



# **Millennium Development Authority (MiDA)**

## **Monitoring and Evaluation Plan**

**Version: NOVEMBER 30, 2011**

## TABLE OF CONTENTS

1. INTRODUCTION .....	2
2. PROGRAM SUMMARY .....	2
<i>Program Logic</i> .....	2
<i>Economic Rates of Return (ERR) and Beneficiaries</i> .....	4
<i>Key Risks and Mitigants</i> .....	5
3. PERFORMANCE MONITORING .....	8
<i>Indicators</i> .....	8
<i>Baselines and Targets</i> .....	8
<i>Reports</i> .....	9
<i>Data Quality</i> .....	9
4. PROGRAM ASSESSMENT AND EVALUATION .....	10
<i>Impact Evaluations</i> .....	10
5. MANAGING MONITORING AND EVALUATION .....	11
<i>The M&amp;E Directorate</i> .....	11
<i>Information System for M&amp;E</i> .....	13
<i>Budget</i> .....	13
<i>Review and Revision of the M&amp;E Plan</i> .....	13
ANNEXES .....	15
<i>ANNEX I: Performance Monitoring Plan</i> .....	16
<i>Annex II: Indicators, Baselines and Targets</i> .....	51
<i>Annex III: Indicators Tied to Disbursements</i> .....	74
<i>Annex IV: Impact Evaluation Plan</i> .....	75
<i>ANNEX V: Performance Indicator Documentation</i> .....	90
<i>ANNEX VI: Data Quality Strategy</i> .....	91
<i>ANNEX VII: Indicator Changes (February 2008)</i> .....	95
<i>ANNEX VIII: (July 2009) INDICATOR CHANGES FOR INDICATORS IN ANNEXES I, II AND III IN THE M&amp;E PLAN.</i> .....	98
<i>ANNEX VIII A: (March 2010) INDICATOR CHANGES FOR INDICATORS IN ANNEXES I AND II.</i> .....	160
<i>ANNEX VIII B: (NOVEMBER 2010) INDICATOR CHANGES FOR INDICATORS IN ANNEXES I AND II.</i> .....	189
<i>ANNEX VIII C: INDICATOR CHANGES, AUGUST 2011.</i> .....	206

## 1. Introduction

In August 2006, the Government of Ghana signed a 5-year \$547 million Compact with the Millennium Challenge Corporation (MCC) of the United States of America aimed at reducing poverty through economic growth led by agricultural transformation. This program is being implemented by the Millennium Development Authority (MiDA), a government corporation established by the Parliament of Ghana to serve as the accountable agent for the implementation of the Compact. For more details on MiDA and the Compact, see <http://www.mida.gov.gh>.

Compact goal will be pursued through two program objectives: (a) increase the production and productivity of high-value cash and food crops; and (b) enhance the competitiveness of high-value cash and food crops in local and international markets. Achievement of these objectives will be through three projects in the areas of agriculture, transportation and rural development in 30 districts in the Northern Agriculture Zone (Northern Region), the Afram Basin Zone (Ashanti and Eastern Regions), and the Southern Horticultural Belt (South-East Coastal Plains).<sup>1</sup> It is anticipated that over 1.2 million individuals will benefit from Compact interventions.

A focus on results is at the heart of the MCC Business Model. As a result, Monitoring and Evaluation (M&E) was an important component of program design and will be incorporated into all facets of the program cycle through close-out. The M&E Plan is a key management tool for MiDA in implementing a results-based program.

The purpose of the M&E Plan is to:

- Describe in detail how MiDA will *monitor* the various components of the Ghana Compact to determine whether MiDA is achieving intended results.
- Describe in detail how MiDA will *evaluate* the larger impacts of the Ghana Compact.
- Highlight the M&E requirements that MiDA must meet in order to receive disbursements.
- Guide program implementation and management, so that stakeholders understand what results are expected, by when the results should be achieved, and who is responsible for achieving and reporting them.
- Provide a framework that will alert stakeholders to performance problems so that adjustments can be made as needed.

The M&E Plan is considered a binding document, and failure to comply with its stipulations could result in the suspension of disbursements. It may be modified or amended as necessary only with the approval of MCC and only so long as it remains consistent with the requirements of the Compact and other relevant Supplemental Agreements. Terms used but not defined herein shall have the meaning given to them in the Compact.

## 2. Program Summary

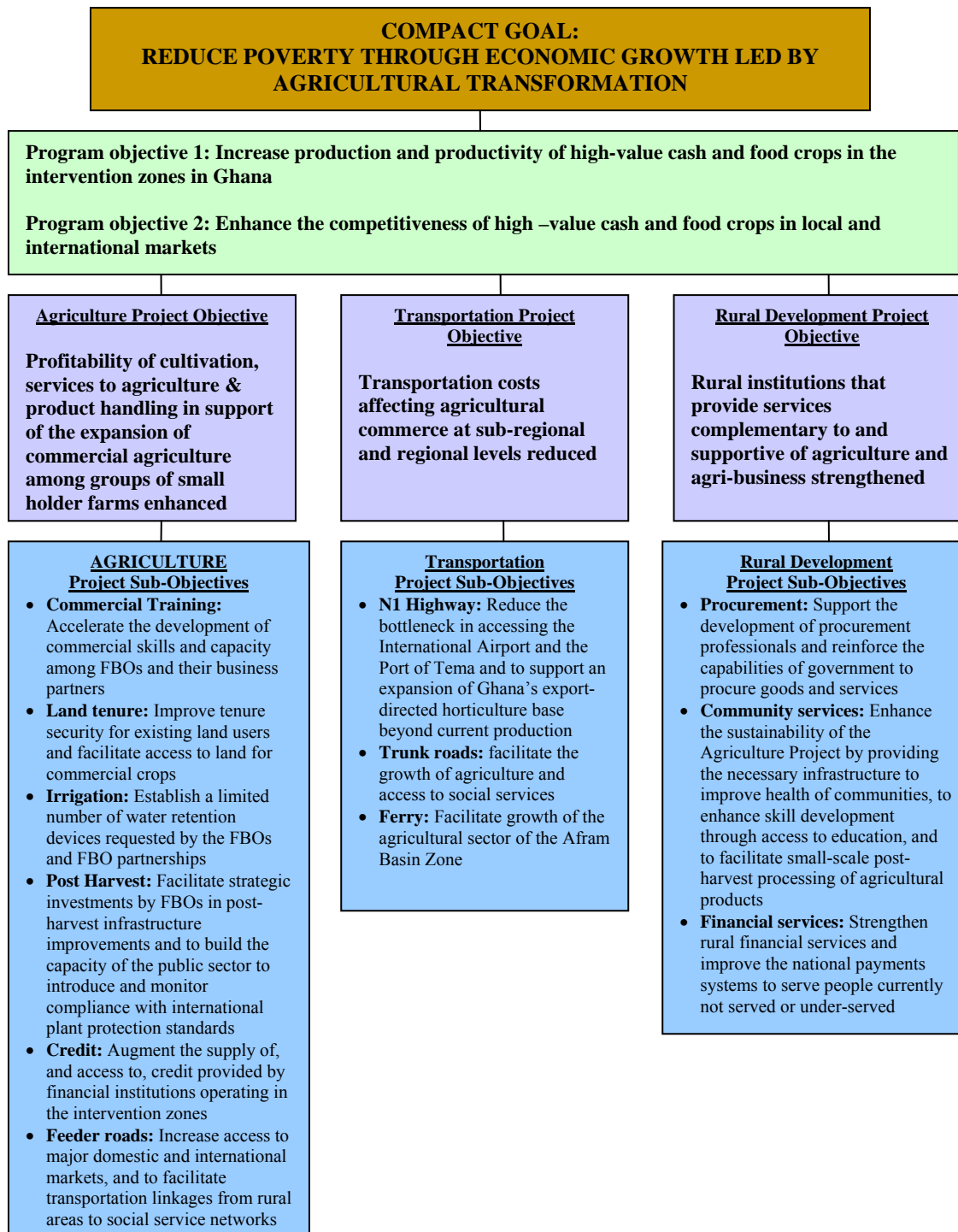
### Program Logic

The overall goal of the Ghana Program is to “reduce poverty through economic growth led by agricultural transformation”. To achieve this goal the Program will pursue two objectives: (a) Increase production and productivity of high value cash and food crops in the intervention zones in Ghana, and (b) Enhance the competitiveness of high value cash and food crops in local and international markets. These objectives will be achieved through a set of investments in agriculture, transportation and rural development. Progress at each level of the logical hierarchy will be monitored using Performance Indicators. Fig. 1 illustrates the program logic. Impact of the overall program and of specific project components will be determined through rigorous evaluations.

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<sup>1</sup> As a result of redistricting, there are now 30 districts covering the same territory formerly occupied by the original 23 districts.

Fig 1: Ghana Program Logic



## Economic Rates of Return (ERR) and Beneficiaries<sup>2</sup>

Activities deemed eligible for MCC funding were selected based on Economic Rate of Return (ERR).<sup>3</sup> Generally, the ERR is the net benefits to all members of society, as a percentage of cost, taking into account externalities and other market imperfections. In the particular case of the Ghana Compact, the ERR was estimated using incremental benefits and costs associated with the activities. An activity or project with a higher ERR value than other available options would provide a much better chance of growth. All the activities in the Compact were selected based on their respective expected incremental benefits. The ERR is useful in serving as a guide in decision-making on where to invest. However, the actual ERR that an activity or project generates at the end will often differ from the estimated value.

With the Agriculture Project, the expected incremental benefit is with respect to farm profitability and imputed savings on vehicle operating costs and time. Increased farm profitability is expected to be realized from higher crop yields, higher farm gate prices for cash crops, lower farm gate prices for inputs, and expanded cropped areas. Savings in vehicle operating costs and time are expected from improved road access and reduction in head loading as a mode of transportation respectively.

The costs associated with each activity are the incremental costs in farm investment and farm operations; and investment and oversight costs of FBO training. In addition, investment and Compact-period operational costs of services to facilitate acquisition of land; and investment costs of expanding credit offices, training and oversight costs associated with developing services in rural areas, were included in aggregated ERR estimation. The costs associated with improved road access are the investment costs, and annual and periodic maintenance costs.

Table 1 shows, for the overall Program, the ERR under different scenarios and the various assumptions underlying each scenario in relation to the attrition rate of the FBO participants, increase in farm incomes and the impact of feeder roads on farm incomes. The overall Program is expected to yield a 20% economic rate of return in a base case. The analysis also anticipates a 27% return in a high return case and a 12% return in a low return case.

Table 1: Overall Program ERR under different scenarios

Scenario	Assumptions	Economic Rate of Return per annum (Ex-ante)
High return case	Farmer-based organization (FBO) farmers double the size of cultivation and achieve higher marketing performance	27%
Base case	Farmers realize basic technical improvements and marketing advantages of FBO membership	20%
Low return case	50% decrease in agricultural incremental net benefits, 50% decrease in feeder and trunk road benefits, 50% decrease in N1 Highway benefits	12%

<sup>2</sup> ERRs based on the recent reallocation of funding within the compact will be updated in the next version of the M&E plan; beneficiary estimates based on MCC's revised methodology will also be updated at the next M&E plan modification.

<sup>3</sup> ERRs presented here are ex ante.

The Program is anticipated to help directly alleviate poverty and enhance the livelihoods and welfare of over 1.2 million Individuals. Table 2 shows the ERR for each project and activity, and beneficiary estimates. The total project ERR are calculated as a weighted average of the activities.

Table 2: ERR<sup>4</sup> and Beneficiary Estimates for Projects and Activities

Activity	ERR	Beneficiaries
<b>Project 1: Development of Agriculture Productivity and Value-Added</b>		
Farmer and Enterprise Training in Commercial Agriculture, and Irrigation Development	29	298,000
FBO Training Net Credit Office Costs and Land Tenure	22	229,500
Post harvest handling (SHB only)	15	126,000
Improvement of Feeder Roads	18	878,000
<b>Total Agriculture Including Feeder Roads and Post Harvest Handling</b>	<b>21</b>	<b>878,000<sup>5</sup></b>
<b>Project 2: Transportation Infrastructure Development</b>		
Improvement of the Afram Plains Basin Trunk Roads and Other Paved Feeder Roads	17	92,000
Improvement of the Adawso to Ekye Amanfrom Ferry	15	5,400
Improvement of the Tetteh Quarshie Interchange to Mallam Junction section of the N1 Highway	36	216,500
<b>Total Transportation Infrastructure Project</b>	<b>32</b>	<b>314,000</b>
<b>Project 3: Rural Services Development (Rural Development Project)</b>		
Support for Community Services	10	356,000
Strengthening of Public Sector Procurement Capacity		Those affected by government efficiency
Strengthening of Rural Financial Services		Potentially all rural banking customers
<b>Total</b>	<b>10</b>	

## Key Risks and Mitigants

The following is an update to the key risks and associated mitigants which were identified during the Compact development and mobilization process. These risks and mitigants will be monitored during implementation through annual reviews and other updates. The first review/update will be done when Implementing Entities are on board.

### Operational risks and mitigants

- A slow pace of identifying and attracting farmers and entrepreneurs to form FBOs may make it difficult to meet the targeted number of beneficiaries of the Agriculture Project. The early results will be closely monitored and necessary changes made to build on innovative and successful approaches to extension and training.
- Weaker than anticipated market demand for staple food and horticulture crops would hamper meeting economic growth indicators for target beneficiaries. MiDA will monitor the demand trends to determine the probability or severity of this particular risk and take the necessary action.
- Slower uptake of credit facilities by the banks targeted and slower development of the innovative approaches designed to supply seasonal credit to smallholder farmers and FBOs through untested delivery vehicles, such as banks working through input suppliers, would retard the expected

<sup>4</sup> The period of analysis for all projects and activities is 24 years.

<sup>5</sup> The number of total beneficiaries does not equal the sum of the beneficiaries for each activity because there are overlaps between activities. In other words, some beneficiaries benefit from more than one activity but are counted only once in the total beneficiary count.

growth. By building credit capabilities first and adjusting financial incentives, demand from participating banks and other intermediaries should be well managed. Early identification of input suppliers with well-defined supply channels at the community level will help accelerate the process of seasonal credit to the farmers.

- The occurrence of natural disasters like floods, storms and other occurrences like bushfires are issues that cannot be over emphasized in Ghana. These occurrences can affect expected crop production levels, erode investments made, and worsen the livelihoods of several farmer households. Undertaking proactive emergency response planning would help minimize the impact of such occurrences on beneficiaries and the program as a whole. Proper water management supported by MiDA, in places known to be susceptible to flooding, can also mitigate this risk.
- High expectations of poor beneficiaries and other stakeholders may result in speeding up of implementation in ways that give rise to a variety of operational risks. To mitigate this risk, an expectation management strategy is being adopted by MiDA's Communication and Outreach team to roll out messages concurrently with preparatory work prior to implementation.
- Continued fragmentation of land sector agencies, Land Laws, and the lack of a legal framework to regulate activities of land service providers may pose a hindrance to the growth and expansion of FBO farms. The expectation is that the One-Stop-Shop by the Land Administration Project (LAP) to deal with land registration and related matters, and the creation of an efficient Land Market Information Database (Land Banks), will be operational by the time MiDA will be processing farm lands for FBOs. However, there is a risk that there could be delays. As a member of the Land Sector Technical Committee, MiDA Land Activity Manager will serve as a catalyst to speed up reforms by highlighting the concerns of MiDA for policy making decisions to be taken.

#### Economic risk and mitigant

- Full feasibility studies, including final economic and environmental analyses, of feeder and trunk roads will be complete only after signing of the Compact and may result in rescaling of the rehabilitation of feeder roads. Any such rescaling will be made as necessary.

#### Environmental and social risk and mitigant

- SEAs, EAs and Project-specific EIAs will identify immitigable adverse impacts, particularly within environmentally sensitive locations in the Afram Basin Intervention Zone and specific districts in Eastern and Volta regions. Immitigable impacts will preclude execution of identified investments, potentially at a zonal or sub-zonal scale. Additionally, the historically uneven pattern of environmental commitment and compliance demonstrated by the Government, the limited experience with World Bank-compliant RAPs and a lack of institutional capacity for effective monitoring and enforcement pose risks for the successful implementation of the Program.
- Disputes over resettlement, land allocation, and/or compensation may occur, with potential implications on tribal relations. Appropriate oversight, community consultation, and civil society engagement should mitigate these risks.
- Most construction activities involve itinerant workers who have been associated with the spread of HIV/AIDS in Ghana. MiDA at this stage is not sure of the HIV/AIDS awareness level of these communities along the roads as well as those of the construction workers. If awareness is low, and there are no mitigating measures MiDA construction activities could be associated with an increase in HIV infection rates. MiDA will act proactively to address this potential risk. For each Intervention Zone, the Environmental and Social Oversight Consultant (ESOC) will develop an HIV Awareness Plan that recognizes the linkages between the HIV/AIDS epidemic and development and is consistent with Ghanaian national HIV/AIDS Policy. The Plan will be developed in consultation with MiDA, the Ghana AIDS Commission, and NGOs working in this area and others as appropriate. Included at a minimum will be an HIV/AIDS Situation Analysis in

each Intervention Zone, institutional and regulatory issues in Ghana and at the local level, discussion of risk factors, effects of HIV/AIDS on local social services delivery organizations and systems, potential negative impacts on the Projects, proposed mitigation, need for capacity building, and sample language for terms of reference for Consultants working on each Project and Activity that requires HIV Awareness.



### 3. Performance Monitoring

Program performance will be tracked on a regular and on-going basis using Performance Indicators. This regular analysis will enable MiDA and MCC to evaluate progress and make decisions (e.g., adjusting programming, conducting further analysis) that are necessary to ensure timely achievement of the Compact objectives and goal. This section of the M&E Plan builds upon Annex III of the Compact and provides a more detailed plan for implementing a performance monitoring system.

#### Indicators

Performance at the Compact goal, program objective and project levels will be measured using performance indicators. The Performance Monitoring Plan in Annex I of this document provides a list of the indicators that will be used, with indicator definitions, data sources, entities responsible for data collection, data collection method, measurement unit and frequency of data collection. Detailed information on each indicator will be documented in Performance Indicator Reference Sheets (PIRS). A template of the PIRS is attached to this M&E Plan in Annex V. Updates to the reference sheets will be made as project implementers and/or entities responsible for data collection come on board starting in Compact quarter three and on an ongoing basis thereafter as needed. The Indicator Reference Sheets serve as a repository for key information related to each indicator such as its precise definition, justification for and usefulness of the measure, unit of measure, documentation of data quality issues and actions, disaggregation, sources of data, data collection methodology, indicator calculation methodology (where necessary), and background information related to baseline values and targets.

In addition, MiDA will monitor Process and Output Indicators to track the delivery of key goods, services and works. Selection of such indicators will be driven by sector teams, who have responsibility for managing the activities. The specific indicators to be tracked and the frequency of reporting will be included in implementer terms of reference and finalized with project implementers before implementation begins. These will be documented in Activity Monitoring Plans by Implementing Entities. The MiDA M&E team will provide oversight and guidance as needed in the development of such plans. Key activity level measures from the Activity Monitoring Plans will be selected for inclusion in the MiDA M&E Plan and for reporting to MCC.

Finally, MiDA will monitor environmental sustainability as a contextual element of the overall Program. Contextual elements and associated metrics will be selected jointly with Implementing Entities, MiDA managers and MCC sector experts, and added to this M&E Plan after the submission of the Strategic Environmental Assessment (SEA) report.

#### Baselines and Targets

The baselines and targets for Compact indicators are reproduced as Annex II of this document. This Annex has been expanded into a Performance Indicator Tracking Table (PITT). However the baselines and targets would be completed after all required data is made available. Generally indicator targets were derived from the economic analysis justifying Compact investments. Targets will be reviewed and validated before implementation begins and as Implementing Entities come on board.

Background information related to baseline data and targets has been documented in the Performance Indicator Reference Sheets. Baseline data and targets will be revised as needed to adjust to changes in the program's design and to incorporate lessons learned for improved performance monitoring and measurement. Any revisions will comply with MCC's *Policy for Monitoring and Evaluation of Compacts and Threshold Programs*.

## **Data Disaggregation**

Data disaggregation in most cases is imperative for a more intuitive analysis of data. Disaggregating data makes data relevant across the concerns of multiple stakeholder groups. In particular, disaggregating data, under the Ghana Compact will make data more relevant to Project Managers and Implementing Entities in tracking performance of various program components on specific beneficiary groups.

Wherever applicable, MiDA endeavors to disaggregate all data collected. Indicators for tracking performance of all the projects are disaggregated by gender, age, income, intervention zone, and/or district as appropriate. Specific disaggregation variables for each of the indicators are detailed in the PIRSSs.

Data from the GLSS5+, the FBO and other surveys will be disaggregated and analyzed according to the description above. Client Assessment will provide a more qualitative picture of program impact on different categories of beneficiaries.

## **Reports**

MCA-Ghana reports quarterly on the progress of each project using the indicator tracking table and the quarterly narrative report (included as part of the quarterly disbursement package).

**Quarterly Narrative Reports** will be submitted each quarter along with the disbursement request and should correspond to the MCC guidance on quarterly narrative reports.

At the program conclusion, MCA Ghana will prepare a **Program Completion Report** (PCR) as part of its closeout procedures. The PCR shall be prepared according to guidelines provided by MCC taking into consideration, among other things, the objectives and content of the Impact Evaluation. MCC guidance on the PCR is forthcoming.

## **Data Quality**

To ensure the integrity of results reported on its activities, MiDA will implement an Agency-wide Data Quality Strategy that is consistent with rigorous performance management. The Data Quality Strategy outlines the roles and responsibilities of various Stakeholders in the data collection, processing and analysis and is documented here as Annex VI. The Data Quality Strategy also provides systematic guidance on how data quality will be ensured and highlights best practices for establishing efficient filing systems in preparation for program audits.

## **Linking Disbursements to Performance**

Consistent with the results-based approach to managing the MiDA Program, disbursement of funds has been linked to performance as defined by a subset of the indicator targets contained in this document. The indicators and level of performance tied to financial disbursements can be found in Schedule 4 of the Disbursement Agreement between MCC and MiDA, and are reproduced in Annex III of this document.

## 4. Program Assessment and Evaluation

Mechanisms to facilitate learning from Program interventions are critical elements of a results based management system. MiDA will accomplish this through impact evaluations and performance assessments of project results. Following completion of the Compact, MCC may conduct additional data collection and evaluations.

### Impact Evaluations

One of the key features of MCC's and MiDA's approach to development is the commitment to conducting rigorous impact evaluations, which employ methodologies that determine whether results can be attributed to Program interventions. In addition, evaluation findings can improve Program management and provide lessons for future Program implementation.

MiDA will engage Independent Evaluators to conduct interim and final evaluations, which are to be coordinated with complementary contracts using Compact Funds.

The Program will be principally evaluated on the extent to which the interventions contribute to the Compact Goal, which is to reduce poverty through economic growth led by agricultural transformation. The Impact Evaluation will use rigorous statistical tools and program design techniques (such as randomly selecting beneficiaries and comparison groups) to attempt to parse out impacts of the MiDA Program versus effects of other interventions, macroeconomic conditions, and even enterprise and personal ingenuity. By constructing comparison groups, the Impact Evaluation will be able to simulate with-and-without-MiDA Program scenarios. The Impact Evaluation will primarily be based on data from the Ghana Living Standards Survey 5+ (GLSS5+).

In addition the Evaluators will utilize results of Surveys carried out by other Contractors, such as Farmer-Based Organization (FBO) and Market Surveys (related to roads investments). Further details on Compact Evaluation are contained in Annex IV of this document. A Final Impact Evaluation (summative evaluation) will be conducted during the period of the Compact. This Evaluation will assess whether Compact goals and objectives were met, factors accounting for success or failure and the lessons learned.

The Impact Evaluation will answer, at a minimum, the questions below.

- Was the Program effective in meeting its goal of reducing poverty?
- Can beneficiary well-being be attributed to MiDA projects?
- What are the reasons behind the success or failure in achieving goals, objectives and targets?
- What were the unintended results of the Program (positive and negative)?
- What are the lessons learned that could be applicable to similar projects?

Note: Additional questions may be added or questions may change as Projects develop.

### Performance Assessment

MiDA will carry out performance assessments on a regular basis to systematically analyze monitoring data, identify areas where follow-up is required and highlight successes.

Preceding the preparation and submission of the quarterly progress reports, a Quarterly Review Session will be held at the national level, with facilitation from the M&E Directorate. Quarterly Review Meetings will discuss and ensure that data from different Projects and Zones are reported in the same way and on the same timeline. The proposed composition of the membership of the Quarterly Review Meetings will involve MiDA M&E Zonal Managers, MiDA Project Managers, Implementation Consultants, Project Management Support Consultants and Implementing Entities. Outputs of the quarterly review sessions will be submitted to MiDA Management to enrich the QPR.

The MiDA M&E Directorate will expand the fourth quarterly review meeting to an Annual Review Session of the overall Program. The main purpose of review is to assess performance towards achieving results and seek additional information to augment issues and trends identified during implementation. A key feature of this review session will be a presentation by the MiDA M&E team on annual results based on indicators. Products of the Annual Review Session will provide information to augment the Annual Supplementary Report. It will also provide additional information that will be a basis for the review of implementation strategies by project managers and implementing entities. The Annual Review Session will be held on/around the end of October (actual dates TBD), and will bring together MiDA staff, MCC counterparts, implementers and key stakeholders (e.g., District Directors in the intervention Zones)

At approximately the mid-point of the Compact Term, MiDA with the assistance of an external Consultant will lead the Mid-Term Review of the Program. The review will draw on all performance reports and analyses prepared to date including project-specific evaluations. The purpose will be to determine if the Program and its component projects/activities are on track to achieving the final targets established in the Compact and agree on corrective actions where needed. The format of the review and the specific questions/issues to be addressed will be determined by MiDA in consultation with MCC.

At the conclusion of the Program, MiDA, with the assistance of an external Consultant, will conduct a Program Completion Review and prepare a final report called a Program Completion Report (PCR). The PCR will be prepared according to guidelines provided by MCC taking into consideration, among other things, the objectives and content of the Impact Evaluations. In addition to normal Progress Report content, the PCR will provide:

- A concise description of the Program from proposal to completion
- A preliminary assessment of the Program's outcomes
- Identification of beneficiaries including relevant characteristics, such as level and degree of participation
- A preliminary assessment of the Program's sustainability
- Lessons learned, including changes that might have been made in M&E criteria, policies, procedures and practices related to the Program.

Finally, MCC or MiDA may request Ad Hoc Evaluations or Special Studies to be conducted by independent consultants. These may be quantitative or qualitative and cover, for example, focus groups to elicit beneficiary and stakeholder feedback on access, utilization and satisfaction or otherwise of services provided by the various MiDA implementing agencies as well as feedback from beneficiaries.

## **5. Managing Monitoring and Evaluation**

### **The M&E Directorate**

The MiDA M&E Directorate will be led by the *M&E Director* whose primary responsibility is to manage all M&E activities. The M&E Director is assisted by a team of four M&E Zonal Managers, a Research Economist and a Statistician. The M&E Zonal Managers are required to carry out the core function of monitoring all MiDA activities in their respective zones in addition to responsibilities for data quality assurance described in Annex VI. *Zonal M&E Managers* will ensure that all such activities are carried out with the strictest established code of conduct and will alert management to issues that can adversely affect results in a timely fashion. The *Research Economist* will plan and liaise with hired Consultant(s) to conduct various research and impact studies of the Ghana Compact to enable MiDA and Stakeholders determine the extent to which Compact objectives are being achieved. The *Statistician* will lead in the collection, analysis and presentation of numerical data on the implementation of MiDA's programs and activities. In addition, each staff member has been assigned specific liaison responsibilities for the various projects and for key M&E issues, contracts and deliverables.

The M&E Directorate will be responsible for the following:

- **Establish an M&E Information System:** The M&E Directorate will oversee development of an integrated M&E system. See below for more on M&E Information System.
- **Develop M&E Policies, Procedures and Processes:** The M&E policies, procedures and processes have been documented in the MiDA M&E Policies and Procedures, to be used by all MiDA Staff and project implementers.
- **Provide M&E Orientation and Capacity Building for Stakeholders:** The M&E Directorate will be responsible for communicating the M&E Plan and M&E System to all Key Stakeholders involved in the Ghana Compact, particularly project implementers, to ensure there is a common understanding of the overall process. This will take the form of orientation and capacity building sessions at the Zonal and National levels and would focus on issues such as:
  - Reviewing and validating indicator definitions, data collection methods and sources, and timing/frequency of data collection and reporting;
  - Target setting and review
  - Data quality controls, verification and validation procedures;
  - Impact Evaluation questions and methodology.

Apart from the major capacity building for Implementing Entities (IEs) which has been contracted out, M&E Orientation and Capacity Building for Stakeholders will be an ongoing activity and will be rolled out as compact implementers come on board.

- **Establish an Effective Documentation System:** The M&E Directorate will develop and use a documentation system to ensure that key M&E actions, processes and deliverables are systematically recorded. The documentation will encompass the following elements:
  - Performance Monitoring Plan (provided in Annex I of this M&E Plan)
  - Performance Indicator Tracking Table (See Annex II attached)
  - Changes to the M&E Plan (See Annex VI)
  - Key M&E deliverables including TORs, Contracts/Agreements, Surveys (including data collection instruments, reports/analyses).
- **Disseminate Information and Findings:** The M&E Directorate will develop and implement a systematic dissemination approach to ensure participation of all the stakeholders, and to facilitate feedback of lessons learned into the Compact implementation process. Different approaches to information packaging and dissemination will be employed depending on the Stakeholders being targeted. Information will be disseminated following the completion and adoption of findings from surveys, studies, quarterly and supplementary reports. Apart from dissemination seminars and the website, periodic outreach sessions (frequency to be determined) will be vehicles for disseminating information and findings.
- **Conduct Data Quality Reviews:** Data quality reviews will be conducted on a periodic basis to assess the quality of data reported to MiDA. An Independent Reviewer will be hired by MiDA for this work. The reviewer will carry out ex-ante and ex-post data quality assessments. See above section on data quality (under section 3: Performance Monitoring).
- **Participate in Project Monitoring:** The M&E Directorate will participate in Project Monitoring through site visits, review of Project reports and analysis of Performance Monitoring and other data. Project Monitoring will be an on-going exercise beginning from the start of actual implementation of activities.
- **Facilitate Beneficiary Feedback:** Participatory Monitoring and Evaluation (PM&E), using the Citizen Satisfaction Score Card on Local Government service delivery will be undertaken to measure beneficiary perceptions of the quality, efficiency and adequacy of the different services provided by the

various Local Government and MiDA Implementing Agencies. This information will contribute to corrective action and will also provide an opportunity to deepen public accountability. It will also provide valuable feedback on the strengths and weaknesses of the various interventions on the beneficiaries.

- **Formulate an M&E Work Plan:** A detailed Work Plan of M&E activities has been developed and will be updated quarterly. The Work Plan can be found on the MiDA website.
- **Supervise the Design and Implementation of an Impact Evaluation Strategy:** The M&E Directorate will contribute to the design of the MiDA Impact Evaluation Strategy, and will contract for and supervise the implementation of Impact Evaluations and associated data collection efforts, as noted in Annex IV of this document. Impact Evaluation processes will commence with the GLSS5+ round one in the Fourth Quarter of the Compact implementation period.
- **Foster a Results-oriented Culture:** As the champion of results based management the M&E Directorate will take steps to foster a results oriented culture within MiDA and among its Implementing Partners from the very inception of the compact.

### **Information System for M&E**

The M&E Directorate will oversee the development of a Management Information System (MIS) for M&E that facilitates timely transmission of management critical performance data, analysis and reports to the MiDA management team. The system has as its basis the Performance Indicators identified in this M&E Plan as well as output and process indicators that will be used by MiDA project managers to manage their activities. Microsoft SQL SERVER 2005 software will be procured to develop the system. When database is installed the model will be translated to database structures and tested with sample data. Thereafter a third party application will be developed to connect to the database.

The following attributes will be considered when designing the system:

- Integration, to the extent possible, with MiDA's overall Management Information System (MIS)
- Integration with the proposed MCC BIDS system that will become the primary vehicle through which all MCA entities will report to MCC
- Ability to store data on project outputs and outcomes and generate reports for management
- Ability to link project outputs and outcomes to budget allocations/spending
- Ability to document key M&E actions, processes and deliverables, as described previously
- Ability to store and track updates to an M&E Work plan
- Technology platform that is appropriate to the needs of MiDA and the technical capability of the core users of the system.

### **Budget**

The cost of the M&E component of the Compact is estimated at approximately \$10.4 million (excluding salaries and other direct costs, which are covered under MiDA's administrative budget). The costs were derived on the basis of an estimate of the resources that will be required to implement the main components of the M&E agenda. This draft budget will be reviewed and updated throughout the life of the Program.

### **Review and Revision of the M&E Plan**

The M&E Plan is intended to be a living document. As such it will evolve over time in the course of Program implementation. To ensure its continued usefulness, the M&E Plan will be reviewed at least once each year. The purpose of the review is to determine whether the M&E Plan is working as intended – i.e., to provide performance data that is as accurate and timely as resources will permit for program management and decision-making. More specifically, the review will determine whether:

- The sequence of interventions and outcomes is occurring as planned
- Indicator definitions are precise and accurate

- Indicators and targets are appropriate (i.e., whether they continue to directly, objectively and adequately capture the results they were intended to capture).

If any changes are required as a result of the review, MiDA will update the M&E Plan to reflect the changes, including a justification for each change, in accordance with MCC's *Policy for Monitoring and Evaluation of Compacts and Threshold Programs*. The revised M&E Plan will be submitted to MCC for approval. The need for flexibility will be carefully balanced with the need for a predictable framework against which performance can be tracked over time. Thus, adjustments to material elements of the Plan (e.g., revision of targets) will be carried out only if there is strong justification. Furthermore if such material changes are made, approval of the MiDA Board will be sought prior to submission to MCC for approval.

## **ANNEXES**



## ANNEX I: Performance Monitoring Plan

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
COMPACT GOAL:	REDUCE POVERTY THROUGH ECONOMIC GROWTH LED BY AGRICULTURAL TRANSFORMATION						
	Net Income/Revenue	Net income per household from growing maize, cassava, soya, yams, sorghum, rice, millet, groundnuts, pineapple, mangoes and Fresh Vegetables (pepper) in the Intervention Zones.	US\$	Survey of FBOs	FBO Survey Report	Institute of Statistical, Social and Economic Research (ISSER)	Baseline 2008, Final 2011
	Crop income (Northern Zone)	Net income per household from growing maize, rice, groundnuts sorghum, millet, and yams. Northern Zone is comprised of the following five districts: Savelugu -Nanton, Tolon-Kumbungu, Tamale, West Mamprusi and Karaga.	US\$	Survey of FBOs	FBO Survey Report	Institute of Statistical, Social and Economic Research (ISSER)	Baseline 2008, Final 2011
	Crop income (Afram Basin Zone - East)	Net income per household from growing maize, yams and cassava Afram Basin Zone - East is comprised of the following two districts: Fanteakwa and Kwahu South.	US\$	Survey of FBOs	FBO Survey Report	ISSER	Baseline 2008, Final 2011
	Crop income (Afram Basin Zone - West)	Net income per household from growing maize, yams and cassava Afram Basin Zone - West is comprised of the following four districts: Ejura Sekyedumase, Afram Plains, Sekyere East and Sekyere West.	US\$	Survey of FBOs	FBO Survey Report	ISSER	Baseline 2008, Final 2011
	Crop income (Southern Zone)	Net income per household from growing maize, cassava, pineapple, mangoes and vegetables, (pepper). Southern Zone is comprised of the following twelve districts: Gomaa, Awutu Effutu Senya, Akuapem South, Manya Krobo, Dangme West, Yilo Krobo, Kwando (North Dayi), Hohoe, Ketu, Keta, South Tongu and Akatsi.	US\$	Survey of FBOs	FBO Survey Report	ISSER	Baseline 2008, Final 2011
	Aggregate poverty gap of beneficiaries	Aggregate poverty gap measures the income value of beneficiaries at the poverty line minus average income of beneficiaries below the poverty line multiplied by the number of beneficiaries below the poverty line.	US\$	Survey of FBOs	GLSS5+ Survey Data	ISSER	Baseline 2008, Final 2011

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Crop Income from Staples	Net income per household from growing Staples (Maize, Cassava, Yam, millet, sorghum, rice, soya and groundnuts.) disaggregated zones. and crop type	US\$	Survey of FBOs	FBO Survey Report	ISSER	Baseline 2008, Final 2011
	Crop Income from High-Value Crops	Net income per household from growing High-Value Crops (Pineapple, Mangoes and Fresh Vegetables (pepper). disaggregated by crop type	US\$	Survey of FBOs	FBO Survey Report	ISSER	Baseline 2008, Final 2011
<b>PROGRAM OBJECTIVE 1:</b>	<b>INCREASE PRODUCTION AND PRODUCTIVITY OF HIGH-VALUE CASH AND FOOD CROPS IN THE INTERVENTION ZONES<sup>6</sup></b>						
	Productivity of Land in Afram Zone: Maize	Crop yield (measured in Metric tons/hectare) of maize as proxy of most likely crop grown and produced. In the zone.	Metric tons/hectare	Crop Cut Survey of maize farmers in the FBOs trained by MiDA	Crop Cut Survey Report	Statistics, Research and Information Directorate (SRID) Ministry of Food and Agriculture (MoFA)	Baseline in 2008 then annually in 2010 and 2011.
	Productivity of Land in Northern Zone: Soya	Crop yield (measured in Metric tons/hectare). of soya as proxy of most likely crop grown and produced in the zone	Metric tons/hectare	Crop Cut Survey of soya farmers in the FBOs trained by MiDA	Crop Cut Survey Report	SRID - MoFA	Baseline in 2009 then annually in 2010 and 2011.
	Productivity of Land in Southern Zone: Export-grade Pineapple	Crop yield (measured in Metric tons/hectare) of export-grade pineapples, as proxy of most likely crop grown and produced in the zone.	Metric tons/hectare	Crop Cut Survey of export-grade pineapple farmers in the FBOs trained by MiDA	Crop Cut Survey Report	SRID - MoFA	Baseline in 2008 then annually in 2010 and 2011.
<b>PROGRAM OBJECTIVE 2:</b>	<b>ENHANCE THE COMPETITIVENESS OF HIGH-VALUE FOOD AND CASH CROPS IN LOCAL AND INTERNATIONAL MARKETS</b>						
	Additional Ghanaian agricultural exports: Pineapple	Additional metric tons of pineapple as proxy of most likely crop exported.	Metric tons	Review of records	Administrative Records of SPEG/Ghana Export Promotion Council	RICs/MiDA Project Support Consultant (PSC) Commercialization Agricultural Project (CAP)	Annually; starting 2009

<sup>6</sup> The baseline and targets reported under Program Objectives 1 and 2a are pre-Compact figures based on data from the Ministry of Food and Agriculture. In subsequent revisions, the information reported would be on the basis of the results from the FBO Survey.

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Additional Ghanaian agricultural exports: Mango	Additional metric tons of mangoes as proxy of most likely crop exported.	Metric tons	Review of records	Ghana Export Promotion Council/ CEPS Records <sup>7</sup>	RICs /MiDA PSC/CAP	Annually; starting 2009
	Additional Ghanaian agricultural exports: Fresh Vegetables (pepper)	Additional metric tons of pepper as proxy of most likely fresh vegetables exported.	Metric tons	Review of records	Administrative Records of VEPEAG (Vegetable Producers and Exporters Association of Ghana)	RICs /MiDA PSC/CAP	Annually; starting 2009
	Market share of Ghanaian pineapple exports on the European market	Ratio of the annual volume of pineapples exported by Ghana to countries in the EU27 to the total annual volume exported by all countries except those in the Euro zone to the EU27.	Percentage	Review of Eurostat Database	Eurostat Database: <a href="http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database">http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database</a>	MiDA M&E	Baseline 20__ then Annually in 2011 to
AGRICULTURE PROJECT OBJECTIVE	ENHANCE THE PROFITABILITY OF CULTIVATION, SERVICES TO AGRICULTURE & PRODUCT HANDLING IN SUPPORT OF THE EXPANSION OF COMMERCIAL AGRICULTURE AMONG GROUPS OF SMALL HOLDER FARMS						
COMMERCIAL TRAINING	Accelerate the development of commercial skills and capacity among FBOs and their business partners (including service providers to FBOs and other entities adding value to agricultural crops) such as processors						
	Percent of FBOs meeting market targets	An FBO meeting their market targets is defined as one with 80% of membership able to sell all their produce as targeted in their business plans. The percentage of FBOs is expressed as a ratio of such FBOs to the total number of FBOs who took part in the preparation of business plans.	Percentage	Extraction from Records of RICs	Quarterly reports and Indicative Updates	RICs /MiDA PSC/CAP	Annually, starting from year-ending 2009
	Number of agribusinesses assisted	Any technical or financial assistance to FBOs, SMEs (post-harvest and processing centers, and agricultural export business.) Includes	Number	Extraction from Records of RICs	Quarterly reports and Indicative Updates	RICs /MiDA PSC/CAP	Quarterly, starting from 2009

<sup>7</sup> Baseline and targets in Appendix II were estimated using primary data collected by the Consultant for Pre-feasibility Study of Public Pack Houses. GEPC/CEPS will be the source of actual data in subsequent periods.

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
		credit, grants, preparing business plans, marketing and sales and any technical support aimed at increasing the production of value added agribusiness.					
	Hectares under production with MCC support	The area of land put under cultivation (rain-fed and irrigation) as a result of MCC support in the three MiDA intervention zones.	Hectares	Extraction from Records of RICs	Quarterly reports and Indicative Updates	RICs /MiDA PSC/CAP	Annually, starting 2009
	Number of farmers adopting new technologies and farming methods	Number of farmers in the Farmer-Based Organizations (FBOs) participating in the Program that employed technologies specified in CDFO Business Action Plans or Participant Agreements. The FBO is one in which at least 80% of members who have agreed to participate in the plan/agreement, used the identified technologies to support plan implementation and achievements of targets.	Number	Extraction from Records of RICs	Quarterly reports and Indicative Updates	RICs /MiDA PSC/CAP	Annually, starting 2009 year-ending
	Number of enterprises that have applied improved techniques	Total number of farmers' associations, post-harvest or processing enterprises, water management entities, or other rural enterprises that are applying managerial or processing techniques introduced or supported by MCC. When a number of farmers are involved in an association or cooperative, they are not counted individually, but as one entity.	Number	Extraction from Records of RICs (Primary Data Source)	Administrative records of RICs	RICs /MiDA PSC/CAP	Annually, starting 2009
	Percent of post harvest loss at farm-gate: maize	Percentage of maize lost at the farm gate; that is immediately after harvest and before the produce is sold. Post harvest loss at farm gate includes the volume of maize lost during harvesting on the farms; during storage; and in the course of haulage to market centers or sales points. This indicator is measured in metric tons and expressed as metric tons lost divided by metric tons produced for farmers within the FBOs participating in the CDFO program	Percentage	Case study of sub-sample of maize farmers in the FBO survey	Post Harvest Loss case study Report	RICs	Baseline in 2010 and final in 2011 year-ending
	Percent of post harvest loss at farm-	Percentage of chili pepper lost at the farm gate measures the losses incurred immediately after	Percentage	Case study of sub-sample of fresh pepper	Post Harvest Loss case study Report	RICs	Baseline in 2010 and final

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	gate: fresh pepper	harvest of the peppers and before the time they are sold to exporters. Only mature green (un-ripened) peppers are measured because exporters only purchase them green. The losses refer to peppers (scorched, bruised, calyx, pest infestation, discolored, etc) rejected by the exporter at the point of sale. Peppers are sold fresh, and therefore there is no measure of storage loss. This indicator is measured in metric tons and expressed as metric tons of rejects divided by metric tons produced and transported to the exporter at the sale for farmers within the FBOs participating in the CDFO program		farmers in the FBO survey			in 2011 year-ending
	Number of FBOs trained in Commercial Agriculture	Number FBOs that had received a variety of technical assistance including: developing business plans, accessing credit or finance, financial planning, training on production, use of new technologies, linking to markets. The curricula, length and intensity of training programs vary from module to module. Training includes workshops, demonstration plots, and visits by extensionists.	Number	Extraction from Records of /RICs (Training Attendance List)	Quarterly reports and Indicative Updates	RICs /MiDA PSC/CAP	Quarterly, starting Compact Quarter 8
	Number of Farmers trained in Commercial Agriculture.	Number farmers within the FBOs participating in the CDFO program that had received a variety of technical assistance including: developing business plans, accessing credit or finance, financial planning, training on production, use of new technologies, linking to markets. Training includes workshops, demonstration plots, visits by extensionists. (disaggregated by Zone	Number	Extraction from Records of /RICs Training Attendance List	Quarterly reports and Indicative Updates	RICs /MiDA PSC/CAP	Quarterly, starting Compact Quarter 8
	Training and Technical Services Provider Task Orders issued	An order that adds value to BPAs and stipulates the specific service to be provided and when they are expected to be provided.	Number	Extraction from Quarterly Reports and Indicative Updates	CAPM Quarterly Progress Reports and Indicative Updates	RICs /MiDA PSC/CAP	Quarterly, starting Compact Quarter 7 (Oct-Dec 2008 )

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Value Chains mapped	Identified stakeholders in a specific production chain in the intervention zone (including their location and the role they play in relationship to each order. The mapping categorizes <u>value</u> -adding activities in the chain	Number	Extraction from Quarterly Reports and Indicative Updates	CAPM Quarterly Progress Reports and Indicative Updates	MiDA	Measured once; in compact Quarter 7 (Oct-Dec 2008 )
	Blanket Purchase Agreements awarded	An agreement signed between MiDA and contractors/service providers, in which the contractor has agreed to provide the specified service, any time and in any quantities when called upon to do so. No value attached.	Number	Extraction from Quarterly Reports and Indicative Updates	CAPM Quarterly Progress Reports and Indicative Updates	MiDA	Measured once; in compact Quarter 7 (Oct-Dec 2008 )
	Guidelines on Irrigation Development developed and approved by MCC	A report that gives direction to RICs for preparation of pre-feasibility documents in terms of profile, eligibility criteria, pre-feasibility design criteria and eligibility scoring system for the purpose of standardization.	Date	Extraction from Quarterly Reports and Indicative Updates	CAPM Quarterly Progress Reports and Indicative Updates	MiDA	Measured once; on approval date. (Quarter 6, 2008)
	Guidelines on post-harvest developed and approved by MCC	A report that gives assistance to RICs in the implementation of Post-harvest project activities on the basis of a common platform and approach, to ensure consistency and cohesion across the spectrum of activities to be addressed, targeting post-harvest infrastructure (PHI) and value chain services activity.	Date	Extraction from Quarterly Reports and Indicative Updates	CAPM Quarterly Progress Reports and Indicative Updates	MiDA	Measured once; on approval date. (Quarter 6, 2008)
	Guidelines on FBO vouchers developed and approved by MCC	Guidelines for the development of an organizational incentive in the form of business communication and technology as specified in the CMC Inception Report, developed and approved by MCC.	Date	Extraction from Quarterly Reports and Indicative Updates	CAPM Quarterly Progress Reports and Indicative Updates	MiDA	Measured once; on approval date. (Quarter 6, 2008)
<b>IRRIGATION ACTIVITY</b>	<b>Establish a limited number of retention ponds and weirs requested by the FBOs and FBO partnerships for whom access to water is critical to the success of their business objectives</b>						
	Additional hectares irrigated with MCC support	Number of hectares of crop land irrigated as a result of the Program	Hectares	Extraction from Records of/RICs	Quarterly reports and Indicative Updates	RICs/MiDA Project Support Consultant (PSC) Transportation and Agriculture Infrastructure Project (TAIP)	Annually, starting 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Number of irrigation facilities constructed/rehabilitated	The number of weirs, dams, water distribution systems or other technologies constructed or rehabilitated through MiDA's support	Number	Extraction from Records of /RICs	Quarterly reports and Indicative Updates	RICs/MiDA PSC TAIP	Annually, starting 2009
	Hectares of land with potential for new/ rehabilitated irrigation facilities identified	Number of hectares of land with potential for new/ rehabilitated irrigation facilities identified in the possible irrigable areas (disaggregated by locality and zone)	Hectares	Extraction from Records of /RICs	Quarterly reports and Indicative Updates	RICs/MiDA PSC TAIP	Annually, starting 2009
	Number of Feasibilities Studies approved	The number of feasibility studies approved (disaggregated by type and zone)	Number	Extraction from Records of /RICs	Quarterly reports and Indicative Updates	RICs/MiDA PSC TAIP	Quarterly, starting 2009
	Value of signed contracts for feasibility and/or design studies	Cost of conducting feasibility and/or design studies, measured in US dollars.	US\$	Review of Reports	Procurement Performance Reports	CKP/MiDA PSC TAIP	Quarterly, Starting 2009
	Amount of contracted design/feasibility studies for irrigation completed	US\$ disbursed of contracted (design/feasibility) studies completed	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA PSC TAIP	Quarterly, Starting 2009
	Percent of contracted design/feasibility studies for irrigation completed	This is calculated in terms of the dollar (US\$) disbursed of contracted (design/feasibility) studies completed over the (total dollar value of signed contracts for irrigation (design/feasibility studies expressed as a percentage)	Percentage	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA PSC TAIP	Quarterly, Starting 2009
	Value of signed contracts for irrigation works	Cost of the Contract for irrigation works measured in US dollars (disaggregated by zone & type of facility).	US\$	Desk Review of Procurement Reports	Procurement Performance Reports	CKP/MiDA PSC TAIP	Quarterly, starting 2009
	Amount of value of contracted irrigation works disbursed	US\$ disbursed of contracted irrigation works completed	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA PSC TAIP	Quarterly, starting 2009
	Percent of value of contracted irrigation	This is calculated in terms of the dollar (US\$) disbursed of contracted irrigation works	Percentage	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA PSC TAIP	Quarterly, Starting 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	works disbursed	completed) over the (total dollar value of signed contracts for irrigation works expressed as a percentage					
<b>LAND ACTIVITY</b>	<b>Improve tenure security for existing land users and facilitate access to land for commercial crops.</b>						
	Percent of people aware of their land rights in the pilot land registration areas.	Number of people able to articulate their land rights (as defined in the Land Activity Public Outreach Manual expressed as a percentage of the number of people interviewed in the survey.	Percentage	Survey	Survey Report	Data Collection Support Consultant	Baseline (2009), then annually in 2010, 2011
	Percent of identified land disputes resolved in the Pilot Land Registration Areas	This is measured in terms of the identified Land disputes resolved by the Survey Contractor, the ADR consultant, and Adjudication Committee expressed as a percentage of the total disputes identified in Awutu Efutu Senya and Savelugu Nanton.	Percentage	Review of Administrative Records	Reports of Survey Consultant/ADR Consultant/ Adjudication Committee	ADR Consultant	Baseline (2009), then periodically in 2010, 2011
	Total Number of Land Parcels Registered in the Pilot Land Registration Areas	Number of targeted parcels surveyed from the Pilot Land Registration Areas registered in the title registry. The Pilot Land Registration Areas (PRAs) are Awutu-Effutu-Senya and Savelugu Nanton.	Number	Review of the Land Title Register	Land Title Register	Land Registration Division of the Lands Commission	Baseline (None) Quarterly, Starting in 2009
	Rural Hectares formalized	Rural land receiving formal recognition by the government of ownership and or use rights through certificates, titles, leases, or other recorder documentation; measured in terms of hectares in rural areas. This is the hectares of targeted parcels surveyed from the Pilot Land Registration Areas registered in the Title Registry.	Number	Review of the Land Title Register	Land Title Register	Land Registration Division of the Lands Commission	Baseline (None) Quarterly, Starting in 2009
	Rural hectares mapped	Rural hectares mapped through field assessment and/or use of ortho-photography. The mapping process varies by project but may include clarification of property boundaries, demarcation, creation of cadastral records, verification of map by community stakeholders, and updating of the land rights inventory.	Hectares	Review of Records of the Surveyor	Survey Consultant's Report	Survey Consultant	Baseline (None) Quarterly starting in 2008.
	Total number of land parcels	This involves demarcating and surveying the boundaries of individual parcels of land within	Number	Review of Records of the Surveyor	Survey Consultant's	Survey Consultant	Quarterly, starting in 2008



PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	surveyed in the Pilot Land Registration Areas	the area so declared as pilot registration district.			Report		
	Parcels of land inventoried in the Pilot Land Registration Areas	Parcel inventory involves listing of all instances of proprietorship of any land or interests in land in the Lands Commission/Deeds Registry and any other repository, including the Customary Land Secretariat.	Number	Review of Records of the Surveyor	Survey Consultant's Report	Survey Consultant	Quarterly, starting in 2008
	Percent of backlog of land cases cleared by the Judicial Service	Percent of backlog of cases cleared by the district circuit courts through the issuance of Registrars Summons and adjudication of live cases divided by Number of backlogged land cases expressed as a percentage.	Percentage	Review of Court Register	Register of the Circuit Courts in MiDA zones	Judicial Service	Quarterly, starting in 2010
	Backlog of land cases identified	Land cases in backlog refer to all unresolved land cases identified and reported by the Baseline Study Consultant in the following 10 participating Circuit Courts – Agona Swedru, Keta, Aflao, Sogakope, Kpando, Hohoe, Many Krobo, Nsawam, Mpraeso and Tamale., type, nature and status.	Date	Review of Report	Baseline Consultant's Report	Baseline Consultant	Measured once; (Quarter 9, 2009)
	Procurement of Needs Assessment Consultant completed	The procurement is defined as completed when the contract is signed	Date	Review of records	Procurement Performance Reports	CKP/MiDA Land Administration Project Manager	Measured once; (Quarter 7, 2008)
	Road Map and TORs for Public Education and Small Grants finalized and approved	The TOR is defined as finalized when it is ready to be turned into an RFP	Date	Extraction from Procurement Performance Report	Quarterly Progress Report and Indicative Updates Procurement Performance Report	Land Administration Project Manager	Measured once; (Quarter 7, 2008)
	Number of preparatory studies completed	Number of finished preparatory studies, including analyses of land administration institutional change, procedural improvement, technical specifications, social assessments, and land use plans. This may include assessment of: the legal/regulatory framework; landholding patterns; access to land for	Number	Review of documents	Quarterly Progress Report and Indicative Updates	Land Administration Project Manager	Annually, starting in 2008

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
		vulnerable groups; registration methodologies; land institutions; and land management plans.					
	Legal and Regulatory reforms adopted	Number of land policies, specific pieces of legislation, or implementing regulations adopted. This may include reform of property and land laws, and land tenure reform.	Number	Review of documents	Quarterly Progress Report and Indicative Updates	Land Administration Project Manager	Annually, starting in 2008
	Number of landholders reached by public outreach efforts	Number of households reached through public outreach such as workshops and focus groups. Subject matters include land project activities, land rights, access to land, land law, use plans, and land markets.	Number	Review of Public Education and Information Dissemination Records	Public Education and Information Dissemination Consultant's Quarterly Progress Report <sup>8</sup>	Public Education and Information Dissemination Consultant	Annually, starting in 2009
	Number of Personnel Trained	Number of public officials and customary authorities receiving training or technical assistance regarding registration, surveying, conflict resolution, land allocation, land use planning, land legislation, land management or new technologies. The training programs may include workshops, seminars, study trips, or courses.	Number	Review of various Consultants' Training Reports	Various Consultants' Training Reports	Land Administration Project Manager	Annually, starting in 2008
	Number of buildings rehabilitated/constructed	The number of land office or registry buildings that the project rehabilitates or constructed.	Number	Review of Consultant's Reports	Quarterly Progress Report and Indicative Updates	Land Administration Project Manager	Annually, starting in 2008
	Value of equipment purchased	Value of equipment purchased for land, cadastral or registry offices, including IT equipment, office equipment, satellite imagery, software and geodetic equipment. This indicator also includes the value for digitization of records, rectification of imagery and production of a land information system.	US\$	Extraction from Reports	Procurement Performance Reports	CKP/MiDA	Annually, starting in 2008
<b>POST HARVEST ACTIVITY</b>	<b>Facilitate strategic investments by FBOs in post-harvest infrastructure improvements and to build the capacity of the public sector to introduce and monitor compliance with international plant protection standards</b>						
	Volume of products passing through post-harvest	Metric tons of pineapple, and other crops in the value chains identified, passing through small-scale storage facilities, pack house pre-coolers	Metric tons	Extraction from RIC/CMC Records	Quarterly reports and Indicative Updates of	RICs/MiDA Project Support Consultant (PSC) Agriculture	Baseline (none) Annually;

<sup>8</sup> The initial actual data reported were from the Sensitization Consultant's Report

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	treatment	or pack houses.			CMC/RICs	Services Engineer (ASE)	starting 2009
	Number of Cooling facilities installed	Number of cooling / pre-cooling facilities installed and in use	Number	Extraction from RIC/CMC Records	Quarterly reports and Indicative Updates of CMC/RICs	RICs/MiDA PSC ASE	Quarterly Starting 2009
	Area of cold storage facilities constructed	Floor space covered by completed cold storage facilities	Meters Squared	Extraction from RIC/CMC Records	Quarterly reports and Indicative Updates of CMC/RICs	RICs/MiDA PSC ASE	Annually Starting 2009
	Area of pack-houses and other Post Harvest Infrastructure (PHI) constructed	Floor space covered by completed pack-houses and other PHIs.	Meters Squared	Extraction from RIC/CMC Records	Quarterly reports and Indicative Updates of CMC/RICs	RICs/MiDA PSC ASE	Annually Starting 2009
	Number of feasibility studies approved	Number of feasibility studies for Post-Harvest infrastructure approved by MCC (disaggregated by type and zone)	Number	Extraction from RIC/CMC Records	Quarterly reports and Indicative Updates of CMC/RICs	RICs/MiDA PSC ASE	Quarterly, Starting 2009
	Pack House / other Post-Harvest Infrastructure sites identified	Cut-off date for identification of sites for pack-houses and other post harvest infrastructure	Date	Extraction from RIC/CMC Records	Quarterly reports and Indicative Updates of CMC/RICs	RICs/MiDA PSC ASE	Measured once: (Quarter 9, 2009)
CREDIT ACTIVITY	Augment the supply of, and access to, credit provided by financial institutions operating in the intervention zones						
	Portfolio-at-risk of agricultural loan fund	Share of value of all loans due from the Agricultural Credit Program (ACP) fund to Participating Financial Institutions (PFIs) that have one or more installments of principal or interest past due over thirty (30) days. PFIs include Commercial Banks (CBs), Rural Banks (RBs), Savings and Loans Companies (SLCs) and Financial Non-Governmental Organizations (FNGOs) that meet a set of eligibility criteria stipulated in the ACP Policies and Procedures Manual	Percentage	Bank of Ghana will collect data from the records of all regulated PFIs and ACPC will collect data from the records of all non-regulated PFIs and report to MiDA. ACPC will have additional responsibility of collating and aggregating all data	Bank of Ghana and ACPC Quarterly and Indicative Reports submitted to MiDA	Bank of Ghana and ACPC	Baseline (none) Quarterly, starting 2008 (4 <sup>th</sup> Quarter)

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
				before submission to MiDA.			
	Value of loans disbursed to clients from agricultural loan fund	Value of loans disbursed from the agricultural loan fund for on-farm and off-farm investments. Loans and credit can be extended to FBOs, SMEs and Individuals in the value chain by Participating Financial Institutions (PFIs), Non-bank Financial Institutions (NFIs), financial NGOs and input suppliers. Data will be disaggregated by short-term and medium-term loans	US\$	Bank of Ghana will collect data from the records of all regulated PFIs and ACPC will collect data from the records of all non-regulated PFIs and report to MiDA. ACPC will have additional responsibility of collating and aggregating all data before submission to MiDA.	Bank of Ghana and ACPC Quarterly and Indicative Reports submitted to MiDA	Bank of Ghana and ACPC	Baseline (none) Quarterly; starting 2008
	Number of loans disbursed to clients from agricultural loan fund	This indicator measures the actual number of loans disbursed to clients; where clients are defined as FBOs and Agribusinesses (e.g. input suppliers, etc.), who have received loans disbursed from the ACP fund by financial institutions accredited under the ACP for on-farm and off-farm investment. Since an approved loan can be disbursed in tranches, only the first tranche disbursed to an FBO or Agribusiness is counted in order to avoid double counting.	Number	Bank of Ghana will collect data from the records of all regulated PFIs and ACPC will collect data from the records of all non-regulated PFIs and report to MiDA. ACPC will have additional responsibility of collating and aggregating all data before submission to MiDA.	Bank of Ghana and ACPC Quarterly and Indicative Reports submitted to MiDA	Bank of Ghana and ACPC	Baseline (none) Quarterly; starting 2008
	Number of clients receiving loans disbursed from agricultural loan fund	Number of clients is defined as Agribusinesses and individual members of FBOs who have received loans disbursed from the ACP fund by financial institutions accredited under the ACP for on-farm and off-farm investment. Since clients can receive their loans in tranches, clients are counted only when the first tranche	Number	Bank of Ghana will collect data from the records of all regulated PFIs and ACPC will collect data from the records of all non-regulated PFIs and	Bank of Ghana and ACPC Quarterly and Indicative Reports submitted to MiDA	Bank of Ghana and ACPC	Baseline (none) Quarterly; starting 2008

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
		is received in order to avoid double counting		report to MiDA. ACPC will have additional responsibility of collating and aggregating all data before submission to MiDA.			
	Number of Participating Financial Institutions accredited	Number of financial institutions that have been accredited by Bank of Ghana and ACPC as eligible for participating in the Agricultural Credit Program. Financial institutions refer to commercial banks, rural banks, non-bank financial institutions such as savings and loans and financial NGOs.	Number	Bank of Ghana will collect data from the records of all regulated PFIs and ACPC will collect data from the records of all non-regulated PFIs and report to MiDA. ACPC will have additional responsibility of collating and aggregating all data before submission to MiDA.	Bank of Ghana and ACPC Quarterly and Indicative Reports submitted to MiDA	Bank of Ghana and ACPC	Quarterly; starting June 2008
	Number of Participating Financial Institutions' staff trained	Number of PFI officials; include staff, credit committee's members and other higher officials trained under the MiDA Agricultural Credit Program. The training includes EPA modules.	Number	Bank of Ghana will collect data from the records of all regulated PFIs and ACPC will collect data from the records of all non-regulated PFIs and report to MiDA. ACPC will have additional responsibility of collating and aggregating all data before submission to MiDA.	Bank of Ghana and ACPC Quarterly and Indicative Reports submitted to MiDA	Bank of Ghana and ACPC	Quarter in which training is done
	Total outstanding principal balance for	The total outstanding principal balance for a loan comprises the original loan amount	US\$	Bank of Ghana will collect data from the	Bank of Ghana and ACPC	Bank of Ghana and ACPC	Quarterly, starting 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	group/individual loans	disbursed plus any capitalized interest amount as documented by the PFI, Group/individual loans refer to all loans given by PFIs to farmers and agri-businesses		records of all regulated PFIs and ACPC will collect data from the records of all non-regulated PFIs and report to MiDA. ACPC will have additional responsibility of collating and aggregating all data before submission to MiDA.	Quarterly and Indicative Reports submitted to MiDA		
<b>FEEDER ROADS ACTIVITY</b>	<b>Increase access to major domestic and international markets, and to facilitate transportation linkages from rural areas to social service networks (including, for instance, hospitals, clinics and schools)</b>						
	International Roughness Index	IRI is a road-surface quality measure (height of jumps in meters per kilometer distance).The IRI, though measured in meters/kilometer, can be expressed as a dimensionless quantity.	Meters/ Kilometers	A laser would be mounted in a specialized van; the height of jumps by the laser would be measured whilst driven across the road or highway system.	Quarterly Reports and Indicative Updates of Ministry of Roads and Highways (MRH)	PMSC/ Ministry of Roads and Highways (MRH)	Annually; starting 2010 ending
	Annualized Average Daily Traffic	Annualized Average Daily Traffic (AADT) is the total volume of vehicle traffic in both directions of a highway or road for a year divided by 365 days. Number of vehicles per day adjusted for time-of-day and seasonal differences for each road.	Number	Use portable or removable equipment to conduct the survey for periods of 7-14 days. An AADT value is then extrapolated from the collected data.	Quarterly Reports and Indicative Updates of Ministry of Roads and Highways (MRH)	PMSC/ MRH	Annually; starting 2010 ending
	Kilometers of feeder roads completed	A feeder road is completed when planned segments of earmarked roads are upgraded according to design specifications and on time. This refers to the 950 kilometer gravel or bitumen surfaced roads ear-marked for improvement in targeted MiDA Program Districts.	Kilometers	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	Quarterly Reports and Indicative Updates of Ministry of Roads and Highways (MRH)	PMSC/ MRH	Quarterly, starting 2010

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Value of signed contracts for feeder road works	The value of all contracts that MCAs have signed with contractors for construction of new or rehabilitated roads systems.	US\$	Desk Review of Procurement Reports	Procurement Performance Report	CKP/MiDA TAIPM	Quarterly, starting 2009
	Amount of signed contracts for feeder road works disbursed	The amount disbursed of signed contracts for construction of new or rehabilitated roads systems.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, starting 2009
	Percent of contracted feeder roads works disbursed	The amount disbursed against signed contracts for construction of new or rehabilitated roads systems. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	Percent	Desk Review of Financial Reports	Quarterly Financial Records	CKP/MiDA TAIPM	Quarterly, starting 2009
	Kilometers of feeder roads under works contracts	The length of feeder roads in kilometers under works contract for construction or rehabilitation. This may include building new roads or modifying existing roads.	Kilometers	Desk Review of Procurement Records	Procurement Performance Report	PMSC	Quarterly, starting 2010
	Kilometers of feeder roads designed	The length of roads designed. This may include building new roads or modifying existing roads. Existing roads may require periodic maintenance, reconstruction/resurfacing, or upgrading.	Kilometers	Desk Review of Periodic Progress Reports submitted by Supervising Consultant.	Quarterly Reports and Indicative Updates	PMSC	Quarterly, starting 2009
	Value of signed contracts for feasibility and/or design studies	The value of all contracts that MiDA has signed with contractors to develop feasibility and/or design studies for systems of feeder roads.	US\$	Desk Review of Financial Records	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, starting 2008
	Amount of signed contracts for design/feasibility studies disbursed	The amount disbursed of signed contracts for design/feasibility of new or rehabilitated roads systems.	US\$	Desk Review of Financial Records	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, starting 2008
	Percent of contracted design/feasibility studies completed	The amount disbursed against signed contracts for feasibility and/or design studies.	Percent	Desk Review of Procurement Records	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, starting 2008
	Number of Environmental	An Environmental Assessment analyzes the possible impact either positive or negative, that	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative	MiDA ESID	Quarterly, starting 2008

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Assessments approved	the Ghana MCA Program may have on the natural environment in the three Intervention Zones of the North, Afram and the South, as a result of its interventions. An Environmental Assessment Report is approved after it has gone through due diligence as stipulated by the Compact, and obtained clearance from MCC.			Updates of Environmental Protection Agency (EPA)		
	Number of RAPs for feeder roads as appropriate	A Resettlement Action Plan is a document which specifies the procedures that MiDA will follow and the actions it will take to mitigate adverse impacts and provide development benefits for persons and communities affected by its investment outputs.	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative Updates of Consultants.	MiDA ESID	Quarterly, starting 2008
<b>TRANSPORTATION PROJECT OBJECTIVE</b>	<b>REDUCE THE TRANSPORTATION COSTS AFFECTING AGRICULTURAL COMMERCE AT SUB-REGIONAL AND REGIONAL LEVELS</b>						
<b>N-1 ACTIVITY</b>	<b>Reduce the bottleneck in accessing the International Airport and the Port of Tema and to support an expansion of Ghana's SCHEDULE 2-2 export-directed horticulture base beyond current production</b>						
	Volume-to-Capacity Ratio on the N1	Volume-to-capacity (V/C) ratio is a conventional level-of-service measure for roadways, comparing roadway demand (vehicle volumes) with roadway supply (carrying capacity). Volume-to-Capacity (V/C) Ratio helps determine the level of traffic congestion on a road. Traffic Congestion is disaggregated into Severe, High, Moderate and Low levels.	Number	The methodology is based on the Highway Capacity Manual (HCM). Data on the V/C Ratio of the N1 will be collected by the Consultant and compared with baseline values. Data will be collected at selected points along the N1, for a period of 48 contiguous hours.	Quarterly Reports submitted by GHA and Indicative Updates	Ministry of Roads & Highways/ Ghana Highway Authority (GHA) – Planning Division/ PMSC	Measured once; at end of Project, 2011
	Vehicles per hour at peak hour	Number of vehicles on road at peak traffic hour. "Peak hour" also known as a "rush hour" is that part of the day characterized by busy traffic and congestion on the roads, with both private and public transport.	Number	Data will be collected by the Ghana Highway Authority (GHA) in selected weeks in the year by placing pneumatic tubes	Final Report submitted by GHA	Ministry of Roads & Highways/ Ghana Highway Authority (GHA) – Planning Division/PMSC	Measured once; at end of Project, 2011



PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
				connected to recording devices at selected points along the N1, for a period of 48 contiguous hours.			
	Travel time at peak hour	"Travel time" refers to time spent in minutes or hours by a driver to traverse the 14 km stretch of the N1 at peak hour. "Peak hour" also known as a "rush hour" is that part of the day characterized by busy traffic and congestion on the roads, with both private and public transport.	Minutes	Data will be collected by the Ghana Highway Authority (GHA) in selected weeks in the year, using a vehicle observer (data collector drives from one point and at end point).	Final Report submitted by GHA	Ministry of Roads & Highways/ Ghana Highway Authority (GHA) – Planning Division/PMSC	Measured once; at end of Project, 2011
	International Roughness Index	IRI is a road-surface quality measure (height of jumps in meters per kilometer distance).The IRI, though measured in meters/kilometer, can be expressed as a dimensionless quantity.	Number	Lane(s) and direction(s) of travel to be surveyed will be designated based on sound engineering principles and management needs within the GHA.	Final Report submitted by GHA	Ministry of Roads & Highways/ Ghana Highway Authority (GHA) – Planning Division/PMSC	Measured once; at end of Project, 2011
	Annualized Average Daily Traffic	Annual Average Daily Traffic (AADT) is the total volume of vehicle traffic in both directions of a highway or road for a year divided by 365 days. Number of vehicles per day adjusted for time-of-day and seasonal differences for each road.	Number	Use portable or removable equipment to conduct the survey for periods of 7-14 days. An AADT value is then extrapolated from the collected data	Final Report submitted by GHA	Ministry of Roads & Highways/ Ghana Highway Authority (GHA) – Planning Division/PMSC	Measured once; at end of Project, 2011
	Value of signed contracts for road works: N1, Lot 1	The value of all contracts that MiDA has signed with contractors for road construction of the N1, Lot 1.	US\$	Desk Review of Procurement Performance Report	Procurement Performance Report	CKP/MiDA TAIPM	Quarter 7 (2008)
	Amount of signed contracts for road works disbursed: N1, Lot 1	The amount disbursed of signed contracts for construction of new or rehabilitated roads systems.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Percent of contracted road works disbursed :	The amount disbursed against signed contracts for construction of new or rehabilitated roads systems. The value includes industry standard	Percent	Desk Review of Administrative and Financial Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, Starting 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	N1, Lot 1	advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.					
	Value of signed contracts for road works: N1, Lot 2	The value of all contracts that MiDA has signed with contractors for construction of the N1, Lot 2.	US\$	Desk Review of Procurement Performance Report	Procurement Performance Report	CKP/MiDA TAIPM	Quarter 11, (2009)
	Amount of signed contracts for road works disbursed: N1, Lot 2	The amount disbursed of signed contracts for construction of new or rehabilitated roads systems.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Percent of contracted road works disbursed: N1, Lot 2	The amount disbursed against signed contracts for construction of new or rehabilitated roads systems. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	Percent	Desk Review of Administrative and Financial Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Kilometers of N1 Lot 1 under works contracts	The length of roads in kilometers of N1 under works contract for construction or rehabilitation. The N1 refers to the 14.125 kilometer road from Tetteh-Quarshie Circle to Mallam Junction in Accra.	Kilometers	Desk Review of Procurement Records	Procurement Performance Report	CKP/MiDA TAIPM	Quarterly, starting 2009
	Kilometers of N1 Lot 2 under works contracts	The length of roads in kilometers of N1 under works contract for construction or rehabilitation. The N1 refers to the 14.125 kilometer road from Tetteh-Quarshie Circle to Mallam Junction in Accra.	Kilometers	Desk Review of Procurement Records	Procurement Performance Report	CKP/MiDA TAIPM	Quarterly, starting 2010
	Kilometers of N1 designed	The length of N1 designed. This may include building new roads or modifying existing roads. Existing roads may require periodic maintenance, reconstruction/resurfacing, or upgrading.	Kilometers	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	Quarterly Reports and Indicative Updates	PMSC	Quarter 7, Starting 2008
	Kilometers of road (N1) upgraded	The length of N1 upgraded. The N1 road is upgraded when planned segments are completed according to design specifications. This refers to the 14.125 kilometer road from Tetteh-Quarshie Circle to Mallam Junction in Accra.	Kilometers	Use of distance measurement instrument (DMI) mounted on vehicle.	Quarterly Reports submitted by GHA and Indicative Updates	Ministry of Roads and Highways/ Ghana Highway Authority Planning Division/ PMSC	Annually, Starting 2010

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Value of signed contracts for feasibility and/or design study	The value of all contracts that MiDA has signed with contractors to develop feasibility and/or design studies for systems of the N1 Highway.	US\$	Desk Review of Procurement Performance Report	Procurement Performance Report	CKP/MiDA TAIPM	Quarterly, Starting 2008
	Amount of signed contracts for design/feasibility studies disbursed	The amount disbursed of signed contracts for feasibility and/or design studies	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, Starting 2008
	Percent of contracted design/feasibility study completed	The amount disbursed against signed contracts for feasibility and/or design studies expressed as a percentage for the N1 Highway	Percent	Desk Review of Financial Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, Starting 2008
	Number of Environmental Assessments approved	An Environmental Assessment analyzes the possible impact either positive or negative, that the MiDA Program may have on the natural environment in the 14 km N1 corridor, as a result of its interventions. The Environmental Assessment Reports are approved after it has gone through due diligence as stipulated by the Compact, and clearance obtained from MCC.	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative Updates of Environmental Protection Agency (EPA)	MiDA ESID	Quarterly, Starting 2008
	Number of RAPs approved	A Resettlement Action Plan is a document which specifies the procedures that MiDA will follow and the actions it will take to mitigate adverse impacts and provide development benefits for persons and communities affected by its investment outputs.	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative Updates of Consultants	MiDA ESID	Quarterly, Starting 2008
<b>TRUNK ROADS ACTIVITY</b>	<b>Facilitate the growth of agriculture and access to social services</b>						
	International Roughness Index	IRI is a road-surface quality measure (height of jumps in meters per kilometer distance). The IRI, though measured in meters/kilometer, can be expressed as a dimensionless quantity.	Meters/ Kilometers	A laser would be mounted in a specialized van; the height of jumps by the laser would be measured whilst driven across the road or highway system.	Quarterly Reports submitted by GHA and Indicative Updates	Ministry of Roads & Highways/ Ghana Highway Authority (GHA) – Planning Division/PMSC	Measured once; at end of Project, January 2011
	Annualized Average	Annualized Average Daily Traffic (AADT) is the	Number	Use portable or	Quarterly Reports	Ministry of Roads &	

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Daily Traffic	total volume of vehicle traffic in both directions of a highway or road for a year divided by 365 days. Number of vehicles per day adjusted for time-of-day and seasonal differences for each road.		removable equipment to conduct the survey for periods of 7-14 days. An AADT value is then extrapolated from the collected data	submitted by GHA and Indicative Updates	Highways/ Ghana Highway Authority (GHA) – Planning Division/PMSC	Measured once; at end of Project, January 2011
	Kilometers of trunk roads completed	A trunk road is completed when planned segments of earmarked roads are upgraded according to design specifications and on time. This refers to the 362 kilometer road in the Afram Basin Zone to facilitate agriculture or give access to social services.	Kilometers	Use of distance measurement instrument (DMI) mounted on vehicle.	Quarterly Reports submitted by GHA and Indicative Updates	Ministry of Roads & Highways/ Ghana Highway Authority (GHA) – Planning Division/ PMSC	Quarterly, Starting 2010
	Value of signed contracts for road works	The value of all the contracts that MiDA has signed with contractors for construction of the trunk roads systems.	US\$	Desk Review of Performance Report	Procurement Performance Report	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Amount of signed contracts for trunk road works disbursed	The amount disbursed of amount in signed contracts for construction of new or rehabilitated roads systems.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Percent of contracted road works disbursed	The amount disbursed against amount in signed contracts for construction of new or rehabilitated roads systems. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	Percent	Desk Review of Financial and Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Kilometers of trunk roads under works contracts	The length of trunk roads in kilometers under works contract for construction or rehabilitation. This may include building new roads or modifying existing roads.	Kilometers	Desk Review of Procurement Reports	Procurement Performance Report	PMSC	Quarterly, starting 2009
	Kilometers of trunk roads designed	The length of roads designed. This may include building new roads or modifying existing roads. Existing roads may require periodic maintenance, reconstruction/resurfacing, or upgrading.	Kilometers	Desk Review of Administrative Reports	Quarterly Reports and Indicative Updates	PMSC	Quarterly, Starting 2009
	Value of signed contracts for feasibility and/or	The value of all contracts that MiDA has signed with contractors to develop feasibility and/or design studies for systems of trunk roads.	US\$	Desk Review of Financial Reports	Procurement Performance Report	CKP/MiDA TAIPM	Quarterly, Starting 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	design studies						
	Amount of signed contracts for design/feasibility studies disbursed	The amount disbursed of signed contracts for feasibility and/or design studies	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Percent of contracted (design/feasibility) studies completed	The amount disbursed against signed contracts for feasibility and/or design studies expressed as a percentage.	Percent	Desk Review of Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, Starting 2009
	Number of Environmental Assessments approved	An Environmental Assessment analyzes the possible impact either positive or negative, that the MiDA 'program may have on the natural environment in the Afram Basin Zone, as a result of its interventions. An Environmental Assessment Report is approved after it has gone through due diligence as stipulated by the Compact, and clearance obtained from MCC.	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative Updates of Environmental Protection Agency (EPA)	MiDA ESID	Quarterly, Starting 2009
	Number of RAPs approved	A Resettlement Action Plan is a document which specifies the procedures that MiDA will follow and the actions it will take to mitigate adverse impacts and provide development benefits for persons and communities affected by its investment outputs.	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative Updates of Consultants	MiDA ESID	Quarterly, Starting 2009
<b>FERRY ACTIVITY</b>	<b>Facilitate growth of the agricultural sector of the Afram Basin Zone</b>						
	Travel time for walk-on passengers	Travel Time is defined as the average time spent by walk-on passengers to cross River Afram at the Adawso Ekye-Amanfrom crossing; including time spent waiting to board ferry and to on- and off-load	Minutes	Specialized surveys for the baseline data. Monitoring data to be collected through protocols designed by the VLTC in consultation with MiDA	Quarterly Reports and Indicative Updates	VLTC	Measured once; at end of Project, 2011
	Travel time for small vehicles	Travel Time is defined as the average time spent by small vehicles to cross River Afram at the Adawso Ekye-Amanfrom crossing; including time spent waiting to board ferry and to on- and off-load	Minutes	Specialized surveys for the baseline data. Monitoring data to be collected through protocols designed by	Quarterly Reports and Indicative Updates	VLTC	Measured once; at end of Project, 2011

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
				the VLTC in consultation with MiDA			
	Travel time for trucks	Travel Time is defined as the average time spent by trucks to cross River Afram at the Adawso Ekye-Amanfrom crossing; including time spent waiting to board ferry and to on- and off-load. "Trucks" refer to haulage trucks and vehicles other than bicycles, motorcycles, saloon cars, 4x4, mini-buses, larger buses, etc.	Minutes	Specialized surveys for the baseline data. Monitoring data to be collected through protocols designed by the VLTC in consultation with MiDA	VLTC Report to MiDA	VLTC	Measured once; at end of Project, 2011
	Annualized Average Daily Traffic (vehicles)	Annualized Average Daily Traffic (AADT) is the total volume of vehicular traffic in both directions of the Ferry crossing routes for a year divided by 365 days. Number of vehicles per day is adjusted for time-of-day and seasonal differences for each crossing route.	Number	Use portable or removable equipment to conduct the survey for periods of 7-14 days. An AADT value is then extrapolated from the collected data	VLTC Report to MiDA	VLTC	Measured once; at end of Project, 2011
	Annualized Average Daily Traffic (passengers)	Annualized Average Daily Traffic (AADT) is the number of passengers per day, adjusted for time-of-day and seasonal differences	Number	Use portable or removable equipment to conduct the survey for periods of 7-14 days. An AADT value is then extrapolated from the collected data	VLTC Report to MiDA	VLTC	Measured once; at end of Project, 2011
	Rehabilitation of Akosombo Floating Dock Completed	Rehabilitation of the Akosombo Floating Dock is completed when it is upgraded from its poor condition to a better state to accommodate servicing of ferries plying the Volta Lake.	Date	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	VLTC Report to MiDA/ Supervision Consultant 's Progress Report	VLTC/ Construction Supervision Consultant	Measured once; Quarter 13, (2010)
	Percent Physical Completion of Civil Works at Landing Stages	Percent Physical Completion refers to work completed at the Ferry Landing Stages (at Adawso and Ekye Amanfrom) at a particular point in time, as compared to the projection of total work to complete the project.	Percent	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	VLTC Report to MiDA/ Supervision Consultant 's Progress Report	VLTC/ Construction Supervision Consultant	Quarterly, Starting 2010
	Landing stages rehabilitated	Landing stages rehabilitated refers to completion of work at the Ferry Landing Stages (at Adawso and Ekye Amanfrom) as specified in the design.	Number	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	VLTC Report to MiDA/ Supervision Consultant 's Progress Report	VLTC/ Construction Supervision Consultant	Measured twice; at completion of each stage (2011)

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Rehabilitation of landing stages completed	Rehabilitation of landing stages completed refers to the particular date when work at the Ferry Landing Stages (at Adawso and Ekye Amanfrom) as specified in the design is completed.	Date	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	VLTC Report to MiDA/ Supervision Consultant 's Progress Report	VLTC/ Construction Supervision Consultant	Measured once; (2011)
	Percent Physical Completion of Ferry Terminals	Percentage Physical Completion refers to work completed at the Ferry Terminals at a particular point in time, as compared to the projection of total work to complete the project.	Percent	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	VLTC Report to MiDA/ Supervision Consultant 's Progress Report	VLTC/ Construction Supervision Consultant	Measured twice; at completion of each stage (2011)
	Ferry Terminals upgraded	Ferry Terminal is upgraded when work has been completed to the specifications of the design.	Number	Physical inspection and analysis of specific sub work activities by Supervision Consultant.	VLTC Report to MiDA/ Supervision Consultant 's Progress Report	VLTC/ Construction Supervision Consultant	Measured once; (2011)
	Value of signed contracts for design/feasibility studies: Ferry and Floating Dock	The value of all contracts signed with consultant for ferry and floating dock design/feasibility studies.	US\$	Desk Review of Performance Report	Procurement Performance Report	CKP/MiDA TAIPM	Measured once; 2008
	Amount of signed contracts for design/feasibility studies disbursed: Ferry and Floating Dock	The amount of contracts for design/feasibility studies of ferry and floating dock disbursed. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	US\$	Desk Review of Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, starting in 2008
	Percent of contracted design/feasibility studies disbursed: Ferry and Floating Dock	The amount disbursed against signed contracts for design/feasibility studies of ferry and floating dock. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	Percent	Desk Review of Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, starting in 2008
	Value of signed contracts for works: Ferry and Floating Dock	The value of all contracts that MCAs have signed with contractors for construction of ferry and floating dock.	US\$	Desk Review of Performance Report	Procurement Performance Report	CKP/MiDA TAIPM	Measured once; (2010)
	Amount of signed contracts for works	The amount of contracts for construction of ferry and floating dock disbursed. The value	US\$	Desk Review of Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, starting in 2010

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	disbursed: Ferry and Floating Dock	includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.					
	Percent of contracted work disbursed: Ferry and Floating Dock	The amount disbursed against signed contracts for construction of ferry and floating dock. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	Percent	Desk Review of Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, starting in 2010
	Value of signed contracts for works: Landings and Terminals	The value of all contracts that MCAs have signed with contractors for construction of new landings and terminals.	US\$	Desk Review of Performance Report	Procurement Performance Report	CKP/MiDA TAIPM	Once in 2010
	Amount of contracted works disbursed: Landings and Terminals	The amount disbursed for rehabilitation of landings and terminals. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	US\$	Desk Review of Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, starting in 2010
	Percent of contracted work disbursed: Landings and Terminals	The amount disbursed against signed contracts for rehabilitation of landings and terminals. The value includes industry standard advance payments and mobilization fees and, therefore, does not correlate precisely with physical progress.	Percent	Desk Review of Administrative Reports	Quarterly Financial Report	CKP/MiDA TAIPM	Quarterly, starting in 2010
<b>RURAL DEVELOPMENT PROJECT</b>	<b>STRENGTHEN THE RURAL INSTITUTIONS THAT PROVIDE SERVICES COMPLEMENTARY TO, AND SUPPORTIVE OF, AGRICULTURAL AND AGRI-BUSINESS</b>						
<b>PROCUREMENT CAPACITY ACTIVITY</b>	<b>Support the development of procurement professionals and reinforce the capabilities of government to procure goods and services</b>						
	Number of practicing procurement personnel who complete training modules	Number of staff with requisite professional qualification at post in Procurement Units who have undergone Training based on MiDA/PPA modules, by Category (professional, support, etc.) since commencement of training	Number of staff	Review of PPA Records	PPA Database	Procurement Capacity Activity (PCA) Consultant	Annually, starting in 2010
	Number of	Number of interns posted to Procurement Units	Number	Review of PPA Records	PPA Database	Procurement	Annually,



PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	individuals completing Internships at Ministries Departments and Agencies (MDAs) and Metropolitan, Municipal and District Assemblies (MMDAs)	of Ministries Departments, and Agencies; and Metropolitan, Municipal, and District Assemblies etc. each year who complete their periods of internship and receive due satisfactory recommendation from their superiors				Capacity Activity Consultant	starting in 2010
	Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework	Number of students pursuing procurement-related courses at various tertiary institutions (namely Polytechnics and Universities) who successfully complete one year of coursework as prescribed by the institution. The coursework should at least in part be based on modules developed by MiDA/PPA	Number	Review of Students Academic Performance	Records of Tertiary Institutions	Procurement Capacity Activity Consultant	Annually, starting in 2010
	Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework	Number of students pursuing procurement-related courses at various tertiary institutions (namely Polytechnics and Universities) who successfully complete two years of coursework as prescribed by the institution. The coursework should at least in part be based on modules developed by MiDA/PPA	Number	Review of Students Academic Performance	Records of Tertiary Institutions	Procurement Capacity Activity Consultant	Annually, starting in 2009
	Number of Interns who gain employment in public procurement.	Number of interns who have ever received support from MiDA/PCA who gain employment in public procurement after completion of course in a tertiary institution. This employment could be temporary or permanent.	Number	Tracer Study	Survey Report	Data Collection Consultant	Once in the last quarter of 2011
	Number of Tertiary Institutions using the Modules developed by Public Procurement Authority /MiDA	Number of tertiary institutions that use modules developed by MiDA/PPA as part of the curricula in degree programs	Number	Review of PPA Records	PPA Database	PCA Consultant	Annually, starting in 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Number of Institutions that agree to accept Interns	Number of institutions that agree to accept interns supported by MiDA/PPA. There should be an agreement signed with Institutions who will support implementation of internship program	Number	Review of PPA Records	PPA Database	PCA Consultant	Annually, starting in 2009
<b>COMMUNITY SERVICES ACTIVITY<sup>9</sup></b>	<b>Enhance the sustainability of the Agriculture Project by providing the necessary infrastructure to improve health of communities, to enhance skill development through access to education, and to facilitate small-scale post-harvest processing of agricultural products<sup>10</sup></b>						
<b>LOCAL GOVERNMENT SERVICE DELIVERY</b>	Level of citizen satisfaction with services	Client feedback on the performance of public services. It combines qualitative and quantitative methods to collect useful demand side data that can help improve the performance of public services.	A scale of 1 to 5; 1 = Very dissatisfied, ..., 5 = Very satisfied	Survey of Households in communities benefitting from MiDA interventions	Survey Report on Citizen Satisfaction Survey	Data Collection Support Consultant	Baseline 2009 Annually in 2010 and 2011
<b>EDUCATION FACILITIES SUB-ACTIVITY</b>	Number of students enrolled in schools affected by education facilities sub-activity	The total number of pupils enrolled in school blocks constructed or rehabilitated by MiDA in all 30 operational Districts. School Levels include Kindergarten, Primary and Junior High.	Number	Review of the annually published MOE Education Statistics to extract enrolment data on basic schools MiDA has completed construction and in use.	MOE Education Statistics of the Policy Planning, Budgeting, Monitoring & Evaluation (PPBME) Division of MOE; District Education Offices (DEOs) Enrolment Data.	MOE PPBME and DEOs.	Annually, starting 2008/2009 Academic Year in Oct/Nov.
	Additional female students enrolled in schools affected by Education Facilities Sub-Activity	The total of the incremental female students enrolled in school blocks constructed or rehabilitated by MiDA in all 30 operational Districts. School Levels include Kindergarten, Primary and Junior High.	Number	Review of data on basic schools affected by MiDA from the annually published MOE Education Statistics.	MOE Education Statistics of the Policy Planning, Budgeting, Monitoring & Evaluation (PPBME) Division of MOE; District	MOE PPBME and DEOs.	Annually, starting 2008/2009 Academic Year in Oct/Nov.

<sup>9</sup> Primary source of baseline data for community services (Education, water and sanitation, and rural electrification) will be the GLSS5+ survey report, but other data may be collected by a third party contractor, e.g. Feasibility Study Consultant, as needed.

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
					Education Offices (DEOs) Enrolment Data		
	Number of school blocks rehabilitated	Number of school blocks rehabilitated under Phase 1A in 10 of the 30 MiDA Districts.	Number	Desk Review of IDIQ Consultants' Reports	Quarterly Reports and Indicative Updates of Community Services PMSC	Community Services PMSC	Quarterly, starting in 2008
	Number of school blocks constructed	Aggregated number of 2-unit, 3-unit and 6-unit school blocks constructed under Phase 1B and Phase 2 in all MiDA Districts to acceptable standards specified in MiDA Educational facilities construction works orders.	Number	Desk Review of IDIQ Consultants' Reports	Quarterly Reports and Indicative Updates of Community Services PMSC	Community Services PMSC	Quarterly, starting in 2008
	Number of school blocks designed and diligenced	Aggregated number of Kindergarten, Primary and Junior High schools designed and diligence. Designed and diligence means MiDA has accepted the final report on Feasibility Studies by IDIQ Consultants on the schools	Number	Desk Review of IDIQ Consultants' Design and Feasibility Studies Reports	Quarterly Reports and Indicative Updates of Community Services PMSC	Community Services PMSC	Quarterly, starting in 2008
	Value of signed works contracts for MCC-supported educational facilities (construction/rehabilitation)	Value of signed contracts, in US Dollars, for educational facility construction or rehabilitation	US\$	Desk Review of Procurement Reports	Procurement Performance Report	CKP/MiDA CSPM	Quarterly, starting 2008
	Amount of signed contract sums for works (school construction/rehabilitation) disbursed	The aggregate of amounts disbursed of the total value of all signed contracts for education facility works.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2008
	Percent of works contract sums (school construction/rehabilitation) disbursed	The aggregate of amounts disbursed divided by the total value of all signed contracts for education facility works. This is a proxy indicator for physical completion of education facility works. However, since the numerator includes industry standard advance payments and mobilization fees, it does not correlate perfectly with physical progress.	Percentage	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2008

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Shortlist of IDIQ consultants/contractors developed	IDIQ Consultants for feasibility studies on basic schools construction pre-qualified through the MiDA procurement process.	Date	Desk Review of IDIQ Consultants' Reports	Quarterly Reports and Indicative Updates of Community Services PMSC	Community Services PMSC	Measured once; in Quarter 7, 2008
WATER AND SANITATION SUB-ACTIVITY	Distance to collect water	Average distance between houses and water source in meters within the areas affected by the MiDA water/sanitation intervention.	Meters	Household Survey	Data Collection Support Consultant's Descriptive Reports – Phases 1, 2 & 3.	Data Collection Support Consultant	Baseline in 2009 and follow up in 2011.
	Time to collect water	Time spent collecting water, including travel and waiting time within the areas affected by the MiDA water/sanitation intervention.	Minutes	Household Survey	Data Collection Support Consultant's Descriptive Reports – Phases 1, 2 & 3.	Data Collection Support Consultant	Baseline in 2009 and follow up in 2011.
	Number of guinea worm cases reported in MiDA Districts	Number of guinea worm cases identified in the MiDA districts.	Number	Active Surveillance - finding cases in the community mainly through door to door surveys.	Ghana Guinea Worm Eradication Program (GGWEP) Database	Ghana Guinea Worm Eradication Program (GGWEP)	Baseline in 2008 and follow up in 2011.
	Volume of domestic water consumption per capita per day	Domestic water consumed at the household unit measured in liters per capita per day (lpcpd)	liters	Survey of Households whose main source of drinking water is as a result of MCC investment(s) in water supply.	Data Collection Support Consultant Reports - Phases 1, 2 & 3.	Data Collection Support Consultant	Baseline in 2009; Annually in 2010 and 2011
	Number of people affected by Water and Sanitation Facilities Sub-Activity	Population of communities benefiting from the Stand-alone boreholes/wells/non-conventional water systems, Small Town Water Systems and Pipe Extension Projects executed by MiDA.	Number	Population and Housing Census of Households whose main source of drinking water is the MCC-funded water investments	2010 Population and Housing Census Data on beneficiary communities.	Ghana Statistical Service (GSS)	Baseline (None); final in December 2011.
	Number of people trained in hygiene and sanitary best	Number of people who have completed training in sanitary practices. Training completion means 80% attendance to total number of	Number	Extraction from Records of IDIQ Consultants - Training Attendance	Quarterly Reports of Community Services PMSC	Community Services PMSC	Baseline (None); Quarterly

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	practices	training sessions organized.		List.			starting 2010
	Number of Households with access to improved water supply	Number of households whose main source of drinking water is a private piped connection (into dwelling or yard), public tap/standpipe, borehole, or small town water system as a result of MCC investment(s).	Number	Population and Housing Census of Households whose main source of drinking water is the MCC-funded water investments	2010 Population and Housing Census Data on beneficiary communities.	Ghana Statistical Service (GSS)	Baseline is (None); final in December 2011.
	Number of water points constructed	Number of stand-alone water supply systems such as Boreholes, and all draw-off points of small town water systems and any private connections (dwelling or yard) made from pipe extension constructed with MCC funds	Number	Physical count of water points constructed with MCC funds in the beneficiary communities	Quarterly Reports of Community Services PMSC	Community Services PMSC	Baseline is (None ); Quarterly, starting 2010
	Value of Boreholes construction contracts signed	Value of signed contracts, in US Dollars, for Boreholes construction or rehabilitation	US\$	Desk Review of Procurement Reports	Procurement Performance Report	CKP/MiDA CSPM	Quarterly, starting 2010
	Amount of works contract sums for Boreholes disbursed	The aggregate amount disbursed of total contract sums for Borehole works.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Percent of works contract sums for Boreholes disbursed	The aggregate amount disbursed divided by total contract sums for Borehole works. This is a proxy indicator for physical completion of Borehole works.	Percentage	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Value of Pipe Extension Projects construction contracts signed	Value of signed contracts, in US Dollars, for Pipe Extension Projects construction or rehabilitation	US\$	Desk Review of Procurement Reports	Procurement Performance Report	CKP/MiDA CSPM	Quarterly, starting 2010
	Amount of works contract sums for Pipe Extension Projects disbursed	The aggregate amount disbursed of total contract sums for Pipe Extension works.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Percent of works contract sums for Pipe Extension Projects disbursed	The aggregate amount disbursed divided by total contract sums for Pipe Extension works. This is a proxy indicator for physical completion of Pipe Extension works.	Percentage	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Value of Tamale Water Extension Project construction	Value of signed contracts, in US Dollars, for Tamale Water Extension Project (TWEP) construction or rehabilitation	US\$	Desk Review of Procurement Reports	Procurement Performance Report	CKP/MiDA CSPM	Quarterly, starting 2010

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	contract signed						
	Amount of works contract sum for Tamale Water Extension Project disbursed	The aggregate amount disbursed of total contract sum for Tamale Water Extension Project works.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Percent of works contract sum for Tamale Water Extension Project disbursed	The aggregate amount disbursed divided by total contract sum for Tamale Water Extension Project works. This is a proxy indicator for physical completion of Tamale Water Extension Project works.	Percentage	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Value of Small Town Water Systems construction contracts signed	Value of signed contracts, in US Dollars, for Small Town Water Systems construction or rehabilitation	US\$	Desk Review of Procurement Reports	Procurement Performance Report	CKP/MiDA CSPM	Quarterly, starting 2010
	Amount of works contract sums for Small Town Water System disbursed	The aggregate amount disbursed of total contract sums for Small Town Water System works.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Percent of works contract sums for Small Town Water System disbursed	The aggregate amount disbursed divided by total contract sums for Small Town Water System works. This is a proxy indicator for physical completion of Pipe Extension works.	Percentage	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2010
	Number of stand-alone boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction	Aggregate number of stand-alone Boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction	Number	Desk Review of IDIQ Consultants' Reports	Quarterly Reports of Community Services PMSC	Community Services PMSC	Quarterly, starting in 2009
	Number of Small Town Water Systems (STWS) designed and diligenced for	Aggregate number of small town water systems designed and diligenced for construction. Designed and diligence means MiDA has accepted the final report on Feasibility Studies from the Water and Sanitation IDIQ	Number	Desk Review of IDIQ Consultants' Reports	Quarterly Reports of Community Services PMSC	Community Services PMSC	Quarterly, starting in 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	construction	Consultants.					
	Number of Pipe Extension Projects designed and diligenced for construction	Aggregate number of Pipe Extension Projects designed and diligenced for construction. Designed and diligence means MiDA has accepted the final report on Feasibility Studies from the Water and Sanitation IDIQ Consultants	Number of projects	Desk Review of IDIQ Consultants' Reports	Quarterly Reports of Community Services PMSC	Community Services PMSC	Quarterly, starting in 2009
	Value of Feasibility and/or Detailed Design Contracts for Boreholes, Small Town Water Systems and Pipe Extension Projects signed	The value of all contracts that MiDA has signed with Consultants to conduct feasibility studies, designs and supervision of construction of Boreholes, Small Town Water Systems and Pipe Extension Projects.	US\$	Desk Review of Procurement Records	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2009
	Amount of consultancy fees disbursed for Boreholes, Small Town Water Systems and Pipe Extension Projects feasibility studies	The amount disbursed of total consultancy fees for feasibility and/or design studies and construction supervision of Boreholes, Small Town Water Systems and Pipe Extension Projects.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2009
	Percent of consultancy fees disbursed for Boreholes, Small Town Water Systems and Pipe Extension Projects feasibility studies	The amount disbursed divided by total consultancy fees for feasibility and/or design studies and construction supervision of Boreholes, Small Town Water Systems and Pipe Extension Projects.	Percentage	Desk Review of Financial Records	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2009
	Value of Feasibility and/or Detailed Design Contract for Tamale Water Extension Project signed	The value of contract that MiDA has signed with consultant to develop feasibility studies designs and supervise construction of Tamale Water Extension Project.	US\$	Desk Review of Procurement Records	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2009

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Amount of consultancy fees disbursed for Tamale Water Extension Project feasibility studies	The amount disbursed of total consultancy fees for feasibility studies, designs and supervision of construction of the TWEF.	US\$	Desk Review of Financial Reports	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2009
	Percent of consultancy fees disbursed for Tamale Water Extension Project feasibility studies	The amount disbursed divided by total consultancy fees for feasibility studies, designs and supervision of construction of the TWEF.	Percentage	Desk Review of Financial Records	Quarterly Financial Reports	CKP/MiDA CSPM	Quarterly, starting 2009
<b>RURAL ELECTRIFICATION SUB-ACTIVITY</b>	Number of agricultural facilities in target districts with electricity due to Rural Electrification Sub-Activity	Aggregate number of agricultural processing plants, post-harvest infrastructure, pack houses and irrigation facilities with functional electricity extended to them by MiDA	Number	Desk Review of IDIQ Consultants' Reports	Quarterly Reports of Community Services PMSC	Community Services PMSC	Quarterly. Starting in 2009
	Number of electricity projects identified and diligenced	Aggregated number of electricity projects identified and diligenced. Identified and diligence means MiDA has accepted the final report on Feasibility Studies from the rural electrification IDIQ Consultants	Number	Desk Review of IDIQ Consultants' Reports	Quarterly Reports of Community Services PMSC	Community Services PMSC	Quarterly, starting in 2009
	Kilometers of electricity lines identified and diligenced	Aggregated Kilometers of high voltage and low voltage electric power distribution lines identified and diligenced in all MiDA Districts. Identified and diligence means MiDA has accepted the final report on Feasibility Studies from the rural electrification IDIQ Consultants	Kilometer	Desk Review of IDIQ Consultants' Reports	Quarterly Reports of Community Services PMSC	Community Services PMSC	Quarterly. Starting in 2009
<b>FINANCIAL SERVICES ACTIVITY</b>	Number of inter-bank transactions	Number of checks received by rural banks plus number of remittances received by these banks. The financial services intervention is at two levels: Bank of Ghana (for all clearing banks in the country, that is, mainly commercial banks and the Apex Bank acting as a clearing bank for all the rural banks), and Rural Banks	Number	Apex Bank and PMSC will collect data from the records of participating financial institutions and report to Steering Committee.	Apex Bank Administrative records and Steering Committee Reports	PMSC, with the support of APEX Bank	Semi-annually, starting 2008



PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
		(nationwide). Inter-bank transaction is a record of business conducted among banks on behalf of their customers as well as on their own behalf.					
	Value of deposit accounts in rural banks	Value of total deposits in Rural Banks nationwide.	US\$	Apex Bank and PMSC will collect data from the records of participating financial institutions and report to Steering Committee.	Apex Bank Administrative records and Steering Committee Reports	PMSC, with the support of APEX Bank	Semi-annually, starting 2008
	Number of Banks Automated under the Automation / Computerization and interconnectivity of Rural Bank Activity	Number of Financial Institutions that have been Automated/Computerized under the Financial Services component of the MiDA Compact	Number	Apex Bank and PMSC will collect data from the records of participating financial institutions and report to Steering Committee.	Apex Bank Administrative records and Steering Committee Reports	PMSC, with the support of APEX Bank	Semi-annually, starting 2008
	Number of Banks Connected to the WAN	Number of Financial Institutions that have been connected to the WAN under the Financial Services component of the MiDA Compact	Number	Apex Bank and PMSC will collect data from the records of participating financial institutions and report to Steering Committee.	Apex Bank Administrative records and Steering Committee Reports	PMSC, with the support of APEX Bank	Semi-annually, starting 2008
	Project Management Support Consultant (PMSC) contract signed	The project Management Support Consultant will be responsible for oversight of the Financial Services Program	Date	Desk Review of Procurement Performance Report	Procurement Performance Report	MiDA AFSBCBM	Measured once; in Quarter 8, 2009
ENVIRONMENTAL AND SOCIAL	Scoping Reports for the 3 Zones Delivered	A Scoping Report identifies issues that should be addressed in the environmental assessment in geographic areas where MiDA rolls out its investments. These include the Northern, Afram Basin and Southern Zones. A Scoping Report is delivered when it is handed over to MiDA by a consultant procured to under this activity within agreed timelines.	Date	Review of Quarterly Report	Quarterly Reports and Indicative Updates	MiDA ESID	Measured once; in Quarter 5, 2008

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
	Public Consultation Strategy approved	A Public Consultation Strategy is approved when the strategy goes through due diligence and obtains 'No Objection' from MiDA's Board of Directors and MCC.	Date	Review of Quarterly Report	Quarterly Reports and Indicative Updates	MiDA ESID	Measured once; in Quarter 5, 2008
	Draft Preliminary SEA approved	The SEA is the Strategic Environmental Assessment that will provide the frame work for the Environmental component of the program.	Date	Review of Quarterly Report	Quarterly Reports and Indicative Updates	MiDA ESID	Measured once; in Quarter 6, 2008
	Compact Level Environmental Indicators submitted	These are higher level indicators that will enable MiDA and related stakeholders track environmental issues in the program	Date	Review of Quarterly Report	Quarterly Reports and Indicative Updates	MiDA ESID	Measured once; in Quarter 6, 2008
	Environmental Protection Agency (EPA) IEA signed	The EPA is the agency for restoring environmental compliance in Ghana. The IEA is an agreement between them and MiDA that will enable them carry out this function under the MiDA program	Date	Review of Quarterly Report	Quarterly Reports and Indicative Updates	MiDA ESID	Measured once; in Quarter 5, 2008
	Total Number of Resettlement Action Plans (RAP) approved	A Resettlement Action Plan is a document which specifies the procedures that MiDA will follow and the actions it will take to mitigate adverse impacts and provide development benefits for persons and communities affected by its investment outputs. The total RAPs refer to all the RAPs being under taken under the various MiDA projects.	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative Updates	MiDA ESID	Quarterly, Starting 2009
	Total Number of Environmental Assessments approved	An Environmental Assessment analyzes the possible impact either positive or negative, that MiDA's Program may have on the natural environment in the intervention Zones as a result of its interventions. An Environmental Assessment Report is approved after it has gone through due diligence as stipulated by the Compact, and clearance obtained from MCC. Total RAPs refer to all the environmental assessments being under taken under the various MiDA projects.	Number	Desk Review of Administrative Records	Quarterly Reports and Indicative Updates	MiDA ESID	Quarterly, Starting 2009
MONITORING	Clean GLSS5+	This is a process indicator to measure progress	Date	Review of Quarterly	M & E Quarterly	MiDA M&E Director	Measured

PROGRAM COMPONENT	INDICATOR	INDICATOR DEFINITION	MEASURE MENT UNIT	DATA COLLECTION METHOD	DATA SOURCE	RESPONSIBLE ENTITY	FREQUENCY & PERIODS OF DATA COLLECTION
AND EVALUATION	baseline data received by MiDA	towards the evaluation of the compact and to obtain baseline data		Report	Report		once; in Quarter 9, 2009
	FBO survey launched	The launching of the FBO is a major milestone that marks the commencement of the evaluation of the CDFO project.	Date	Review of Quarterly Report	M &E Quarterly Report	MiDA M&E Director	Measured once; in Quarter 7, 2008
	FBO baseline data received by MiDA	This is a process milestone that marks the end of the survey data collection and data processing. It provides baseline data for MiDA's ITT.	Date	Review of Quarterly Report	M &E Quarterly Report	MiDA M&E Director	Measured once; in Quarter 9, 2009
	Feeder Roads Investment Evaluation contract signed	The Feeder Roads Investment Evaluation is a specialized survey that will assist MiDA in evaluating the feeder roads project. The date for the signing of the contract is a major milestone.	Date	Review of Quarterly Report	M &E Quarterly Report	MiDA M&E Director	Measured once; in Quarter 7, 2008

## Annex II: Indicators, Baselines and Targets

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Ghana Compact/MiDA Program	0.1 Compact Goal	Goal	Net Income/Revenue	US\$	Level	464					888	888
Ghana Compact/MiDA Program	0.1 Compact Goal	Goal	Crop Income (Northern Zone)	US\$	Level	230					541	541
Ghana Compact/MiDA Program	0.1 Compact Goal	Goal	Crop Income (Afram Basin Zone - East)	US\$	Level	302					467	467
Ghana Compact/MiDA Program	0.1 Compact Goal	Goal	Crop Income (Afram Basin Zone - West)	US\$	Level	700					1,693	1,693
Ghana Compact/MiDA Program	0.1 Compact Goal	Goal	Crop Income (Southern Zone)	US\$	Level	468.4					623	623
Ghana Compact/MiDA Program	0.1 Compact Goal	Goal	Crop Income from staples	US\$	Level	457.13					907	907
Ghana Compact/MiDA Program	0.1 Compact Goal	Goal	Crop Income from high-value crops	US\$	Level	526.4					969	969
Agriculture	0.2a Program Objective 1	Objective	Productivity of land in Afram Basin Zone: Maize	Metric tons/ hectare	Level	2.48			2.50	2.58	2.78	2.78
Agriculture	0.2a Program Objective 1	Objective	Productivity of land in Northern Zone: Soya	Metric tons/ hectare	Level	1.36			1.37	1.41	1.52	1.52
Agriculture	0.2a Program Objective 1	Objective	Productivity of land in Southern Zone: Export-grade Pineapple	Metric tons/ hectare	Level	25.66			25.92	27.71	32.33	32.33

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	0.2b Program Objective 2	Objective	Additional Ghanaian agricultural exports: Pineapple	Metric tons	Cumulative	0			8,300	14,500	21,700	21,700
Agriculture	0.2b Program Objective 2	Objective	Additional Ghanaian agricultural exports: Mango	Metric tons	Cumulative	0				576	2,913	2,913
Agriculture	0.2b Program Objective 2	Objective	Additional Ghanaian agricultural exports: Fresh vegetables (pepper)	Metric tons	Cumulative	0			1344	2192	3178	3178
Agriculture	0.2b Program Objective 2	Objective	Market share of Ghanaian pineapple exports on the European market	Percentage	Level	2.50					3.0	3.0
Agriculture	1.1. Commercial Agricultural Training	Outcome	Percent of FBOs meeting market targets	Percentage	Level	0			50%	55%	60%	60%
Agriculture	1.1. Commercial Agricultural Training	Output	Number of agribusinesses assisted	Number	Cumulative	0		310	960	1,310	1,320	1,320
Agriculture	1.1. Commercial Agricultural Training	Outcome	Hectares under production with MCC support	Hectares	Cumulative	0		280	9,380	27,100	25,960	53,060
Agriculture	1.1. Commercial Agricultural Training	Outcome	Number of farmers adopting new technologies and farming methods	Number	Cumulative	0		5,100	17,850	33,150	42,500	42,500

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.1. Commercial Agricultural Training	Outcome	Number of enterprises that have applied improved techniques	Number	Cumulative	0			7	460	700	700
Agriculture	1.1. Commercial Agricultural Training	Outcome	Percent of post harvest loss at farm-gate: maize	Percentage	Level	12.2					10.3	10.3
Agriculture	1.1. Commercial Agricultural Training	Outcome	Percent of post harvest loss at farm-gate: fresh pepper	Percentage	Level	5.3					4.5	4.5
Agriculture	1.1. Commercial Agricultural Training	Output	Number of FBOs trained in Commercial Agriculture	Number	Cumulative	0		300	900	1,000		1,000
Agriculture	1.1. Commercial Agricultural Training	Output	Number of farmers trained in Commercial Agriculture	Number	Cumulative	0		15,000	45,000	50,000		50,000
Agriculture	1.1. Commercial Agricultural Training	Process milestone	Training and Technical Services Provider Task Orders issued	Number	Cumulative	0		58	232	250		250
Agriculture	1.1. Commercial Agricultural Training	Process milestone	Value Chains mapped	Number	Level	0		17				17
Agriculture	1.1. Commercial Agricultural Training	Process milestone	Blanket Purchase Agreements awarded	Number	Level	0		29				29
Agriculture	1.1. Commercial Agricultural Training	Process milestone	Guidelines on Irrigation Development developed and approved by MCC	Date	Date	None		22-Aug-08				22-Aug-08

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.1. Commercial Agricultural Training	Process milestone	Guidelines on post-harvest developed and approved by MCC	Date	Date	None		22-Aug-08				22-Aug-08
Agriculture	1.1. Commercial Agricultural Training	Process milestone	Guidelines on FBO vouchers developed and approved by MCC	Date	Date	None		15-Aug-08				15-Aug-08
Agriculture	1.2. Irrigation Activity	Outcome	Additional hectares irrigated with MCC support	Hectares	Cumulative	0		280	1,380	2,300	4,200	4,200
Agriculture	1.2. Irrigation Activity	Output	Number of irrigation facilities constructed/ rehabilitated	Number	Cumulative	0					10	10
Agriculture	1.2. Irrigation Activity	Process milestone	Hectares of land with potential for new/rehabilitated irrigation facilities identified	Hectares	Cumulative	0		5,060				5,060
Agriculture	1.2. Irrigation Activity	Process milestone	Number of Feasibilities Studies approved	Number	Cumulative	0			10			10
Agriculture	1.2. Irrigation Activity	Process milestone	Value of signed contracts for feasibility and/or design studies	US\$	Cumulative	0			Not required	Not required	Not required	Not required
Agriculture	1.2. Irrigation Activity	Process milestone	Amount of contracted design/feasibility studies for irrigation completed	US\$	Cumulative	0			1,547,900.09	2,730,524.70	3,616,589.00	3,616,589.00
Agriculture	1.2. Irrigation Activity	Process milestone	Percent of contracted design/ feasibility studies for irrigation completed	Percentage	Cumulative	0			42.8	75.5	100	100

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.2. Irrigation Activity	Process milestone	Value of signed contracts for irrigation works	US\$	Cumulative	0				Not required		Not required
Agriculture	1.2. Irrigation Activity	Process milestone	Amount of value of contracted irrigation works disbursed	US\$	Cumulative	0				Not required	Not required	Not required
Agriculture	1.2. Irrigation Activity	Process milestone	Percent of value of contracted irrigation works disbursed	Percentage	Cumulative	0				40	100	100%
Agriculture	1.3. Land Activity	Outcome	Percent of people aware of their land rights in the pilot land registration areas	Percentage	Level	42.6 <sup>11</sup>				55.38	63.9	63.9
Agriculture	1.3. Land Activity	Outcome	Percent of identified land disputes resolved in the Pilot Land Registration Areas	Percentage	Level	0			70%	75%	80%	80%
Agriculture	1.3. Land Activity	Outcome	Total number of Land Parcels Registered in the Pilot Land Registration Areas	Number	Cumulative	0			1,800	3,300	3,500	3,500
Agriculture	1.3. Land Activity	Outcome	Rural hectares formalized	Hectares	Cumulative	0			2,713	4,653	5,100	5,100
Agriculture	1.3. Land Activity	Output	Rural hectares mapped	Hectares	Cumulative	0		2,713	5,673	6,653	7,000	7,000

<sup>11</sup> The Baseline is based on data from Savelugu Nanton District only. This is a proxy for the PLRAs. The 50.8% for Awutu Senya District was not included in the baseline because interventions had already taken place before baseline data was collected.



							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.3. Land Activity	Output	Total number of land parcels surveyed in the Pilot Land Registration Areas	Number	Cumulative	0		1,024	2,824	4,800		4,800
Agriculture	1.3. Land Activity	Process milestone	Parcels of land inventoried in the Pilot Land Registration Areas	Number	Cumulative	0		1,024	2,824	4,800		4,800
Agriculture	1.3. Land Activity	Outcome	Percent of backlog of land cases cleared by the Judicial Service	Percentage	Level	0				95%		95%
Agriculture	1.3. Land Activity	Process milestone	Backlog of land cases identified	Date	Date	None			15-Jun-2009			15-Jun-2009
Agriculture	1.3. Land Activity	Process milestone	Procurement of Needs Assessment Consultant completed	Date	Date	None		27-Oct-2008				27-Oct-2008
Agriculture	1.3. Land Activity	Process milestone	Road Map and TORs for Public Education and Small Grants finalized and approved	Date	Date	None		26-Nov-2008				26-Nov-08
Agriculture	1.3. Land Activity	Process milestone	Number of preparatory studies completed	Number	Cumulative	0		3				3
Agriculture	1.3. Land Activity	Process milestone	Legal and Regulatory reforms adopted	Number	Cumulative	0		1		2		2
Agriculture	1.3. Land Activity	Output	Number of landholders reached by public outreach efforts	Number	Cumulative	0		4,000	10,000			10,000
Agriculture	1.3. Land Activity	Output	Number of Personnel Trained	Number	Cumulative	0		6	200			200

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.3. Land Activity	Output	Number of buildings rehabilitated/constructed	Number	Cumulative	0			1	3		3
Agriculture	1.3. Land Activity	Process milestone	Value of equipment purchased	US\$	Cumulative	0		66,000	266,000			266,000
Agriculture	1.4. Post-Harvest Activity	Outcome	Volume of products passing through post-harvest treatment	Metric tons	Cumulative	0			111,820	241,720	385,120	385,120
Agriculture	1.4. Post-Harvest Activity	Output	Number of Cooling facilities installed	Number	Cumulative	0		7			12	12
Agriculture	1.4. Post-Harvest Activity	Output	Area of cold storage facilities constructed	Square Meters	Cumulative	0		1,021			2,081	2,081
Agriculture	1.4. Post-Harvest Activity	Output	Area of Pack Houses and other Post-Harvest Infrastructure (PHI) constructed	Square Meters	Cumulative	0				9,040	12,940	12,940
Agriculture	1.4. Post-Harvest Activity	Process milestone	Number of Feasibility Studies approved	Number	Cumulative	0			5			5
Agriculture	1.4. Post-Harvest Activity	Process milestone	Pack House/other Post-Harvest Infrastructure sites identified	Date	Date	None			31-Dec-09			31-Dec-09
Agriculture	1.5. Credit Activity	Outcome	Portfolio-at-risk of agricultural loan fund	Percentage	Level	0%		20%	20%	20%	20%	20%
Agriculture	1.5. Credit Activity	Outcome	Value of loans disbursed to clients from agricultural loan fund	US\$	Cumulative	0	0	7,000,000	15,000,000	25,000,000	26,000,000	26,000,000

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.5. Credit Activity	Output	Number of loans disbursed to clients from agricultural loan fund	Number	Cumulative	0		90	270	360	400	400
Agriculture	1.5. Credit Activity	Output	Number of clients receiving loans disbursed from agricultural loan fund	Number	Cumulative	0			13,000	15,500	16,050	16,050
Agriculture	1.5. Credit Activity	Output	Number of Participating Financial Institutions accredited	Number	Cumulative	0		40	55	60	60	60
Agriculture	1.5. Credit Activity	Output	Number of Participating Financial Institutions' staff trained	Number	Cumulative	0		120	320	420	480	480
Agriculture	1.5. Credit Activity	Output	Total outstanding principal balance for group/individual loans	US\$	Level	0		7,000,000	15,000,000	20,000,000	20,800,000	20,800,000
Agriculture	1.6. Feeder Roads Activity	Outcome	International Roughness Index	Meters/ Kilometers	Level	12.67					5.47	5.47
Agriculture	1.6. Feeder Roads Activity	Outcome	Annualized Average Daily Traffic	Number	Level	286.63					566.05	566.05
Agriculture	1.6. Feeder Roads Activity	Output	Kilometers of feeder roads completed	Kilometers	Cumulative	0					357.44	357.44

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.6. Feeder Roads Activity	Process milestone	Value of signed contracts for feeder roads works	US\$	Cumulative	0			Not Required	Not Required		Not Required
Agriculture	1.6. Feeder Roads Activity	Process milestone	Amount of signed contracts for feeder roads works disbursed	US\$	Cumulative	0			19,212,364.12	34,699,081.00	49,086,265.00	49,086,265.00
Agriculture	1.6. Feeder Roads Activity	Process milestone	Percent of contracted feeder road works disbursed	Percentage	Cumulative	0			39.14	70.69	100	100
Agriculture	1.6. Feeder Roads Activity	Process milestone	Kilometers of feeder roads under works contracts	Kilometers	Cumulative	0			357.44			357.44
Agriculture	1.6. Feeder Roads Activity	Process milestone	Kilometers of feeder roads designed	Kilometers	Cumulative	0		950				950
Agriculture	1.6. Feeder Roads Activity	Process milestone	Value of signed contracts for feasibility and/or design studies	US\$	Cumulative	0	Not Required					Not Required
Agriculture	1.6. Feeder Roads Activity	Process milestone	Amount of signed contracts for design/feasibility studies for feeder roads disbursed	US\$	Cumulative	0		1,701,472.84	2,352,375.00			2,352,375.00
Agriculture	1.6. Feeder Roads Activity	Process milestone	Percent of contracted design/feasibility studies completed	Percentage	Cumulative	0		72.33	100			100
Agriculture	1.6. Feeder Roads Activity	Process milestone	Number of Environmental Assessments approved	Number	Cumulative	0		3				3

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Agriculture	1.6. Feeder Roads Activity	Process milestone	Number of RAPs for feeder roads as appropriate	Number	Cumulative	0		3				3
Transportation	2.1. N1-Activity	Outcome	Volume-to-Capacity ratio on N1	Number	Level	0.85-1					0.26	0.26
Transportation	2.1. N1-Activity	Outcome	Vehicles per hour at peak hour	Number	Level	4,021					4,254	4,254
Transportation	2.1. N1-Activity	Outcome	Travel time at peak hour	Minutes	Level	60					20	20
Transportation	2.1. N1-Activity	Outcome	International Roughness Index	Meters/Kilometers	Level	4					2.5	2.5
Transportation	2.1. N1-Activity	Outcome	Annualized Average Daily Traffic	Number	Level	27737					36,530	36,530
Transportation	2.1. N1-Activity	Process milestone	Value of signed contracts for road works N1, Lot 1	US\$	Cumulative	0		Not Required				Not Required
Transportation	2.1. N1-Activity	Process milestone	Amount of signed contracts for road works disbursed: N1, Lot 1	US\$	Cumulative	0		4,216,860.10	17,542,138.02	29,939,707.71	42,168,601	42,168,601
Transportation	2.1. N1-Activity	Process milestone	Percent of contracted road works disbursed: N1, Lot 1	Percentage	Cumulative	0		10%	41.6%	71%	100%	100%
Transportation	2.1. N1-Activity	Process milestone	Value of signed contracts for road works N1, Lot 2	US\$	Cumulative	0			Not Required			Not Required

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Transportation	2.1. N1-Activity	Process milestone	Amount of signed contracts for road works disbursed: N1, Lot 2	US\$	Cumulative	0			35,139,739.46	59,402,892.89	83,666,046.33	83,666,046.33
Transportation	2.1. N1-Activity	Process milestone	Percent of contracted road works disbursed: N1, Lot 2	Percentage	Cumulative	0			42%	71%	100%	100%
Transportation	2.1. N1-Activity	Process milestone	Kilometers of N1 Lot 1 under works contracts	Kilometers	Cumulative	0			6.00			6.00
Transportation	2.1. N1-Activity	Process milestone	Kilometers of N1 Lot 2 under works contracts	Kilometers	Cumulative	0			8.125			8.125
Transportation	2.1. N1-Activity	Process milestone	Kilometers of N1 designed	Kilometers	Cumulative	0	14.125					14.125
Transportation	2.1. N1-Activity	Output	Kilometers of road (N1) upgraded	Kilometers	Cumulative	0					14.125	14.125
Transportation	2.1. N1-Activity	Process milestone	Value of signed contracts for feasibility and/or design study	US\$	Cumulative	0	Not Required					Not Required
Transportation	2.1. N1-Activity	Process milestone	Amount of signed contracts for design/feasibility studies disbursed	US\$	Cumulative	0	1,376,867.12	2,195,260.07				2,195,260.07
Transportation	2.1. N1-Activity	Process milestone	Percent of contracted design/feasibility study completed	Percentage	Cumulative	0	62.72	100				100%
Transportation	2.1. N1-Activity	Process milestone	Number of Environmental Assessments approved	Number	Cumulative	0		1				1

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Transportation	2.1. N1-Activity	Process milestone	Number of RAPs approved	Number of RAPs	Cumulative	0		1	2			2
Transportation	2.2. Trunk Roads Activity	Outcome	International Roughness Index	Meters/Kilometers	Level	9 - 12				3.5	3.5	3.5
Transportation	2.2. Trunk Roads Activity	Outcome	Annualized Average Daily Traffic	Number	Level	221.5				235	258.5	258.5
Transportation	2.2. Trunk Roads Activity	Output	Kilometers of trunk roads completed	Kilometers	Cumulative	0					75.21	75.21
Transportation	2.2. Trunk Roads Activity	Process milestone	Value of signed contracts for road works	US\$	Cumulative	0			Not Required			Not Required
Transportation	2.2. Trunk Roads Activity	Process milestone	Amount of signed contracts for trunk road works disbursed	US\$	Cumulative	0			11,448,091.28	23,828,606.28	25,900,659.00	25,900,659.00
Transportation	2.2. Trunk Roads Activity	Process milestone	Percent of contracted road works disbursed	Percentage	Cumulative	0			44.2	92	100	100
Transportation	2.2. Trunk Roads Activity	Process milestone	Kilometers of trunk roads under works contracts	Kilometers	Cumulative	0			75.21			75.21
Transportation	2.2. Trunk Roads Activity	Process milestone	Kilometers of trunk roads designed	Kilometers	Cumulative	0		230				230
Transportation	2.2. Trunk Roads Activity	Process milestone	Value of signed contracts for feasibility and/or design studies	US\$	Cumulative	0	Not Required					Not Required
Transportation	2.2. Trunk Roads Activity	Process milestone	Amount of signed contracts for design/feasibility studies disbursed	US\$	Cumulative	0		670,944.03	1,001,409.00			1,001,409.00

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Transportation	2.2. Trunk Roads Activity	Process milestone	Percent of contracted design/feasibility study completed	Percentage	Cumulative	0		67%	100%			100%
Transportation	2.2. Trunk Roads Activity	Process milestone	Number of Environmental Assessments approved	Number	Cumulative	0		1				1
Transportation	2.2. Trunk Roads Activity	Process milestone	Number of RAPs approved	Number	Cumulative	0			1			1
Transportation	2.3. Ferry Activity	Outcome	Travel time for walk-on passengers	Minutes	Level	128.4					94.2	94.2
Transportation	2.3. Ferry Activity	Outcome	Travel time for small vehicles	Minutes	Level	135.5					132	132
Transportation	2.3. Ferry Activity	Outcome	Travel time for trucks.	Minutes	Level	1,200					390	390
Transportation	2.3. Ferry Activity	Outcome	Annualized Average Daily Traffic (vehicles)	Number	Level	58					63.8	63.8
Transportation	2.3. Ferry Activity	Outcome	Annualized Average Daily Traffic (passengers)	Number	Level	620					651	651
Transportation	2.3. Ferry Activity	Process milestone	Rehabilitation of Akosombo Floating Dock Completed	Date	Date	None				30-Jun-2010		30-Jun-2010



							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Transportation	2.3. Ferry Activity	Output	Percent Physical Completion of Civil Works at Landing Stages	Percentage	Cumulative	0				44.6	100	100
Transportation	2.3. Ferry Activity	Output	Landing stages rehabilitated	Number	Cumulative	0					2	2
Transportation	2.3. Ferry Activity	Output	Rehabilitation of Landing stages completed	Date	Date	None					31-Dec-2011	31-Dec-2011
Transportation	2.3. Ferry Activity	Output	Percent Physical Completion of Ferry Terminals	Percentage	Cumulative	0				33.3%	100	100
Transportation	2.3. Ferry Activity	Output	Ferry Terminals upgraded	Number	Cumulative	0					2	2
Transportation	2.3. Ferry Activity	Process milestone	Value of signed contracts for works: ferry and floating dock	US\$	Cumulative	0			Not Required			Not Required
Transportation	2.3. Ferry Activity	Process milestone	Amount of signed contracts for works disbursed: Ferry and Floating Docks	US\$	Cumulative	0				4,742,400.00	9,484,800.00	9,484,800.00
Transportation	2.3. Ferry Activity	Process milestone	Percent of contracted work disbursed ferry and floating dock	Percentage	Cumulative	0				50	100	100
Transportation	2.3. Ferry Activity	Process milestone	Value of signed contracts for feasibility and/or design studies ferry activities	US\$	Cumulative	0		Not Required				Not Required

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Transportation	2.3. Ferry Activity	Process milestone	Amount of signed contracts for design/feasibility studies disbursed ferry activity	US\$	Cumulative	0		754,274.10	1,269,449			1,269,449
Transportation	2.3. Ferry Activity	Process milestone	Percent of contracted design/feasibility study completed ferry activity	Percentage	Cumulative	0		59.42	100			100
Transportation	2.3. Ferry Activity	Process milestone	Value of signed contracts for works: landings and terminals	US\$	Cumulative	0				Not Required	Not Required	Not Required
Transportation	2.3. Ferry Activity	Process milestone	Amount of signed contracts for works disbursed: Landings and Terminals	US\$	Cumulative	0				1,816,129.33	3,632,258.65	3,632,258.65
Transportation	2.3. Ferry Activity	Process milestone	Percent of contracted work disbursed: landings and terminals	Percentage	Cumulative	0				50	100	100
Rural Development	3.1. Procurement Capacity Activity	Outcome	Number of practicing procurement personnel who complete training modules.	Number	Cumulative	0				400	450	450
Rural Development	3.1. Procurement Capacity Activity	Outcome	Number of individuals completing Internships at Ministries, Departments and Agencies (MDAs) and Metropolitan, Municipal and District Assemblies (MMDAs)	Number	Cumulative	0			300	900	1,250	1,250

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Rural Development	3.1. Procurement Capacity Activity	Outcome	Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework	Number	Cumulative	0				280	1,080	1,080
Rural Development	3.1. Procurement Capacity Activity	Outcome	Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework	Number	Cumulative	0					250	250
Rural Development	3.1. Procurement Capacity Activity	Outcome	Number of Interns who gain employment in public procurement.	Number	Cumulative	0					100	100
Rural Development	3.1. Procurement Capacity Activity	Outcome	Number of Tertiary Institutions using the Modules developed by Public Procurement Authority/MiDA	Number	Cumulative	0			1	6	8	8
Rural Development	3.1. Procurement Capacity Activity	Process milestone	Number of Institutions that agree to accept Interns	Number	Cumulative	0			150	400	500	500
Rural Development	3.2a Local Government Service Delivery	Outcome	Level of citizen satisfaction with services	Levels of satisfaction	Level	3.3				3.6	4	4

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Rural Development	3.2b Education Facilities Sub-Activity	Outcome	Number of students enrolled in schools affected by education facilities sub-activity	Number	Cumulative	37,733			39,620	41,506	43,393	43,393
Rural Development	3.2b Education Facilities Sub-Activity	Outcome	Additional female students enrolled in schools affected by Education Facilities Sub-Activity	Number	Cumulative	0			888	1,777	2,665	2,665
Rural Development	3.2b Education Facilities Sub-Activity	Output	Number of school blocks rehabilitated	Number	Cumulative	0		35				35
Rural Development	3.2b Education Facilities Sub-Activity	Output	Number of school blocks constructed	Number	Cumulative	0			30	78	253	253
Rural Development	3.2b Education Facilities Sub-Activity	Process milestone	Number of school blocks designed and diligenced	Number	Cumulative	0	35	125	396			396
Rural Development	3.2b Education Facilities Sub-Activity	Process milestone	Value of signed works contracts for MCC-supported educational facilities (construction/rehabilitation)	US\$	Cumulative	0			Not required	Not required		Not required
Rural Development	3.2b Education Facilities Sub-Activity	Process milestone	Amount of signed contract sums for works (school construction/rehabilitation) disbursed	US\$	Cumulative	0			697,155.60	17,414,778.70	18,331,346	18,331,346

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Rural Development	3.2b Education Facilities Sub-Activity	Process milestone	Percent of works contract sums (construction/rehabilitation) disbursed	Percentage	Cumulative	0			20%	95%	100%	100%
Rural Development	3.2b Education Facilities Sub-Activity	Process milestone	Shortlist of IDIQ consultants/contractors developed	Date	Date	None		15-Oct-2008				15-Oct-2008
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Outcome	Distance to collect water	Meters	Level	1,190					500	500
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Outcome	Time to collect water	Minutes	Level	43.67					30	30
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Outcome	Number of reported guinea worm cases in MiDA Districts	Number	Level	252						10
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Outcome	Volume of domestic water consumption per capita per day	Liters	Level	15				17	20	20
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Outcome	Number of people affected by water and Sanitation Facilities Sub-Activity	Number	Cumulative	0				52,000	129,840	129,840
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Output	Number of people trained in hygiene and sanitary best practices	Number	Cumulative	0			249	1,329	1,661	1,661
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Outcome	Number of Households with access to improved water supply	Number	Cumulative	0				9,020	21,800	21,800

Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Output	Number of water points constructed	Number	Cumulative	0				156	377	377
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Value of Boreholes construction contracts signed	US\$	Cumulative	0			Not required	Not required		Not required
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Amount of works contract sums for Boreholes disbursed	US\$	Cumulative	0			490,966.80	1,718,383.80	2,454,833	2,454,833
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Percent of works contract sums for Boreholes disbursed	Percentage	Cumulative	0			20%	70%	100%	100%
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Value of Pipe Extension Projects construction contracts signed	US\$	Cumulative	0			Not required	Not required		Not required
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Amount of works contract sums for Pipe Extension Projects disbursed	US\$	Cumulative	0			425,873.60	1,384,089.20	2,129,368	2,129,368
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Percent of works contract sums for Pipe Extension Projects disbursed	Percentage	Cumulative	0			20%	65%	100%	100%
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Value of Small Town Water Systems construction contracts signed	US\$	Cumulative	0			Not required	Not required		Not required
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Amount of works contract sums for Small town Water System disbursed	US\$	Cumulative	0			954,165.20	2,862,495.60	4,770,826.00	4,770,826.00
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Percent of works contract sums for Small Town Water System disbursed	Percentage	Cumulative	0			20%	60%	100%	100%
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Value of Tamale Water Extension Project construction contract signed	US\$	Cumulative	0			Not required	Not required		Not required
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Amount of works contract sum for Tamale Water Extension Project disbursed	US\$	Cumulative	0				2,805,000.00	4,675,000.00	4,675,000.00

Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Percent of works contract sum for Tamale Water Extension Project disbursed	Percentage	Cumulative	0				60%	100%	100%
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Number of stand-alone boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction	Number	Cumulative	0			150	350		350
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Number of Small Town Water Systems (STWS) designed and diligenced for construction	Number	Cumulative	0			25			25
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Number of Pipe Extension Projects designed and diligenced for construction	Number	Cumulative	0			10			10
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Value of Feasibility and/or Detailed Design Contracts for Boreholes, Small Town Water Systems and Pipe Extension Projects signed	US\$	Cumulative	0			Not required			Not required
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Amount of consultancy fees disbursed for Boreholes, Small Town Water Systems and Pipe Extension Projects feasibility studies	US\$	Cumulative	0			296,835.00	732,193.00	989,450.00	989,450.00

Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Percent of consultancy fees disbursed for Boreholes, Small Town Water Systems and Pipe Extension Projects feasibility studies	Percentage	Cumulative	0			30	74	100	100
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Value of Feasibility and/or Detailed Design Contract for Tamale Water Extension Project signed	US\$	Cumulative	0			Not required			Not required
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Amount of consultancy fees disbursed for Tamale Water Extension Project feasibility studies	US\$	Cumulative	0			192,335.25	400,265.25	519,825.00	519,825.00
Rural Development	3.2c Water and Sanitation Facilities Sub-Activity	Process milestone	Percent of consultancy fees disbursed for Tamale Water Extension Project feasibility studies	Percentage	Cumulative	0			37	77	100	100
Rural Development	3.2d Rural Electrification Sub-Activity	Output	Number of agricultural facilities in target districts with electricity due to Rural Electrification Sub-Activity	Number	Cumulative	0			4	8	12	12
Rural Development	3.2d Rural Electrification Sub-Activity	Process milestone	Number of electricity projects identified and diligenced	Number	Cumulative	0			10	12		12
Rural Development	3.2d Rural Electrification Sub-Activity	Process milestone	Kilometers of electricity lines identified and diligenced	Kilometer	Cumulative	0			93	230		230
Rural Development	3.3. Financial Services Activity	Outcome	Number of inter-bank transactions	Number	Cumulative	516,565			983,933	1,106,925	1,475,900	1,475,900



							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Rural Development	3.3. Financial Services Activity	Outcome	Value of deposit accounts in rural banks	US\$	Level	283,421,931			745,184,248	931,480,310	1,117,776,371	1,117,776,371
Rural Development	3.3. Financial Services Activity	Output	Number of PFIs Automated under the Automation/ Computerization and Interconnectivity of Rural Bank Activity	Number	Cumulative	0			21	91	121	121
Rural Development	3.3. Financial Services Activity	Output	Number of PFIs Connected to the WAN	Number	Cumulative	0			21	91	121	121
Rural Development	3.3. Financial Services Activity	Process milestone	Project Management Support Consultant (PMSC) contract signed	Date	Date	None		30-Mar-2009				30-Mar-2009
Environment	4.0 Environmental and Social Assessment	Process milestone	Scoping Reports for the 3 Zones Delivered	Date	Date	None		20-May-2008				20-May-2008
Environment	4.0 Environmental and Social Assessment	Process milestone	Public Consultation Strategy approved	Date	Date	None		10-Jun-2008				10-Jun-2008
Environment	4.0 Environmental and Social Assessment	Process milestone	Draft Preliminary SEA approved	Date	Date	None		13-Aug-2008				13-Aug-2008
Environment	4.0 Environmental and Social Assessment	Process milestone	Compact Level Environmental Indicators submitted	Date	Date	None		23-Jul-2008				23-Jul-2008
Environment	4.0 Environmental and Social Assessment	Process milestone	Environmental Protection Agency (EPA) IEA signed	Date	Date	None		30-Jun-2008				30-Jun-2008

							Annual Targets					End of Compact Target
Project	Activity	Indicator Level	Indicator	Measurement Unit	Indicator Classification Type	Baseline	YEAR 1 Q[1] to Q[4] (Feb 2007-Mar 2008)	YEAR 2 Q[5] to Q[8] (Apr 2008-Mar 2009)	YEAR 3 Q[9] to Q[12] (Apr 2009-Mar 2010)	YEAR [4] Q[13] to Q[16] (Apr 2010-Mar 2011)	YEAR [5] Q[17] to Q[20] (Apr 2011-Feb 2012)	Q1 to Q20
Environment	4.0 Environmental and Social Assessment	Process milestone	Total Number of Resettlement Action Plans approved	Number	Cumulative	0		4	6			6
Environment	4.0 Environmental and Social Assessment	Process milestone	Total Number of Environmental Assessments approved	Number	Cumulative	0		5				5
M&E	5.0 Monitoring and Evaluation	Process milestone	Clean GLSS5+ baseline data received by MiDA	Date	Date	None			31-May-2009			31-May-2009
M&E	5.0 Monitoring and Evaluation	Process milestone	FBO survey launched	Date	Date	None		1-Nov-2008				1-Nov-2008
M&E	5.0 Monitoring and Evaluation	Process milestone	FBO baseline data received by MiDA	Date	Date	None			31-May-2009			31-May-2009
M&E	5.0 Monitoring and Evaluation	Process milestone	Feeder Roads Investment Evaluation contract signed	Date	Date	None		18-Nov-2008				18-Nov-2008

## Annex III: Indicators Tied to Disbursements

SECTION 1. AGRICULTURE PROJECT					
Indicator	Baseline	Year 2	Year 3	Year 4	Year 5
<b>Agriculture Project</b>					
Productivity of land in Afram Basin Zone: Maize	1.9	-	-	1.92	1.98
Productivity of land in the Northern Zone: Soya	1.22	-	-	1.26	1.36
Productivity of land in Southern Zone: Export-grade Pineapple	8	-	-	8.08	8.64
Additional Ghanaian agriculture exports: pineapple	0	-	-	8,300	14,500
Additional Ghanaian agriculture exports: Mango	0	-	-	-	576
Additional Ghanaian agriculture exports: Fresh vegetables (pepper)	0	-	-	1,344	2,192
<b>Commercial Training Activity</b>					
Number of farmers adopting new technologies and farming methods	0	-	-	12,750	15,300
Percent of post harvest loss at farm-gate	20%	-	10-14%	10-14%	10-14%
<b>Irrigation Activity</b>					
Additional hectares irrigated with MCC support	0	-	-	1,100	920
<b>Land Activity</b>					
Total number of land parcels registered in the Pilot Land Registration Areas	0	-	-	1,800	1,500
<b>Post-Harvest Activity</b>					
Volume of products passing through post-harvest treatment.	0	-	-	111,820	129,900
<b>Credit Activity</b>					
Portfolio-at-risk of agricultural loan fund	0%	-	20%	20%	20%
Value of loans disbursed to clients from agricultural loan fund.	0	-	7,000,000	15,000,000	20,000,000

SECTION 2. TRANSPORTATION PROJECT					
Indicator	Baseline	Year 2	Year 3	Year 4	Year 5
<b>Trunk Roads Activity</b>					
International Roughness Index	9-12	-	-	3.5	3.5

SECTION 3. RURAL SERVICES DEVELOPMENT PROJECT					
Indicator	Baseline	Year 2	Year 3	Year 4	Year 5
<b>Community Services Activity: Water and Sanitation Facilities Sub-Activity</b>					
Incidence of Guinea worm	1.64	-	-	-	0.75
<b>Financial Services Activity</b>					
Number of inter-bank transactions	516,565	-	-	983,933	1,106,925
Value of deposit accounts in rural banks	283,421,931	-	-	745,184,248	931,480,310

## **Annex IV: Impact Evaluation Plan**

MiDA has planned two levels of impact assessment: (a) impact of MiDA program on growth and development in intervention districts and of the national economy, and (b) impact of activity-specific interventions on households and farmer-based organizations. Primarily, the impact assessment of the MiDA program will focus on this latter aspect – the changes in the livelihoods of households and their income-earning abilities and access to social services.

Third-party, independent evaluation teams hired by MiDA will seek to attribute impact to MiDA programs by comparing MiDA beneficiaries to a counterfactual, or comparison groups. The evaluation hypotheses, methods, data sources and questions to be answered through the evaluation are presented below.

### *Overview of data sources*

Monitoring and evaluation of the overall program will rely heavily on an expanded version of the ongoing national household living standards survey GLSS 5 to cover enumeration areas in all the 30 MiDA program districts. This expanded survey, also known as GLSS5+, will be conducted jointly by GSS, Institute for Statistical, Social and Economic Research (ISSER, University of Ghana), and Yale University. The GLSS5+ includes a random sub-sample of 5,000 households in approximately 333 EAs of the GLSS 5. However, to allow for district-level tracking of program outcomes and the disaggregation of impacts within MiDA Intervention Zones, Compact funds will be devoted to increasing the sample size of the GLSS 5+ in the MiDA target districts by approximately 9,000 households, and modifying the GLSS5+ survey instrument to answer the questions discussed below.

The major data sources for the MiDA evaluation are, but not limited to, the following:

- GLSS5+, conducted by ISSER and GSS
- FBO Surveys, to be conducted by ISSER
- Market Surveys (to measure impact of feeder roads), to be conducted by National Opinion Research Center (NORC)
- Water use survey to be conducted by NORC

### **1. Program wide evaluation**

#### *Purpose and methods*

The impact on the national economy will be assessed by looking at the performance of the economy using published public data on various indicators, particularly of agricultural production and exports. The most important consideration will be the extent of change taking place in the structure of the economy as a result of the program. In addition, the GLSS5+ will allow for comparison of outcomes in MiDA Intervention Districts versus those in districts outside of MiDA intervention areas. This analysis will employ a quasi-experimental design (difference-in-difference) to compare outcomes like growth or well-being in MiDA and non-MiDA districts. Additionally, the evaluation may use propensity score matching (matching MiDA beneficiaries and similar individuals outside of MiDA districts) to contribute to the impact assessment.

The essential idea of the evaluation is that the difference in the specified indicators of well-being between MiDA program district households and their non-MiDA counterparts at the end of the

program relative to differences in well-being indicators at the beginning would be measured by Z say, where Z is defined as:

$Z = (W_{MiDA2012+} - W_{non-MiDA2012+}) - (W_{MiDA2007+} - W_{non-MiDA2007+})$ , where W denotes the average over the relevant sample households of indicators of well-being.

However, MiDA expects to obtain very rich and exhaustive data from the GLSS5+ for a better than the above simple difference-in-difference estimator. The estimation of an econometric model will allow for controlling for differences in initial observed characteristics between MiDA Program groups and non-MiDA Program groups and for changes in exogenous variables. It will also help to estimate the possibly heterogeneous impact of the MiDA Program on different types of households or individuals. For instance, using the rich data on household demographics, landholdings, assets, etc, we can estimate the effect of the Ghana Compact on that measure of well-being as:

$W_{hdt} = X_{hdt}\beta + \lambda_h + I_{dt}\gamma + \varepsilon_{hdt}$ , where  $W_{hdt}$  is an indicator of well-being for household h in district d at time t (say, the household's income, consumption, or farm yield), I is an indicator variable that takes the value 1 in 2012 only in MiDA districts, and 0 otherwise. X is a vector of exogenous determinants of W, and  $\lambda$  is a household effect, which might be permitted to be correlated with X. The scalar coefficient  $\gamma$  is the difference-in-difference estimator of the program impact corresponding to Z above.

#### *Key questions*

- Has there been a change in the well-being of MiDA beneficiaries over the life of the Compact?
- Can changes in well-being be attributed to activities implemented under the Compact?

#### *Data source*

GLSS5+ combined with activity-specific surveys as needed.

## **2 Agriculture Project**

### ***Farmer and Enterprise Training in Commercial Agriculture Activity***

#### *Activity goal and description*

The goal of the Farmer and Enterprise Training in Commercial Agriculture is to accelerate the development of commercial skills (including management, business planning, technology applications and marketing) and capacity among FBOs and their business partners, including service providers to FBOs and other entities adding value to agricultural crops such as processors.

#### *Key questions*

- Does the FBO training program encourage farmers to adopt new technologies/techniques (including using land more intensively and efficiently, choosing crops that are more competitive, optimizing the use of inputs, including labor)?
- What is the magnitude of spillover from MiDA-trained farmers on proximate farmers and those in the MiDA-trained farmers' social networks?
- Does the FBO training program cause an expansion in farmers' yields, profits and sales?
- Do expanded yields and sales lead to higher incomes and enhanced access to social services?

#### *Method of evaluation*

The method of evaluation will be a Randomized rollout of FBO training. MoFA will select an excess number of qualified FBOs for training and ISSER will randomly select a smaller number of FBOs

for training in each round that the training is offered. This means that all qualified FBOs will receive training, but that order of training is selected randomly. For example, MoFA will select 600 FBOs before the first round of training starts and ISSER will randomly choose 300 FBOs for the initial round of training. Additionally, the evaluation will examine spillover using data collected on social networks of FBO members (using data from FBO survey and the GLSS5+).

#### *Treatment and control groups*

The evaluation will be organized in two batches of 600 FBOs each. Half (300) of the first batch will be randomly selected for early training in 2008. The other half of that batch will receive training in 2009. Similarly, of the second batch of 600 listed in early 2009, half will be randomly selected to receive early training in 2009, while the other half will receive training in 2010.

Over these periods, three waves of the FBO survey will be implemented. The survey will cover 1200 FBOs in two batches with each batch being surveyed over two periods. The time lag between the period when the treatment group gets their training and when the control gets theirs will be one year. This survey roll-out is guided by the fact that FBOs who are to be trained in August of any year (say 2008) are expected to start experiencing increased outputs by June/July of the following year (say 2009). The roll out of these surveys and the corresponding roll-out for the actual training is given in Figures IV.1 and IV.2. As can be seen from Figure 1, only the first batch (for evaluation purposes) of FBOs will be surveyed in Year 1 (2008). In Year 2 the batch 1 will be resurveyed. In addition the baseline for batch 2 will be surveyed. In total therefore 1200 FBOs will be surveyed in Year 2 (2009). In Year 3 (2010) only the second batch of 600 FBOs will be resurveyed.

#### *Data sources*

- GLSS5+ (and FBO survey) to look at social networks and spillover.
- Survey of FBO members by ISSER conducted annually.
- Survey related to farmer yields and recall error, conducted by MOFA and ISSER. As a compliment to the data collected through the FBO surveys, MOFA (SRID) will conduct plot-level measurements of nine crops, using a sample of households generated by ISSER. Crop cutting targeting 2008 production will take place. Results of this crop cut (harvest) will be compared to the FBO survey conducted by ISSER at the end of 2008 in which farmers will be asked about their yields in the 2008 harvest (i.e., farmers will recall production levels). Based on the comparison, ISSER will calculate the magnitude of farmers' recall error.

Figure IV.1 Survey Roll-out, 2008-2010

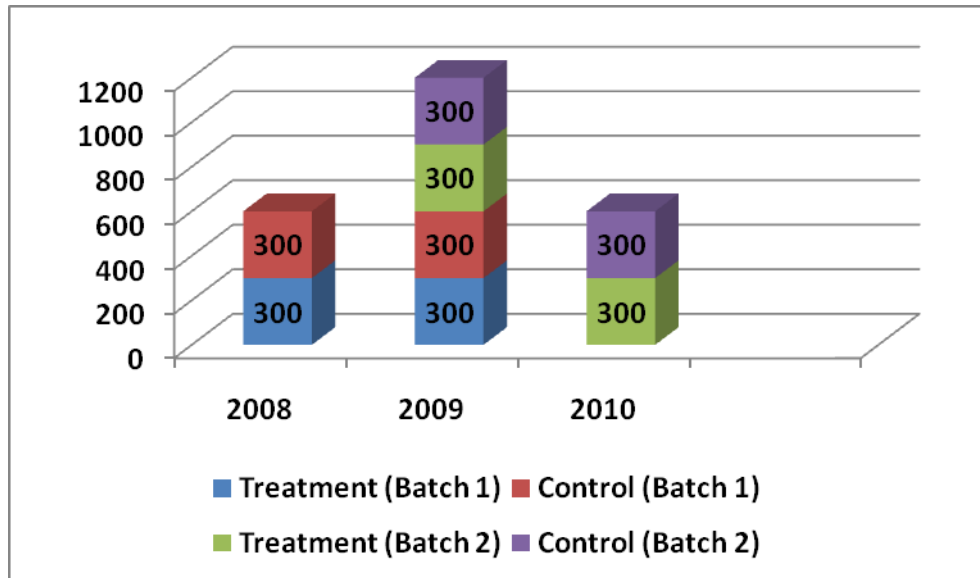
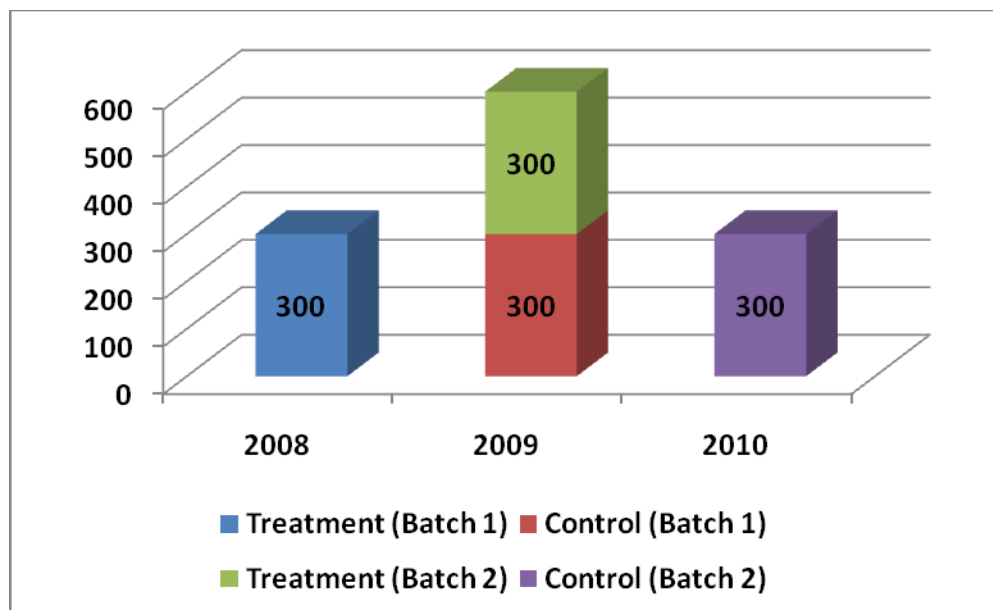


Figure IV.2 Training Roll-out, 2008-2010



### ***Irrigation Development***

#### ***Brief Activity goal and description***

The Irrigation Activity aims to support the expansion of fruit and vegetable production by smallholder farmers, as well as the various farmer groups, by providing irrigated water to them. Currently, MiDA has received proposals for the construction of four irrigation schemes – two in the Southern Zone and two in the Northern Zone. One of the schemes will provide piped water to allow a private anchor investor to begin testing vegetable varieties and training MiDA-trained smallholder farmers in vegetable growing techniques on 250 hectares adjacent to one of the other irrigation schemes. Construction began on these schemes in early 2011, and they are not expected to be completed until close to the compact end date in February 2012.

*Key questions*

- To what extent has the irrigation facility contributed to the production and productivity objectives of the MCA/Ghana Compact?
- What is the impact of the MiDA irrigation activity on the farmer income?

*Method of evaluation*

A before-after comparison with simple matching has been proposed. An ex post ERR should be conducted as part of the evaluation.

*Treatment and control groups*

Treatment Groups will consist of tenant farmers on MCC-funded Irrigation Schemes. Farmers in areas of two additional irrigation schemes in the Afram Basin that were slated to be constructed, but were withdrawn at the last-minute due to completion and sustainability concerns could serve as the comparison group. However, more study is necessary to determine their suitability as a comparison group. Alternatively, farmers located immediately outside the irrigation perimeters could serve as a comparison group.

*Data sources*

- GLSS5+ and FBO Survey
- Administrative data
- Other primary data collected by Consultant

***Land Tenure Facilitation Activity****Activity description*

A pilot program for area-wide registration of rural land rights involving, among others, certain preparatory tasks (including, among others, community sensitization, composite maps and inventory of land rights) and the formalization of land rights consistent with the methodology developed under the World Bank-sponsored Land Administration Project (including, among others, resolution of land disputes via alternative dispute resolution mechanisms, formal demarcation of parcel boundaries and issuance of registered land titles). Phase 1 of the pilot program for registration of land rights is currently taking place in the Awutu-Senya District in the Southern Horticultural Belt. In Phase 2, the program is expected to be extended to Savelugu-Nanton (on a smaller scale), incorporating the lessons learned in Phase 1.

The evaluation will provide evidence for use by Government and donors as they consider scaling up and the overall direction of land policy in Ghana. The World Bank is playing the lead role in this evaluation.

*Key questions*

Given that we cannot be sure how quickly the effects of land titles will manifest and how soon we will need to conduct a follow up survey, these questions are designed to examine effects at different points in the chain of effects (i.e. from perceived tenure security to ultimate household welfare).

- What is the effect of land title registration on perceived tenure security?
- What is the effect of land registration on investments in land (e.g. agricultural improvements, building construction, and tree planting)?
- What is the effect of land title registration on access to credit?
- What is the effect of land title registration on crop choice (e.g. between cash and subsistence crops)?
- What is the effect of land title registration on land markets (renting, sales, and purchases)?



- What is the effect of land title registration on income diversification (e.g. expanding or creating small enterprises)?
- What is the effect of land title registration on household welfare (e.g. expenditure per capita, assets)?
- Do any of these effects differ by gender (of the household member and title holder)?
- How do the effects discussed above, vary by the nature of the rights registered?

#### *Method of evaluation*

The evaluation method for the land titling component will be a spatial regression discontinuity design. This would use the title registration taking place in registration district 01 (Awutu-Effutu-Senya) to construct both a treatment and comparison group. The evaluation hinges on the following assumption: the households on both sides of the administrative border that demarcates registration district 01 are almost identical in observable and unobservable dimensions. These borders were constructed for administrative reasons and do not follow any significant social, geographic, or administrative divisions. Indeed, a preliminary assessment by MiDA indicated that some villages had been split in half by the borders of the district.

However, because of the arbitrary nature of this division, there has been some demand for land titling by the village chiefs on behalf of the segments of their villages that have not yet been included in the title registration exercise. MiDA is currently designing a second phase of the titling registration intervention, which will include some areas of the villages which lie just outside of the current boundaries.

In order to construct the treatment and comparison groups, we will compare households that reside close to the borders of the registration district (for now, a 0.5 km band on either side of the registration district boundaries).

#### *Data sources*

- Survey on effect of land titling on perceived land security and related socio-economic variables.
- Survey and land titling reports to determine boundaries of areas with/without land titling activities.

### ***Improvement of Post-Harvest (Agriculture Project) and Electricity (Rural Development Project)***

#### *Activity description*

The goal of the Post-Harvest Activity is to make the Ghanaian horticulture export industry a significant supplier of fruits and vegetables to the EU and other export markets. Therefore, funds have been provided to develop post-harvest handling capacity that maintains the quality of product from the farm to the market. In addition, the capacity of the public sector will be improved to meet International Plant Protection Convention (IPPC) standards. Facilities to be provided include provision of pre-coolers for pineapple exporters, construction of a Perishable Cargo Centre at the Kotoka International Airport in Accra, construction of Public Pack Houses in the Southern Horticultural Belt, and Agribusiness Centers in all the three intervention zones.

The Electricity sub-activity is part of the Rural Development Project and Community Services Activity. Its goal is to connect rural businesses and communities to the power grid. These investments are being targeted toward areas receiving the pack houses and cooling facilities, so it

may make sense to evaluate the activities together. However, the cost of additional data collection may be prohibitively high. The contractor will make a recommendation whether or not it is feasible to evaluate the two activities together.

#### *Key questions*

- What is the impact of the MiDA post-harvest infrastructure investment on the reduction of Post Harvest Losses?
- To what extent has the use of the MiDA PHI contributed to an increase in farmer income?
- Does the provision of post-harvest infrastructure lead to increased export of horticultural products?

#### *Method of evaluation*

A simple matching design has been proposed for this evaluation, although it likely will not be rigorous because of lack of reliable baseline data. An ex post ERR should be conducted as part of the evaluation.

#### *Treatment and control groups*

The treatment group will be FBOs or farmers in districts with access to post-harvest infrastructure, while the comparison group will be FBOs or farmers in districts without access to post-harvest infrastructure.

#### *Data sources*

Possible data sources include the following:

- GLSS5+ and FBO Survey
- Export Promotion Council
- Sea Freight Exporters of Ghana
- Administrative data.
- PHI Feasibility Studies Report

### ***Credit Activity***

#### *Activity description*

The Credit Activity will support the other Project Activities under the Agriculture Project by facilitating access to credit in the Intervention Zones and assisting rural banks to improve their abilities to assess, grant and manage agriculture loans. Although loans have been granted, farmers have struggled with repayments. As of January 2011, over 87% of loans have one or more installments of principal or interest past due over thirty (30) days. As the non-repayment issues became evident, MCC stopped all disbursements for this activity and instituted a remedial action plan in August 2010. Approximately \$21 million of the activity's \$26 million budget was disbursed before MCC halted disbursements, but revolving funds from loan repayments continue to be loaned out by the rural banks.

#### *Key questions*

- What is the additive impact of credit on farmers' yields and incomes?
- Did access to credit lead to increases in productive inputs or changes in crop mix?
- Did the activity improve rural banks' abilities to assess, grant and manage agricultural loans?

- What led to the low repayment rates, and how can MCC avoid repeating those mistakes in the future?

#### *Method of evaluation*

An appropriate quasi-experimental design would be employed for this study. In light of the operational difficulties with the credit program, it may also be worthwhile to conduct a process evaluation using qualitative data to determine what went wrong and to draw lessons learned.

#### *Treatment and control groups*

Farmers who received credit are the treatment group. The comparison group is to be determined. The obvious starting point is participating farmers who did not receive credit, but farmers who seek credit likely have different characteristics than those who do not. Farmers who have been denied credit almost certainly have different characteristics. The halt in funding could have provided an opportunity for a discontinuity design had the banks not continued to lend revolving funds.

#### *Data sources*

Possible data sources include:

- the FBO survey, ,
- the GLSS5+, and
- administrative data.

### ***Rehabilitation of Feeder Roads***

#### *Activity description*

Up to 950 km of feeder roads were initially identified for improvements in eight (8) districts in the Intervention Zones in order to reduce transportation costs and time, to increase access to major domestic and international markets, and to facilitate transportation linkages from rural areas to social service networks (including, for instance, hospitals, clinics and schools). On the basis of their current condition, the present and projected traffic volume as a result of increased agricultural activity and productivity, and above all budget constraint, 357 km of roads were finally selected for improvements.

#### *Key questions*

- Do improved roads lead to higher farm income through reduced input cost and higher producer price at the farm gate that are associated with reduced travel time and vehicle operating cost (transport cost)?

#### *Method of evaluation*

Merely comparing incomes of individuals living near roads and those who do not biases evaluation results because there may be something fundamentally different about people who live near roads (more entrepreneurial, business oriented etc.). Also, because road improvements have been selected in an intentional way, we cannot compare incomes of individuals before and after road construction.

The evaluation will use a difference-in-differences strategy and examine the growth in outcome measures for farmers located near newly-constructed rural roads relative to farmers whose access to road transport did not change. The evaluation will estimate directly the short-run impact of road construction on prices, transportation costs, and transportation times. Additionally, the evaluation will use spatial information from monitoring surveys to evaluate the long-term impact of road construction on farm sales, profits, technology, and farmer household welfare.

Specifically, consider two communities we will call X and Y. X and Y are communities in one of the MCA districts which will receive new rural roads. X is a community not currently served by an improved road, while Y is already served by an improved road.

One dimension of the impact of a new road is the increase in the price farmers receive for their output. Our first estimate of the direct impact of a new road on this price is the price in X after the completion of the road minus the price in X before the completion of the road. Of course, there is seasonality in prices, and there are many other factors that influence the time trend of staple prices, so we will compare the change in the price of the staple in X over this period to the change in the price of the same staple in Y (which was served by an improved road over the entire period). The relative increase in the price of the staple good in X over the same increase in Y provides an estimate of the impact of the road.

To ensure that attribution of the impact of the road on prices and transportation costs is correct, the evaluation will rely on two further refinements of the method:

1. Use data on rural road priorities from the Ministry of Road Transport for the MCA districts that have already completed construction of priority rural roads. Again we will examine communities (call them X' and Y') that either were already served by improved roads (Y'), or which had improved roads newly constructed (X'). We will examine the prices of staples produced in X' and Y' over the same period that we examined for communities X and Y. It is important to emphasize that no roads are constructed during this period in communities X' and Y' (only community X received a new road during this period). Therefore, we should see no change in the price of the staple in community X' relative to that in Y', so these communities serve as a "control group" for the evaluation.
2. Use the high frequency data that we collect on prices and transportation costs to estimate the timing of the impact of the new roads. Precisely how many months after the completion of a new rural road do transportation costs fall by how much? As above, we will use a "difference-in-differences" strategy, examining the change in transportation costs (or prices) in places newly-connected with improved roads versus places in which there has been no change in local roads.

#### *Treatment and control groups*

Communities newly served by improved roads, before and after the completion of the road, in comparison to farmers with similar road access whose access to road transport did not change.

#### *Data sources*

- GLSS 5+ to identify farmer locations.
- Survey of prices at commercial markets linking roads and farming communities to be conducted by third-party firm contracted by MiDA.

### **3. Rural Development Project**

#### *Project goal*

The Rural Development Project is designed to support agriculture and agribusiness development under the Agriculture Project and to strengthen the rural institutions that provide complimentary services.

#### *Financial Services Activity*

*Activity description*

The Financial Services Activity is intended to draw a large number of people currently not served or under-served into the financial system by automating and interconnecting private, community-owned rural banks. 127 rural banks (nearly all rural banks in Ghana) will be connected to a wide area network (WAN). The WAN is focused on moving funds electronically domestically and internationally, and making the rural banks a part of the payment system. This connection will be rolled out in a number of phases over 6 to 8 quarters of the compact instead of the originally planned 2 to 5 years. Simultaneous to rolling out the WAN, MiDA will support computerization and automation of the rural banks. This will include providing computers, new accounting software, and software training to over 600 branches (all rural banks), starting in MiDA districts, and then moving to the rest of the country.

*Key questions*

- Did the Financial Services Activity increase the interconnectedness of rural banks?
- Did the Activity increase efficiency and reduce transaction costs for rural banks?
- Did the Activity draw additional people into the financial system?

*Method of evaluation*

A simple before-after comparison.<sup>12</sup>

*Sample Population:* The 127 rural and community banks that have been upgraded through compact funds. Note that some rural banks are large with multiple branches while others are single-site banks.

*Data for the evaluation:* The necessary data can be obtained from Apex Bank, which is the supervising financial institution for all rural banks in Ghana. Data can be validated by conducting spot checks at randomly selected rural banks. Because the evaluation will rely on administrative data, all rounds (before and after) conceivably can be collected at once following completion of the activity. Although continuous quarterly data will be available, it likely will be analyzed primarily at four points:

- Baseline
- Immediately before WAN connection to establish general trend lines
- Immediately before computerization to evaluate effects of WAN only
- Six months after completion to evaluate effects of WAN + computerization

The challenge in obtaining data on rural banks from Apex bank is the Confidentiality Regulation regarding disclosure of the data source to third parties. To overcome this challenge, it is important that after the sample is obtained from the list of banks, a waiver is obtained from each bank to cover the evaluators and to ensure that the Confidentiality Regulations are observed. This practice may need to be reviewed and approved by the hired firm's institutional review board. Any firm competing for this evaluation should address this risk and suggest a mitigation strategy in their proposal.

Another challenge is that some of the rural banks may lose some of their hard copy data once they get computerized (especially data as far back as 2005, 2006). To mitigate this, the training of rural banks covered data storage and insisted that rural banks keep their records and store them for several

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<sup>12</sup> A final design may .....

years. Any firms competing for this evaluation should address this risk and suggest a mitigation strategy in their proposal.

### ***Community Services Activity***

#### *Activity description*

MiDA will support Community Services to complement the Agriculture Project by funding construction and rehabilitation of educational facilities, construction and rehabilitation of water and sanitation facilities and electrification of the rural areas, and by providing capacity building support to local government institutions

#### *Key questions*

- What is the impact of the MiDA interventions on access to education, electricity, water & sanitation, and other social services?
- What is the impact on social (e.g. health, education) and economic (e.g. employment, household income) outcomes?

#### *Data sources*

- GLSS5+ community survey conducted in 2008 and 2010/11, conducted by ISSER and GSS.
- Survey of community services to be conducted by third-party contractor in 2009 and 2010 or 2011, to be determined.

### ***Specific Evaluations***

#### ***Construction of Water Facilities***

##### *Activity goal and description*

The goal is to achieve improved health through the reduction in the incidence of illness and loss of productivity due to unsafe drinking water, and to reduce the distance and time required to procure potable water. The facilities under construction include boreholes and small-town water systems. Funds have also been provided for the Tamale Water Extension Project.

##### *Key questions,*

- How has the investment in water systems contributed to ensuring good health conditions for the beneficiary communities?
- To what extent will the improvements or otherwise in health conditions be attributable to MiDA, and why?
- Has the improvements in health resulted in increased availability of labor for economic activities?

##### *Method of evaluation*

Use of a rigorous quasi-experimental approach – a survey of a systematic sample of 12 households in each of 50 randomly selected beneficiary communities will be conducted. Using existing observational data, nearest-neighbor matching (NNM) of communities would be employed to determine a statistically comparable (control) group of 50 communities within the same MiDA Districts, from which a systematic sample of 12 households in each community would be selected. Covariates will be adjusted between the intervention and comparable groups minimize the effects of bias in selecting the water intervention communities based on a criterion.

*Data sources*

- Baseline survey in 100 communities (with 12 households per community) would be completed within the Compact period.
- Impact data will be collected in same communities and households (panel study) post Compact by a Consultant to be procured and managed by MCC.

***Expansion of rural electrification to unserved and underserved areas with Post Harvest and Irrigation Facilities****Activity goal and description*

The goal of this activity is to enhance the sustainability of the Agriculture Project by providing adequate electricity to facilitate small-scale post-harvest processing of agricultural products

*Key questions,*

- Does the provision of electricity necessitate the development of small-scale post-harvest processing of agricultural products in the beneficiary communities?
- To what extent does the electrification activity enhance the development of small-scale post-harvest processing of agricultural products in the beneficiary communities?
- How has the electrification activity enhanced other businesses in the beneficiary communities
- What is the impact of the electrification activity on the economy of the beneficiary communities

*Method of evaluation*

Rigorous matching

*Treatment and control groups*

Treatment Group consists of beneficiary communities and Control Group will consist of other communities within the District with similar characteristics except the electrification.

*Data sources*

The roll-out of the interventions is still in progress. The impact evaluation of this Activity shall take place post-Compact by a Consultant to be procured by MCC.

***Rehabilitation and construction of educational facilities****Activity goal and description*

This activity complements the Agriculture Project by funding construction and rehabilitation of educational facilities, construction and rehabilitation of water and sanitation facilities and electrification of rural areas, and by providing capacity building support to local government institutions.

The Community Services Project was rolled out in two phases. While waiting for the completion of Needs Assessment and the Environmental Impact Assessment Study Reports, the Community Services Project Department was given a window of opportunity to select a few school blocks which were listed in the beneficiary Districts Medium Term Development Plans and requiring urgent attention for rehabilitation under a limited budget. Phase 1 was also sub-divided into two – Phase 1A and Phase 1B. Under Phase 1A 44 classroom blocks were rehabilitated in 35 schools in 10 Districts.

In October 2007, rain storm and floods affected some schools in the five project Districts in the Northern Agricultural Zone. MiDA intervened to rehabilitate and/or reconstruct 31 classroom blocks

in 30 communities. So far the construction of 29 classroom blocks have been completed, and two are yet to be completed as a result of termination and re-awarding of two contracts due to nonperformance. Plans are afoot to construct urinal and toilet facilities for the Phase 1 schools where classroom blocks have been completed.

Phase 2 of the Project includes construction and rehabilitation of educational facilities in 151 communities. These facilities include the construction of 106 two-unit classroom blocks for the kindergarten level, 41 three-unit classroom blocks for the junior high and primary levels, and 29 six-unit classroom blocks for the primary level. Others include 153 toilet and urinal facilities, one teachers' accommodation in the Karaga District only, and full complement of school furniture for all constructed classroom blocks and head teachers' offices.

*Key questions,*

- What are the effects of an improved learning environment, in the form of improved or new educational infrastructure, on school-level outcomes?
- How does the activity affect household economic activities, such as time available on the farm, labor productivity, and general income levels?

*Method of evaluation*

Because Phase 1 is already complete, different methods may be needed to measure the Phase 1 and Phase 2 schools. Alternatively, the evaluation may only evaluate the Phase 2 schools. Matching seems to be the most feasible design at present, though it is not clear whether a rigorous evaluation is warranted. The evaluator should consider the costs and benefits of a less rigorous approach.

*Treatment and control groups*

The treatment group will consist of communities that received new or rehabilitated educational facilities. One concern is the varying treatments among communities. Some communities are receiving new kindergarten buildings, others are receiving primary and secondary school buildings, and one community is receiving teacher accommodations. The comparison group: Similar communities that were not selected for either Phase 1 or Phase 2.

*Data sources*

The evaluation will likely rely on administrative data and school-level data from the Ministry of Education. The evaluator may recommend collection of supplementary data to fill any data gaps. The GLSS5+ will be used where it is feasible.

## **4. Transportation**

### ***N1 Highway***

*Activity goal and description*

The goal of this activity is to reduce the bottleneck in accessing the International Airport and the Port of Tema and to support an expansion of Ghana's export-directed horticulture base beyond current production. It is envisaged that by the end of the Compact, 14.125 Km of road will be constructed to increase the annualized average daily traffic from 27,737 to 36,530.

*Key question,*



- To what extent has the N1 investment contributed to an increase in Ghana's export-directed horticulture base from the Central and Eastern Regions of Ghana beyond current export values?

#### *Method of evaluation*

A simple before-after study and recalculation of the ERR is recommended, since we cannot find an appropriate match for N1 in the country. The evaluation will likely be conducted Post-Compact.

#### *Data sources*

- Sea-Freight Pineapple Exporters of Ghana (SPEG)
- Ghana Export Promotion Council (GEPC)
- Customs, Excise and Preventive Service (CEPS)
- Primary data collected by Consultant.

### ***Improvements of Trunk Roads***

#### *Activity goal and description*

The goal of this activity is to facilitate the growth of agriculture and access to social services. This activity originally envisaged the upgrading of five roads with a total of 230 km. However, only one, the Agogo – Dome Road (77 km) is currently undergoing upgrading due to funding constraints.

#### *Key questions,*

What is the impact of the trunk roads investment on the economy of the corridors where these roads are located?

#### *Method of evaluation*

A simple before-after study and a recalculation of the ERR is recommended for this evaluation. The evaluation likely will be conducted after the compact has concluded.

#### *Treatment and control groups*

The treatment group will consist of MiDA-constructed trunk roads and the control group will be non-MiDA constructed trunk roads in similar settings elsewhere within Ghana

#### *Data sources*

- Ghana Compact Reports (including Feasibility Reports and ITT)
- Ghana Highway Authority Reports
- Primary data collected by Consultant.

### ***Improvements to Lake Volta Ferry Service***

#### *Activity goal and description*

The goal of this activity is to facilitate growth of the agricultural sector of the Afram Basin Zone by supporting improvements to ferry services of the Volta Lake Transport Company (VLTC), connecting Adawso on the southern shore to Ekye Amanfrom on the northern shore. Funding support is being provided for the construction of two ferries; training of VLTC staff; rehabilitation of the Akosombo floating dock; civil works at the landing stages at Adawso and Ekye Amanfrom to increase the ferry and vehicle handling capacities at the same landing stages; and rehabilitation of ferry terminals at Adawso and Ekye Amanfrom. Also included in the activities is the extraction of

tree-stumps from the crossing route between Adawso and Ekye Aman from to eliminate navigational and safety hazards during low water periods.

*Key questions,*

- To what extent has the provision of the services contributed in improved passenger and goods transportation?
- What is the impact of the improvements in the two new ferries constructed under MiDA on agricultural production and related value-chain services in the Afram Plains area?

*Method of evaluation*

A simple before-after study and recalculation of the ERR is recommended since we cannot find an appropriate match for ferry activity in the country. The evaluation likely will be conducted after the compact has concluded.

*Data sources*

- Compact documents (including Feasibility Reports and ITT)
- VLTC Reports and Records
- Primary data collected by Consultant

## ANNEX V: Performance Indicator Documentation<sup>13</sup>

Documentation of key characteristics of performance indicators is important to ensure that relevant information is not lost or forgotten and can be accessed easily by anyone with a need to know the information. This information will eventually be stored as part of the MIS and/or in the general M&E files. The documentation is imperative to forestall situations where details are forgotten or individuals with knowledge of the details move on to other activities/positions. Ensuring that the information documented is up to date is also important. Thus the performance indicator documentation is a “living document” that may undergo changes as and when necessary. However, any changes must be based on a strong justification and such justifications if approved by MCC would be documented for future Data Quality Assessments. Below is the framework of sample performance indicator documentation and its information requirements.

Performance Indicator Reference Sheet – Template			
<b>Compact Goal:</b> <i>The highest level result to be achieved by the result which this indicator measures</i>			
<b>Project Objective:</b> <i>The project level objective under which the indicator fits</i>			
<b>Activity Outcome:</b> <i>The activity level outcome under which the indicator fits</i>			
<b>Sub-Activity Outcome (if applicable):</b> <i>The sub-activity level outcome under which the indicator fits</i>			
<b>Performance Indicator Title:</b> <i>Exactly as it appears in the Compact, M&amp;E Plan or Activity Monitoring Plan</i>			
<b>Is This an Annual Report Indicator?</b> No <input type="checkbox"/> Yes <input type="checkbox"/> , for Reporting Year(s) _____			
DETAILED DESCRIPTION OF THE INDICATOR			
<b>Precise Definition(s):</b> <i>The definition should be as precise as possible and over time it should be expanded as details of its meaning become clear</i>			
<b>Definition of Indicator Components if Index or Composite Indicator:</b>			
<b>Unit of Measure:</b>			
<b>Calculation Methodology:</b>			
<b>Disaggregated by:</b>			
<b>Justification &amp; Management Utility:</b> <i>How does this indicator measure the intended result? How does it reflect the result? Why is it considered a valuable indicator for the intended result?</i>			
PLAN FOR DATA ACQUISITION BY MCA Country Governing/Accountable Entity			
<b>Data Collection Method:</b> <i>This description should be as detailed as possible, including all steps to data collection no matter how small.</i>			
<b>Data Source(s):</b> <i>This should be as precise as possible, to the level of the specific record book in which data are to be found for example.</i>			
<b>Method of Data Acquisition by MCA Country Governing/Accountable Entity:</b> <i>How do the data flow from the data source to the MCA accountable entity?</i>			
<b>Frequency and Timing of Data Acquisition by MCA Country Governing/Accountable Entity:</b> <i>This should be in the format of (for example) quarterly by the 15<sup>th</sup> of April, July, October and January. Data reported on these dates to MCA should be for Jan1 – March 30, April 1- June 30, July 1 – Sept 30 and Oct 1- Dec 30.</i>			
<b>Individual(s) Responsible at MCA Country Governing/Accountable Entity:</b>			
<b>Entity and Individual(s) Responsible for Providing Data to MCA Country Governing/Accountable Entity:</b>			
<b>Location of Data Storage:</b> <i>Precisely where, in which record books for example, are data stored?</i>			
DATA QUALITY ISSUES			
<b>Date of Initial Data Quality Review:</b>			
<b>Procedures for Initial Data Quality Reviews:</b>			
<b>Known Data Limitations and Significance (if any):</b> <i>Where are the weaknesses in the data? It is important that this be as detailed as possible.</i>			
<b>Actions Taken or Planned to Address Data Limitations:</b>			
<b>Did the Last Data Quality Review Result in a Change to the Definition or Target?</b> Yes ( <input type="checkbox"/> ) No ( <input type="checkbox"/> )			
<b>If Previous Data Quality Review Resulted in any Modification(s), how?</b>			
<b>Date(s) of Future Data Quality Reviews:</b>			
OTHER NOTES			
<b>Notes on Baselines/Targets:</b>			
<b>Other Notes:</b>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
<b>THIS SHEET LAST UPDATED ON:</b>			

<sup>13</sup> Work on the documentation of information on each performance indicator in the Ghana Compact [also known as performance indicator reference sheet (PIRS)] is in progress. The information in these sheets will undergo substantial updates as implementers come on board and thereafter if and when any changes occur (e.g., indicator definition is refined) or new information becomes available (e.g., data quality review is conducted).

## **ANNEX VI: Data Quality Strategy**

### **A. INTRODUCTION**

M&E data provide important information for project management and decision-making and on progress achieved towards the Program's objectives and goals. Consequently, the quality of data must be ensured to maintain confidence in this information. MiDA takes a multi-pronged approach to ensure data quality. A key element is the independent Data Quality Reviews which assesses data collection, analysis, and dissemination systems to determine the utility, objectivity, and integrity of the information. The recommendations resulting from the reviews will help to constantly improve collection, processing, and dissemination of data. Additional elements include capacity building efforts for implementers and others responsible for collecting and reporting data to MiDA. The capacity building initiatives are upstream interventions aimed at strengthening implementers' data collection systems and controls to reduce the possibility of data quality problems occurring when data are actually collected and reported. A third element is encouraging constant use of data that are gathered and reported to MiDA. Widespread use will quickly highlight data discrepancies thereby identifying areas where improvements are required.

For MiDA, Data Quality Reviews will cover all data reported in the M&E Plan, including data submitted by implementers and any surveys financed through the Compact. Generally, MiDA will conduct both *ex-ante* and *ex-post* data quality reviews. The ex-ante will examine data collection, processing, storage, analysis and dissemination systems that Implementing Entities and secondary data providers have put in place. Weaknesses identified will be documented and recommendations for improvement will be made. Ex-ante reviews, for instance, will be done for the government IEs before they start any serious data collection and will involve at a minimum an assessment of the readiness of these establishments to collect and report quality data. Baseline data will be validated as part of ex-ante through feasibility studies, surveys and implementer data collection.

The ex-post reviews will examine processes and mechanisms put in place by Implementing Entities, secondary data providers and MiDA in the collection, processing and storage of data for analysis and dissemination of results on Compact activities. Data quality issues identified will be documented and recommendations will be made for improvement to assure data quality in future. While the M&E Directorate will lead the ex-ante data quality reviews, an independent data quality reviewer will conduct the ex-post reviews, but will first review the ex-ante report before proceeding.

### **B. CRITERIA FOR DATA QUALITY REVIEWS**

In conducting a Data Quality Review, performance indicators will be assessed based on the following criteria:

#### **1. *Validity***

- Are the indicators defined well and are data reported in an appropriate format?
- Are the data gathered consistent with the documented definition of the indicators?
- Is there a verifiable source for the data gathered?

#### **2. *Reliability***

Is there:

- Consistency: Is the same data gathering process (including instrument and sampling process) being employed over time and across locations?
- Quality Control: What are the procedures in data collection to guard against bias? Are procedures reviewed periodically? Are there random checks at each stage?
- Transparency: Are there procedures in writing and are problems reported?

#### **3. *Timeliness***

- Are data collected and reported regularly and are they relevant?
- Is reported data the most recent?

- Is the date of data collection clearly identified?

#### 4. *Precision*

- If sampling is used, is the margin of error reported?
- Is the margin of error less than expected change in the indicator?
- Is the margin of error acceptable for decision-making, given cost/benefit?

#### 5. *Adequacy*

- To what extent do the indicators for a particular expected result fully measure it?
- Are they sufficient to characterize and/or measure the result?

### C. **ROLES & RESPONSIBILITIES**

MiDA M&E Directorate, Project Managers and Information and Communication Technology (ICT) Unit will play key roles in ensuring data quality.

#### ***Role of MiDA M&E Directorate***

The M&E Directorate is the primary unit responsible for ensuring the collection, processing, analysis and dissemination of quality data in MiDA. To augment the external data quality assessments and to assess data quality between rounds of external reviews, the M&E directorate also undertakes periodic internal reviews of data quality. The internal reviews will involve Project Managers, Zonal Managers and the Chief Operating Officer.

Prior to the data collection phase, MiDA M&E Directorate will ensure that MiDA staff, Implementing Entities and secondary data providers are brought up to date on the minimum standards of data quality. For instance, the M&E Directorate will make sure that indicator definitions and other components of the Performance Monitoring Plan are well understood and applied by all those identified to collect data for MiDA.

The M&E Zonal Managers will follow up on data collection plans of implementers and other Consultants involved in M&E activities to ensure that recommendations from ex-ante and ex-post reviews are being implemented. They will also ensure compliance by all stakeholders on data quality standards.

In addition, the M&E Directorate will organize forums where project results will be reviewed both internally and externally. One of the objectives of these reviews described is to validate the data collected and ensure that it is accurate, consistent and a true representation of actual phenomena in the field. **It will facilitate** triangulation of collected data on periodic basis and ensure consensus is built among MiDA, IEs and stakeholders on program results. The sessions will, in addition, identify bottlenecks that affect data quality and recommend improvements in data collection, processing and reporting. Suggested recommendations will be documented and an actions-tracking matrix drawn for follow-up.

The external forum will involve Implementing Entities and other key stakeholders.

#### ***Role of MiDA ICT Unit***

MiDA's ICT Unit also plays a part in the implementation of the data quality strategy. The Data Analyst reviews all data collection instruments and participates in all data quality processes. In addition, s/he generates credible data throughout the flow of data capture to the processing and storage stages. MiDA's ICT Unit extends similar assistance to IEs either directly or through hired Consultants. The M&E Directorate works with the MiDA ICT Unit to establish Data Source Approval, Data Profiling and Data Normalization procedures in order to strengthen the data quality regime of MiDA and to ensure coordination with other IEs in the choice of software. This is important since various analyses to be done for the impact evaluation will be based on data collected by different IEs.

Methodologies are employed to verify that software for data processing used by an IE will meet the data validity criterion (i.e. Format, Data Type, Range, Limit, Presence and Spell checks).

These checks will ensure that:

- All fields have values (Presence Check)
- Values assigned the fields are in their right data types (Data Type Check)

- Values are assigned the proper data formats (Format Check)
- Null values are not substituted for fields that should have values (Presence Check)
- Values that are based on range are selected from a lookup rather than being entered from the input form (Range Check).

### ***Roles of Project Managers***

The M&E team liaises with Project Managers on performance monitoring to roll-out the M&E Performance Monitoring Plans of MiDA's technical sectors. This includes compliance to data quality assurance as stipulated in MiDA's M&E Policies and Procedures. Structurally, the four Zonal M&E Managers, Research Economist and Statistician have been assigned to each technical sector to provide technical assistance on data collection, evaluation and data quality assurance.

## **D. CAPACITY BUILDING OF IMPLEMENTERS AND PROVISION OF TECHNICAL ASSISTANCE**

A training needs assessment related to data collection and quality control capability will be conducted to identify areas for strengthening, to guarantee that MiDA's data quality expectations are met by IEs. The training will ensure that IEs adequately interpret the Compact, its objectives and performance indicators, while appreciating their pivotal role in ensuring that complete, accurate and credible data is collected and reported. The M&E Unit will facilitate the capacity building process which will be supported by an external consultant.

To complement the above, technical assistance on data quality assurance in the form of one-on-one engagements with IEs as well as group sessions in workshop formats will be provided by MiDA. The individual engagements will include review of instruments designed for data collection, participation in pre-testing of instruments and conducting spot checks on collected data. The workshops are tailored to ensure that MiDA and IEs share experiences and adopt good data quality practices.

## **E. TOOLS TO ENSURE DATA QUALITY AND AUDIT PREPAREDNESS**

To strengthen the culture of data quality assurance within MiDA and the IEs, a data quality compliance checklist based on the *Validity, Precision, Reliability, Integrity, Timeliness, Adequacy and Practicability* of data, will be designed and used on routine basis. The checklist will be used to determine the credibility of data collected and/or reported from IEs. Findings of each internal data quality review will be documented and stored, to serve as a tool to triangulate findings of future data assessments by interdependent data quality reviewers. Proper documentation of these findings will ensure that IEs and MiDA are prepared for future program audits, as reported data on performance indicators can be traced to their sources.

## **F. THE INDEPENDENT DATA QUALITY REVIEWER**

A core element of MiDA's data quality strategy is that data quality reviews are conducted by an independent entity, such as a local or international specialized firm or research organization, or an individual Consultant. Independence of the data quality review process is critical to ensuring the integrity of the assessment and increasing external confidence in data that are reported. The scope of work for the Consultant covers the five year life span of MiDA's activities.

The reviews assess data and data collection systems against the six data quality standards listed above. Where data quality problems are identified these will be documented and recommendations provided on how the problem will be resolved. Exact timing and frequency of data quality verification by the DQR will be determined before the contractor comes on board. As a general rule the ex-ante reviews will be done before and during data collection and the timing of the reviews will generally relate to the periods of data collection.

Once these reviews are completed, the M&E Directorate will also be responsible for monitoring implementation of corrective actions that may be recommended to improve the quality of data.

Ex-post reviews will be conducted after data is collected and/or during data entry. Resources permitting this will be conducted twice in the life time of an implementer.

Due to the integrated nature of the MiDA Program (involving Agriculture, Transportation and Rural Development Project Activities), the Data Quality Review team will be composed of experts with corresponding specialties. For example, to assess transportation data on Vehicle Operation Costs and the International Roughness Index, the services of a mechanical engineer will be required. The M&E Directorate will facilitate the external review of data quality by managing the contract under which the data quality reviews will be ordered.

The methodology for data quality review includes a mix of document and record reviews, random site visits, and key informant interviews. Initially ex-ante and ex-post reviews are scheduled to ensure that data collection systems are functioning well and also to fix any problems in the early stages of implementation. The reviews will be thoroughly documented in a report, describing any weaknesses found in the (i) instrument development, (ii) training of enumerators (iii) data collection methods, (iv) handling and processing of data by responsible entities, and (iv) analysis and reporting procedures. The report will also make recommendations for overcoming those weaknesses where possible. Where it is not technically possible or cost-effective to overcome problems, the report will identify replacement indicators or data sources that would be more accurate and efficient. Final reports from Data Quality Reviews will be publicly available on the MiDA website.

## **G. CONCLUSION**

High data quality increases satisfaction, eliminates doubts and reduces costs because less time will be spent trying to reconcile the data. Activities outlined in the strategy need to become the normal flow of the data warehouse process. Monitoring data quality and providing corrective measures to improve quality and assure the integrity of results reported by MiDA should be considered as an integral part of the process of ascertaining poverty reduction at the end of the Compact.

## ANNEX VII: Indicator Changes (February 2008)

### Indicator Changes at the Outcome Level

<b>Name of Original Indicator:</b> Not Applicable
<b>CP:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>If Yes, Years in which targets are CPs:</b> Not Applicable
<b>Type of Change:</b> <i>e.g., drop indicator; revise definition; revise target</i> New Indicator Introduced
<b>New/Revised Indicator and/or target:</b> Number of backlogged land dispute cases cleared by Judicial Service
<b>Justification/Rationale for Change:</b> This indicator has been introduced to measure the results of the intervention to clear up land case backlogged in the regional Courts.
<b>Implications of Change:</b> The effect of the intervention to clear up land case backlogged in the regional Courts will not go unnoticed.
<b>MCC Approval:</b> <b>Granted:</b> _____ <b>Date</b> _____ <b>Not Granted:</b> _____ <b>Date:</b> _____ <b>Location of Supporting Documentation:</b> _____

<b>Name of Original Indicator:</b> Number of land disputes in the pilot registration districts
<b>CP:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>If Yes, Years in which targets are CPs:</b>
<b>Type of Change:</b> <i>e.g., drop indicator; revise definition; revise target</i> Drop Indicator
<b>New/Revised Indicator and/or target:</b> TBD. MiDA is considering % of land disputes resolved in pilot registration districts which is a more direct measure of the dispute resolution intervention,
<b>Justification/Rationale for Change:</b> This indicator has been dropped from the M&E Plan and for reporting to MCC in the quarterly report because it does not directly measure the outcomes of the dispute resolution interventions. Number of land disputes will, however, be tracked by the land project manager and be used for project management purposes.
<b>Implications of Change:</b> This change will not have any adverse effects on the program
<b>MCC Approval:</b> <b>Granted:</b> _____ <b>Date</b> _____ <b>Not Granted:</b> _____ <b>Date:</b> _____ <b>Location of Supporting Documentation:</b> _____

<b>Name of Original Indicator:</b> Vehicle operating costs (on roads requiring minor rehabilitation)
<b>CP:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>If Yes, Years in which targets are CPs:</b> Yr 4 and Yr 5
<b>Type of Change:</b> <i>e.g., drop indicator; revise definition; revise target</i> Drop Indicator
<b>New/Revised Indicator and/or target:</b> TBD. MiDA is considering Travel Time as a new indicator since it was a key variable in determining the ERR.
<b>Justification/Rationale for Change:</b> VOC is not the appropriate measure for this category of roads (i.e. those requiring minor rehabilitation) since the HDM 4 model and, thus, VOC was not used in the Economic Analysis related to these roads. The variable used was travel time, which is why travel time is being considered as an alternative measure.
<b>Implications of Change:</b> Dropping this indicator means that the CP list has to be modified to reflect this change.
<b>MCC Approval:</b> <b>Granted:</b> _____ <b>Date</b> _____ <b>Not Granted:</b> _____ <b>Date:</b> _____ <b>Location of Supporting Documentation:</b> _____

<b>Name of Original Indicator:</b> Vehicle operating costs (on roads requiring medium rehabilitation)
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CP: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Years in which targets are CPs: Yr 4 and Yr 5
<b>Type of Change: e.g., drop indicator; revise definition; revise target</b> This is largely a cosmetic change where the indicator is being combined with another indicator "Vehicle operating costs (on roads requiring major rehabilitation)" for clarity of reporting and to maintain consistency with the economic analysis.
<b>New/Revised Indicator and/or target:</b> Vehicle operating costs on roads requiring medium and major rehabilitation (i.e., classified as BSRS, BSRE or BSUP)
<b>Justification/Rationale for Change:</b> Both Indicators refer to the same thing. The only difference is in the levels of disaggregation.
<b>Implications of Change:</b> Combining these indicators mean that the CP list has to be modified to reflect this change
<b>MCC Approval:</b> Granted: _____ Date _____ Not Granted: _____ Date: _____ Location of Supporting Documentation: _____

<b>Name of Original Indicator:</b> Vehicle operating costs (on roads requiring major rehabilitation)
CP: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Years in which targets are CPs: Yr 4 and Yr 5
<b>Type of Change: e.g., drop indicator; revise definition; revise target</b> Combine with another indicator "Vehicle operating costs (on roads requiring medium rehabilitation)"
<b>New/Revised Indicator and/or target:</b> Vehicle operating costs on roads requiring medium and major rehabilitation (i.e., classified as BSRS, BSRE or BSUP)
<b>Justification/Rationale for Change:</b> Both Indicators refer to the same thing. The only difference is in the levels of disaggregation.
<b>Implications of Change:</b> Combining these indicators mean that the CP list has to be modified to reflect this change
<b>MCC Approval:</b> Granted: _____ Date _____ Not Granted: _____ Date: _____ Location of Supporting Documentation: _____

<b>Name of Original Indicator:</b> Incidence of guinea worm, diarrhea or bilharzias
CP: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Years in which targets are CPs: TBD
<b>Type of Change: e.g., drop indicator; revise definition; revise target</b> Split into two distinct indicators
<b>New/Revised Indicator and/or target:</b> 1. Incidence of Guinea worm or Bilharzias 2. Incidence of Diarrhea
<b>Justification/Rationale for Change:</b> This indicator was modified to allow for classification of indicators. Specifically, Guinea Worm and Bilharzias are water-borne diseases while Diarrhea is sanitation-related.
<b>Implications of Change:</b> Splitting these indicators mean that the CP list has to be modified to reflect this change
<b>MCC Approval:</b> Granted: _____ Date _____ Not Granted: _____ Date: _____ Location of Supporting Documentation: _____

<b>Name of Original Indicator:</b> Percentage of households, schools and agricultural processing plants in target districts with electricity
CP: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Years in which targets are CPs:
<b>Type of Change: e.g., drop indicator; revise definition; revise target</b> Split into three distinct indicators

<b>New/Revised Indicator and/or target:</b> <ol style="list-style-type: none"> <li>1. Percentage of households in target districts with electricity</li> <li>2. Percentage of schools in target districts with electricity</li> <li>3. Percentage of agricultural processing plants in target districts with electricity</li> </ol>
<b>Justification/Rationale for Change:</b> A good indicator must be specific and since Schools, Households and Agricultural Processing Plants are distinct entities, it is logical to split the original indicator into the three distinct indicators outlined above.
<b>Implications of Change:</b>
<b>MCC Approval:</b> <b>Granted:</b> _____ <b>Date</b> _____ <b>Not Granted:</b> _____ <b>Date:</b> _____ <b>Location of Supporting Documentation:</b> _____

## New Output Indicators

<b>New Indicators:</b> <p><i>Commercial Agricultural Training Activity</i></p> <ol style="list-style-type: none"> <li>i. Number of FBOs Trained in Commercial Agriculture</li> <li>ii. Number of Farmers Trained in Commercial Agriculture</li> </ol> <p><i>Irrigation Activity</i></p> <ol style="list-style-type: none"> <li>i. Number of FBOs that have requested new water retention technologies</li> <li>ii. Number of water retention technologies constructed</li> </ol> <p><i>Land Facilitation Activity</i></p> <ol style="list-style-type: none"> <li>i. Percent of users of “On-Demand Services” that have completed a transaction</li> <li>ii. Number of land disputes <b>being addressed</b> informally</li> <li>iii. Percent of people aware of their land rights</li> </ol> <p><i>Credit Activity</i></p> <ol style="list-style-type: none"> <li>i. Number of PFIs accredited</li> <li>ii. Value of loans disbursed to accredited PFIs per quarter</li> </ol> <p><i>Community Services Activity - Education</i></p> <ol style="list-style-type: none"> <li>i. Number of Schools constructed / rehabilitated to MOESS standards</li> </ol> <p><i>Community Services Activity – Water and Sanitation</i></p> <ol style="list-style-type: none"> <li>i. Number of stand-alone boreholes constructed to CWSA standards</li> <li>ii. Number of Small Town Water Systems constructed to CWSA standards</li> </ol> <p><i>Community Services Activity – Rural Electrification</i></p> <ol style="list-style-type: none"> <li>i. Number of Electric Power Transformers installed to ECG / NED standards</li> <li>ii. Number of Kilometers of Electric Power distribution lines constructed to ECG / NED standards</li> </ol> <p><i>Financial Services Activity</i></p> <ol style="list-style-type: none"> <li>i. Number of PFIs Automated under the Automation/Computerization and Interconnectivity of Rural Banks Activity</li> <li>ii. Number of PFIs Connected to the WAN under the Automation/Computerization and Interconnectivity of Rural Banks Activity</li> </ol>
<b>Justification/Rationale for Addition:</b> The above mentioned indicators have been added to the M&E plan to provide a fuller picture of progress towards final results beginning with the earliest achievements in the results chain – outputs. The outputs added to the M&E plan are all key leading measures of outcomes that are anticipated in later years of the Compact.
<b>Implications of Change:</b> Addition of these indicators to the M&E plan will allow MiDA to report on early results at the output level earlier in the compact implementation period.
<b>MCC Approval:</b> <b>Granted:</b> _____ <b>Date</b> _____ <b>Not Granted:</b> _____ <b>Date:</b> _____ <b>Location of Supporting Documentation:</b> _____

**ANNEX VIII: (July 2009) INDICATOR CHANGES FOR INDICATORS IN ANNEXES I, II AND III IN THE M&E PLAN****A. Indicator Changes at the Compact Goal Level**

Submitted by:	MiDA
Country:	Ghana
Project:	Compact Goal
Indicator:	NA
CP:	No
Modification:	New indicator
New indicator:	Net Income/Revenue
Justification	This indicator is one of the common indicators. It measures the overall compact Goal of increasing incomes in the target zones.
Date:	June 30 <sup>th</sup> 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Compact Goal
Indicator:	Production of staple crops
CP:	No
Modification:	Dropped and replaced
New indicator:	Crop Income from staples
Justification	The old indicator is being dropped to make room for a new indicator on income. This Indicator aggregates incomes of all the major staple crops. It is being inserted here for easy reference on the status of income from these crops because it allows for the crop incomes from this major group of crops to be measured
Date:	June 30 <sup>th</sup> 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Compact Goal
Indicator:	Production of high value crops
CP:	No
Modification:	Dropped and replaced
New indicator:	Crop Income from high value crops
Justification	The new indicator is being dropped to make room for a new indicator on income. This Indicator aggregates incomes of all the major high value crops. It is being inserted here for easy reference on the status of income from these crops because it allows for the crop incomes from this major group of crops to be measured
Date:	June 30 <sup>th</sup> 2009

**B. Indicator Changes at the Program Objective 1 Level**

Submitted by:	MiDA
Country:	Ghana
Project:	Program Objective 1
Indicator:	Productivity of land (metric tons/hectare): maize (found in both Annexes I & II but worded differently)
CP:	Yes
Modification:	Reworded to make wording uniform across the two appendices
New indicator:	Productivity of land in Afram Basin Zone: Maize
Justification	This indicator has been reworded to make it more uniform across both Annexes I & II, explicit and redundant words removed
Date:	June 30 <sup>th</sup> 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Program Objective 1
Indicator:	Productivity of land in the Northern Zone (metric tons/hectare): Yams (found in both Annexes I & II but worded differently)
CP:	Yes
Modification:	Reworded to make wording uniform and the crop yam has been replaced with soya
New indicator:	Productivity of land in Northern Zone: Soya
Justification	This indicator has been reworded to make it more uniform (across both Annexes I & II), explicit and redundant words removed. In addition, Soya is replacing the main anchor crop (yam) in the Northern Zone because after the selection of FBOs and the value chain mapping, it was realized that yam production among the selected farmers was minimal.
Date:	June 30 <sup>th</sup> 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Program Objective 1
Indicator:	Productivity of land (metric tons/hectare): export-grade pineapple (found in both Annexes I & II but worded differently)
CP:	Yes
Modification:	Reworded to make wording uniform across the two appendices
New indicator:	Productivity of land in Southern Zone: Export-grade Pineapple
Justification	This indicator has been reworded to make it more uniform (across both Annexes I & II), explicit and redundant words removed
Date:	June 30 <sup>th</sup> 2009

### C. Indicator Changes at the Program Objective 2 Level

Submitted by:	MiDA
Country:	Ghana

Project:	Program Objective 2
Indicator:	NA
CP:	Yes
Modification:	New indicator
New indicator:	Additional Ghanaian agriculture exports: Mango
Justification	Mangoes are among the anchor crops therefore it is important to track it.
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Program Objective 2
Indicator:	Additional Ghanaian agriculture exports: Asian Vegetables
CP:	Yes
Modification:	Reworded
New indicator:	Additional Agricultural Ghanaian Export-Fresh Vegetables (Pepper)
Justification	This indicator has been reworded to make it more specific to the crop that is being tracked.
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Program Objective 2
Indicator:	The ratio of (i) price of Ghanaian imports into European markets (Euro/kg) to (ii) price of non-Ghanaian imports into European market (Euro/kg)
CP:	No
Modification:	Replaced / Modified
New indicator:	Ghana Discount (Pineapple)
Justification	The former indicator: (1) Price (including cost of Cargo, Insurance and Freight) of pineapples imported into the European markets from Ghana, divided by (ii) price (including cost of Cargo, Insurance and Freight) of pineapple imported into the European markets from countries other than Ghana (Euro/kg), is rather the definition and therefore this change has been effected. Moreover, the new indicator is a more Internationally acceptable measure of this type of indicator.
Date:	June 30, 2009

#### D. Indicator Changes at the Commercial Agricultural Training Level

Submitted by:	MiDA
Country:	Ghana
Project:	Commercial Agricultural Training
Indicator:	NA
CP:	No
Modification:	New Indicator
New indicator:	Percent of FBOs meeting market targets

Justification	This indicator allows for the tracking of progress of the CDFO training program Stage 3 and measures progress towards achievement of the higher indicators							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent				50%	55%	60%	60%
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	Percentage of post harvest lost at farm-gate (metric tons lost/metric tons produced)							
CP:	Yes							
Modification:	Reworded							
New indicator:	Percent of post harvest loss at farm-gate							
Justification	This indicator has been reworded to remove redundant words and to make it more explicit.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	SMEs processing products and/or providing inputs to farmers							
CP:	No							
Modification:	Replacement							
New indicator:	Number of Agribusinesses assisted							
Justification	This indicator is being replaced with this new indicator which is a common indicator that is measured across all MCA countries. Additionally the new indicator is broader in scope and therefore will track more variables.							
<b>Modification 2:</b>	New/Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		310	650	350	10	1320
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Hectares under production with MCC support							
Justification	This indicator is one of the common indicators MCC will use in measuring similar outputs across MCA countries. It allows for the tracking of outputs from the CDFO training as well as the inputs supplied to farmers. Measurement of this indicator will							

	provide data on whether farmers have been able to expand their farms as a result of the project.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Hectares	0		280	9,100	17720	25,960	53,060
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator in the ITT therefore targets must be set for it for the first time							
Date:	June 30 <sup>th</sup> the, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	<ul style="list-style-type: none"> <li>Number of FBOs Trained in Commercial Agriculture</li> <li>Number of Farmers Trained in Commercial Agriculture.</li> </ul> (These two indicators are currently found in only Annex I)							
CP:	No							
Modification:	Inserting Indicators into Annex II							
New indicator:	NA							
Justification	These Indicators which are in Annex I only have now been inserted into Annex II for uniformity. These two indicators, which allows for the tracking of outputs from the CDFO training, will provide lower level measures of progress.							
<b>Modification 2a:</b>	New targets for "Number of FBOs trained in Commercial Agriculture"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		300	600	300		1200
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	These are new indicators in the ITT therefore targets must be set for them for the first time							
<b>Modification 2b:</b>	New targets for "Number of Farmers trained"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		15000	30000	15000		60000
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	These are new indicators in the ITT therefore targets must be set for them for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Blanket Purchase Agreement awarded							
Justification	This Milestone allows for the tracking of progress of the processes that lead to the CDFO training program and therefore measures progress towards achievement of the higher indicators							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		29				29
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator in the ITT therefore targets must be set for it for first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Training and Technical Service Provider Task Orders issued							
Justification	This Milestone allows for the tracking of progress of the processes that lead to the CDFO training program and therefore measures progress towards achievement of the higher indicators							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number			58	174	58		290
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator in the ITT therefore targets must be set for it for first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							



Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Number of Agricultural Value Chains Mapped							
Justification	Value Chains Mapping identified stakeholders in a specific production chain in the intervention zone. This Milestone therefore allows for the tracking of progress towards the achievement of this activity.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		17				17
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator in the ITT therefore targets must be set for it for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Guidelines on Irrigation Developed and approved by MCC.							
Justification	This Milestone allows for the tracking of progress of the processes that lead to the CDFO training program and therefore measures progress towards achievement of the higher indicators							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Date	None		22-Aug-2008				22-Aug-2008
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator in the ITT therefore targets must be set for it for first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Guidelines on Post Harvest Infrastructure Developed and approved by MCC							
Justification	This Milestone allows for the tracking of progress of the processes that lead to the CDFO training program and therefore measures progress towards achievement of the higher indicators							

<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Date			22-Aug-2008				22-Aug-2008
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator in the ITT therefore targets must be set for it for first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Guidelines on FBO Incentive vouchers developed and approved by MCC							
Justification	This Milestone allows for the tracking of progress of the processes that lead to the CDFO training program and therefore measures progress towards achievement of the higher indicators							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Date	NA		15-Aug-2008				15-Aug-2008
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator in the ITT therefore targets must be set for it for first time							
Date:	June 30, 2009							

#### E. Indicator Changes at the Irrigation Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	Number of hectares irrigated							
CP:	Yes							
Modification:	This indicator has been replaced							
New indicator:	Additional hectares irrigated with MCC support							
Justification	This indicator is being replaced by an external indicator with similar meaning inconformity to those being measured from other MCA countries.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	280	1,100	1,720	1,960	5,060

Modified Targets:	Hectares	0		280	1,100	1,720	1,900	5,000
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This indicator replaces an indicator for which targets already exists. However these targets were modified during the restructuring exercise. The current targets reflect these changes.							
Date:	June 30, 2009							

Submitted by:	MiDA
Country:	Ghana
Project:	Irrigation Activity
Indicator:	Number of FBOs that have requested new water retention technologies (in Annex I only).
CP:	No
Modification:	Indicator has been dropped
New indicators:	NA
Justification	This indicator has been dropped because it is an activity level indicator which will be covered in the consultant's activity monitoring plan
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	Number of water retention technologies constructed(in Annex I only)							
CP:	No							
Modification:	Indicator has been dropped and replaced with a new indicator in both Annexes I & II							
New indicator:	Number of irrigation facilities constructed/rehabilitated							
Justification	This indicator is being replaced with an external indicator with similar meaning for conformity.							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0				8	10	10
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Hectares of land with potential for New/Rehabilitation Irrigation Facilities Identified.							
Justification	This is a process indicator to track the implementation of the Irrigation Activity							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Hectares	0		5060				5,060
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Number of Feasibilities Studies approved							
Justification	This is a process indicator to assist in tracking progress towards achievement of higher level indicators							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0			10			10
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							

New indicator:	Value of signed Contracts for feasibility and/or design studies.							
Justification	This is a process indicator to assist in tracking progress towards achievement of higher level indicators							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0			2,487,006.00	1,901,000.00	1,424,000.00	5,812,006.00
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Value of signed Contract for Irrigation Works							
Justification	This is a process indicator to assist in tracking progress towards achievement of higher level indicators							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0				5,844,400.00	8,766,000.00	14,610,400.00
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:								
CP:	No							
Modification:	New Indicator							
New indicator:	Percent of Contracted designed/feasibility studies for irrigation completed.							
Justification	This is a process indicator to assist in tracking progress towards achievement of higher level indicators							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20

Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	%	0			42.8	32.7	24.5	100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:								
CP:	No							
Modification:	New Indicator							
New indicator:	Percent of value of contracted irrigation works disbursed							
Justification	This is a process indicator to assist in tracking progress towards achievement of higher level indicators							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	%	0				40	60	100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

#### F. Indicator Changes at the Land Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Number of days to conduct a land transaction (Annex I and Annex II)							
CP:	Yes							
Modification:	Indicator dropped							
New indicator:	NA							
Justification	This indicator has been dropped as an indicator and as a CP because the contribution of the Land Facilitation Activity component is insignificant to reducing the number of days. The land titling activity is systematic and not sporadic, and also a compulsory activity under PNDCL 152.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Percent of people aware of their land rights )(in Annex I only							

CP:	Yes (recommended)							
Modification:	Now recommended as CP to replace "Number of days to conduct a land transaction".							
New indicator:	Percent of people aware of their land rights in Pilot Land Registration Areas (now in Annex I and Annex II)							
Justification	The change is to clarify that we are referring to an area demarcated for piloting Land Registration							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	TBD in 2009				30% increase from baseline	50% increase from baseline	50% increase from baseline
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is an indicator in Annex I for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Number of land disputes resolved in the targeted districts (in Annex 1 only)							
CP:	No							
Modification:	Indicator replaced							
New indicator:	Percent of identified land disputes resolved in the Pilot Land Registration Areas (PLRAs)(in Annex I&II)							
Justification	This old indicator is difficult to track so ensuring data quality will be difficult. The data collected may be subjected data and therefore likely to be flawed. The new indicator which is a "percentage of identified land disputes" provides a better indication of the extent of progress made in resolving the problems rather than the "number of land disputes"							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	0	0	0	70	75	80	80
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator in Annex II for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Number of land rights registered in the Awutu-Efutu-Senya pilot registration district (in Annex I and Annex II but worded differently in each of them)							
CP:	Yes							
Modification:	Wording of indicator modified							
New indicator:	Total number of land parcels registered in the Pilot Land Registration Areas (PLRAs)							
Justification	The indicator has been re-worded to make them uniform across both Annex I and Annex II. In addition, the changes in the wording, clarifies the actual area demarcated for piloting Land Registration as it appears in the Legislative Instrument.							
<b>Modification 2:</b>	Revised targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	TBD in 2008			30% increase from baseline		100% increase from baseline	100% increase from baseline
Modified Targets:	Number	0	0	0	1800	3000	0	4800
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	MiDA is now in a position to set specific targets following the approval of the work plan of the Survey Consultant							
Date:	June 30, 2009							



Submitted by:	MiDA
Country:	Ghana
Project:	Land Activity
Indicator:	Percent of users of "On-Demand Services" that have completed a transaction (Annex I)
CP:	No
Modification:	Indicator dropped
New indicator:	N/A
Justification	The on-demand land services were aimed at creating a one-stop-shop (OSS) for clients, who may request for varying levels of assistance regarding land information and documentation. The indicator is flawed because it can result in undercounting since there are varying levels of requests that makes a land transaction. A client may request for information on where to purchase a safe land for agribusiness whilst a second client may request for same information as well as assistance to negotiate with traditional authorities, survey of land, other documentation and titling. The indicator as it stands will count the first client after the safe land information is obtained but would not count the second client if any of the stages in the request is not completed.
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Land Activity
Indicator:	Number of land disputes being addressed informally (in Annex I only)
CP:	No
Modification:	Dropped
New indicator:	NA
Justification	This indicator is difficult to track so ensuring data quality will be difficult. The data collected may be subjective data and therefore likely to be flawed.
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Rural Hectares mapped							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Targets:								
Modified Targets:	Hectares	0	0	2713	2960	11346	0	17019
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of parcels surveyed in the Pilot Land Registration Areas (PLRAs)							
Justification	The surveying of parcels of land is the second stage in the process of registering land rights. This indicator is an output indicator to assist in tracking progress towards the achievement of the higher level indicators.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	1024	1800	1976	0	4800
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Parcels of land inventoried in the Pilot Land Registration Areas (PLRAs)							
Justification	The inventory is the first stage in the process of the process of surveying the parcels of land. This indicator is a process indicator to assist in tracking progress towards the achievement of the higher level indicators.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	1024	1800	1976	0	4800
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA
Country:	Ghana
Project:	Land Activity
Indicator:	Number of backlogged land dispute cases cleared by Judicial Service (in Annex I and Annex II but worded differently in each of them)
CP:	No
Modification:	Wording of indicator modified
New indicator:	Percentage of backlog of land cases cleared by the Judicial Service
Justification	The indicator has been re-worded to make them uniform across both Annex I and Annex II. The percentage has been adopted because it provides a better indication of progress since it gives a measure of the extent of the problem resolved, in contrast to the number of cases, which is an absolute measure.

<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent					95		95
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Targets set for a modified indicator							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator							
New indicator:	Backlog of land cases identified (Appendix I and Appendix II)							
Justification	The identification of backlog of land cases is the first stage in the process of clearing the backlog of land cases. This indicator is a process milestone indicator to assist in tracking progress towards the achievement of the higher level indicators.							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	N/A			15-Jun-2009			15-Jun-2009
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							

Date:	June 30, 2009							
Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:								
CP:	No							
Modification:	New indicator introduced							
New indicator:	Procurement of Needs Assessment Consultant completed							
Justification	This indicator is a process milestone indicator to assist in tracking progress towards the achievement of the higher level indicators.							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	N/A		27/10/2008				27/10/2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Road Map and TORs finalized and approved Public Education and Small Grants.							
Justification	This indicator is a process milestone indicator to assist in tracking progress towards the achievement of the higher level indicators.							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	N/A		26/11/2008				26/11/2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							

Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of preparatory studies complete							
Justification	This indicator is a process milestone indicator to assist in tracking progress towards the achievement of the higher level indicators. The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	3	0	0	0	3
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							
Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Legal and Regulatory reforms adopted							
Justification	The Land Activity is being implemented in the context of the general land policies and reforms in the country. It is therefore important that the activities in the sector are closely monitored since they impact on MiDA's project. This indicator is a process milestone indicator to assist in tracking progress towards the achievement of the higher level indicators. The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	1	3	5	1	10
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							

Modification:	New indicator introduced							
New indicator:	Number of landholders reached by public outreach efforts							
Justification	"Percent of people aware of their land rights" is one of the outcome indicators being tracked. This indicator is a process milestone indicator to assist in tracking progress towards the achievement of this higher level indicator. The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	4000	6000	0	0	10000
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of Personnel Trained							
Justification	This process milestone indicator will track the outputs from a number of training programs including workshops, seminars, study trips and courses form part of the overall Land Activity project. The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	6	194	0	0	200
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of buildings rehabilitated/ constructed							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all							

	MCA countries implementing projects on land.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	0	1	2	0	3
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Value of equipment purchased							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	US\$	0	0	66000	200000	0	0	266000
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

### G. Indicator Changes at the Post-Harvest Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Number of cooling facilities installed							
Justification	A number of cooling facilities are being procured for installation at a number of sites in the project zones. This is an output indicator to assist in tracking the end product of the installation process.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20

Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		7		8		15
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator							
New indicator:	Area of cold storage facilities constructed							
Justification	A number of storage facilities are being constructed at a number of sites in the project zones. This is an output indicator to assist in measuring the capacities of the facilities.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0			811.1	926.9		1,738
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	NA							
CP:	No							
Modification:	New indicator							
New indicator:	Area of Pack-houses and Post Harvest Infrastructure constructed							
Justification	A number of pack-houses are being constructed at a number of sites in the project zones. This is an output indicator to assist in measuring the capacities of the facilities.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0				17,076		17,076
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							



Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	NA							
CP:	No							
Modification:	New indicator							
New indicator:	Number of feasibility studies for Post-Harvest Infrastructure approved (Annexes I & II)							
Justification	This is a process indicator to assist in tracking progress towards construction of the post harvest facilities.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0			5			5
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Not applicable							
CP:	No							
Modification:	New Indicator							
New indicator:	Pack-House / other Post Harvest Infrastructure sites identified							
Justification	This is a process indicator to assist in tracking progress towards the implementation of the post harvest activity							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Date				31-Dec-2009			31-Dec-2009
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

#### H. Indicator Changes at the Credit Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Value of loans disbursed to clients from agricultural loan fund							

CP:	Yes							
<b>Modification 2:</b>	Revised targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0		4,500	12,000	14,500	17,000	17,000
Modified Targets:	US\$			7,000,000	15,000,000	25,000,000	35,000,000	35,000,000
Difference:								
Justification:	The current targets in the compact are very unrealistic in the light of the volume of loans that was disbursed in compact year 2 alone which amounted to \$4,800,000 as at the end of February 2009.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Not applicable							
CP:	No							
Modification:	New indicator							
New indicator:	Number of loans disbursed to clients from agricultural loan fund							
Justification	This is a new indicator which has been introduced to measure the actual number of loans disbursed. This change will enable MiDA track the quantum of loans disbursed because the PFIs are disbursing the loans to SMEs and Farmer groups rather than to individual farmers.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0		90	270	360	540	540
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Number of additional loans (Annex I & II)							
CP:	No							
Modification:	Reworded							
New indicator:	Number of clients receiving loans disbursed from agricultural loan fund							
Justification	This indicator was inadvertently named RSRS in Annex II. It has been dropped and replaced with an indicator that is better defined. This reworded indicator will measure the number of clients receiving loans disbursed from the ACP funds. This change will enable MiDA to determine the beneficiaries of the loans disbursed beyond just the group level, and to tell the extent of coverage of loans to beneficiaries.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator Introduced							

New indicator:	Number of Participating Financial Institutions accredited							
Justification	This indicator has been introduced to track the PFIs who will be taking part in the disbursement of the Agricultural Loan Fund. Accreditation is not permanent but renewable and therefore it is important to know at any point in time the banks that have maintained their accreditation and also those that have been newly accredited.							
<b>Modification 2:</b>	New target							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		40	55	60	60	60
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator Introduced							
New indicator:	Number of Participating Financial Institutions staff trained (including EPA training)							
Justification	This indicator has been introduced to track the extent of orientation given to PFIs on Agricultural/Value Chain Financing and Environmental issues by ACPC. This change will enable MiDA to track some aspects of the Bank Capacity Building component of the ACPC deliverables							
<b>Modification 2:</b>	New target							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		120	200	100	60	480
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:								
CP:	No							
Modification:	New Indicator Introduced							
New indicator:	Total outstanding principal balance for group/individual loans							
Justification	This indicator has been introduced to track the volume of outstanding principal balance to Banks by FBOs and SMEs under the Agricultural Credit Project.							
<b>Modification 2:</b>	New target							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0		7000000	15000000	25000000	35000000	35000000
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
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Country:	Ghana
Project:	Credit Activity
Indicator:	Value of loans disbursed to accredited PFIs per quarter (in Annex I only).
CP:	No
Modification:	Dropped
New indicator:	NA
Justification	This indicator has become redundant and therefore dropped to give way to more relevant indicators
Date	June 30, 2009

### I. Indicator Changes at the Feeder Roads Activity Level

Submitted by:	MiDA
Country:	Ghana
Project:	Feeder Roads Activity
Indicator:	Vehicle operating costs on roads requiring medium and major rehabilitation (i.e., classified as BSRS, BSRE or BSUP)
CP:	Yes
Modification:	This indicator has been dropped
New indicators:	Not Applicable
Justification	This indicator was planned to be measured at the outcome level. Impact of this investment cannot be measured within the life of the Compact and therefore is dropped.
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New indicator introduced (see attached infrastructure matrix for details on individual road links).							
New indicator:	International Roughness Index							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in feeder roads. This is a new indicator for which targets are being set for the first time. Separate infrastructure matrix has been attached to provide details of individual road links.							
<b>Modification 2:</b>	New targets (see attached infrastructure matrix for details on individual road links)							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Meters/Km	12.69					5.47	5.47
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Annualized average daily traffic							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in feeder roads. This is a new indicator for which targets are being set for the first time. Separate infrastructure matrix has been attached to provide details of individual road links.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	298.02				TBD	TBD	TBD
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Kilometers of Feeder Roads Improved (in Annex I only)							
CP:	No							
Modification:	Indicator has been reworded, changing "improved" to "completed".							
New indicator:	Kilometers of feeder roads completed							
Justification	The modification is to ensure the indicator is specific and more measureable. "Completed" is specific and tends to count towards measurement of the indicator compared to "Improved". Secondly the new indicator is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in feeder roads.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Kilometers	0				96.7	406	406
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	Targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							

CP:	No							
Modification:	New indicator introduced							
New indicator:	Percent of contracted Feeder roads works disbursed							
Justification	This is a process milestone that helps to track progress made on disbursements on feeder roads works contracts in beneficiary MiDA districts. It also complements measurement of the high level indicator "Kilometers of feeder roads completed", giving indication of progress made on achieving its associated targets. This is a new indicator for which targets are being set for the first time.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	0			39.14	72.86	100	100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Value of signed contracts for Feeder road works							
Justification	This is a process milestone that helps to track progress made on the contract management of all feeder roads works in beneficiary MiDA districts. It also complements measurement of the high level indicator "Kilometers of feeder roads completed", giving indication of progress made on achieving its associated targets. This is a new indicator for which targets are being set for the first time.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0			24,436,011	45,491,194	62,436,571	62,436,571
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Kilometers of feeder roads designed							
Justification	This is a process milestone that helps to track progress made on length of feeder roads designed, in beneficiary MiDA districts. It also complements measurement of the high level indicator "Kilometers of feeder roads							

	completed", giving indication of progress made on achieving its associated targets.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Kilometers	0		950				950
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	Percent of design/feasibility studies completed.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	0		72.33	100			100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	Value of signed contracts for feasibility and/or design studies							
New indicator:	Yes							
Justification	This is a process milestone that helps to track progress made on the meeting the preparations of feasibility and/or design studies, prerequisite for the construction of feeder roads, in beneficiary MiDA districts. It also complements measurement of the high level indicator "Kilometers of feeder roads completed", giving indication of progress made on achieving its associated targets.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0	2,452,376.00					2,452,376.00

Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of Environmental Assessments approved							
Justification	This is a process milestone that helps to track progress made on the meeting prerequisite environmental standards for the construction of feeder roads in beneficiary MiDA districts. It also complements measurement of the high level indicator "Kilometers of feeder roads completed", giving indication of progress made on achieving its associated targets.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		3				3
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Feeder Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of RAPs for Feeder roads as appropriate							
Justification	This is a process milestone that helps to track progress made on the meeting the preparation of Resettlement Action Plans, prerequisite for the construction of feeder roads in beneficiary MiDA districts. It also complements measurement of the high level indicator "Kilometers of feeder roads completed", giving indication of progress made on achieving its associated targets.							
	This is a new indicator for which targets are being set for the first time.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		3				3
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							



## J. Indicator Changes at the N1 Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	N1 Activity							
Indicator:	International Roughness Index							
CP:	No							
Modification:	N/A							
New indicator:	N/A							
Justification	N/A							
<b>Modification 2:</b>	New Baseline: (see attached infrastructure matrix for details on individual road links)							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	2.5	2.5
Modified Targets:	Meters/Km	4.0					2.5	2.5
Difference:	NA	NA	NA	NA	NA	NA	0	0
Justification:	Baseline being set for the first time following the submission of the Feasibility studies report							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Annualized Average Daily Traffic							
Justification	Annualized Average Daily Traffic (AADT) is primarily a measure in transportation planning and engineering and therefore applicable to the N1. It is a useful and simple measurement of how busy a road is and therefore has traffic management implications on completion of the N1. Secondly this is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	27,737					36,530	36,530
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							

Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of contracted road works disbursed: N1, Lot 1							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements. It is also a process milestone that helps to track progress made on disbursements on roads works contracts of the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads upgraded", giving indication of progress made on achieving its associated targets.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	0		10	41.6%	29.2%	19.2%	100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of contracted road works disbursed: N1, Lot 2							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements. It is also a process milestone that helps to track progress made on disbursements on roads works contracts of the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.							
Modification 2:	New target							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	0			41.6%	29.2%	29.2%	100%
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of signed contracts for road works: N1, Lot 1							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements.							

	It is also a process milestone that helps to track progress made on the contract management of the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0		43,412,150				43,412,150
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of signed contracts for road works: N1, Lot 2							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements.</p> <p>It is also a process milestone that helps to track progress made on the contract management of the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.</p>							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0			58,000,000			58,000,000
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Kilometers of N1 designed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements.</p> <p>It is also a process milestone that helps to track progress made on the meeting the preparations of feasibility and/or design studies, prerequisite for the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.</p> <p>This is a new indicator for which targets are being set for the first time.</p>							

<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Kilometers	0	14.125					14.125
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Kilometers of N1 upgraded							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Kilometers	0					14.125	14.125
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Common Indicator							
New indicator:	Percent of contracted (design/feasibility) studies completed							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements. It is also a process milestone that helps to track progress made on the meeting the preparations of feasibility and/or design studies, prerequisite for the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	0	62.72	100				100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA

Justification:	This is a new indicator for which targets are being set for the first time.
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Common Indicator							
New indicator:	Value of signed contracts for feasibility and/or design study							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements.</p> <p>It is also a process milestone that helps to track progress made on the meeting the preparations of feasibility and/or design studies, prerequisite for the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.</p>							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0	935,298					935,298
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New Indicator Introduced							
New indicator:	Number of environmental assessments approved							
Justification	<p>This is a process milestone that helps to track progress made on the meeting environmental standards prerequisite for the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.</p>							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		1				1
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New Indicator Introduced							
New indicator:	Number of RAPs approved							
Justification	This is a process milestone that helps to track progress made on the meeting the preparation of Resettlement Action Plans, prerequisite for the construction of the 14 km stretch of the N1. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		1	1			2
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Right of Way Acquired							
CP:	No							
Modification:	Indicator has been dropped							
New indicator:	Not Applicable							
Justification	This is a process milestone that has been met in the last reporting year.							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Feasibility Studies Report Submitted							
CP:	No							
Modification:	Indicator has been dropped							
New indicator:	Not Applicable							
Justification	This is a process milestone that has been met in the last reporting year.							

Submitted by:	MiDA							
Country:	Ghana							

Project:	Transportation Project: N1 Activity							
Indicator:	% Physical Completion of N1							
CP:	No							
Modification:	Indicator has been dropped and replaced.							
New indicator:	Kilometers of road upgraded							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	14.125					14.125	14.125
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

#### K. Indicator Changes at the Trunk Roads Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Annual Average Daily Traffic (AADT)							
CP:	No							
Modification:	Reworded indicator statement							
New indicator:	Annualized Average Daily Traffic (AADT)							
Justification	The indicator statement is modified to ensure indicator is specific to the relevant outcome, measurable and time bound. It is also an MCC Common Indicator reported across MCA Program countries.							
<b>Modification 2:</b>	Re-stated targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	570				769.5	769.5	769.5
Modified Targets:	Number	221.5				235	258.5	258.5
Difference:		-348.5				-534.5	-511.0	-511.0
Justification:	Targets have been revised based on findings in the consultant's feasibility study report on the Trunk Roads Activity.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							

Indicators:	1. International Roughness Index (of road requiring minor rehabilitation) 2. International Roughness Index (of road requiring major rehabilitation)							
CP:	Yes							
Modification:	Indicators merged into one and reworded.							
New indicator:	International roughness index							
Justification	1. The indicator statement is modified to ensure indicator is specific to the relevant outcome, measurable and time bound. 2. It is also an MCC Common Indicator reported across MCA Program countries.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	9-12				3.5-6.0	3.5-6.0	3.5-6.0
Modified Targets:	Number	9-12				3.5	3.5	3.5
Difference:	Number					-	-	-
Justification:	Targets have been revised based on findings in the Consultant's Feasibility Study Report on the Trunk Roads Activity. Since the road in question requires major rehabilitation, the target for roads requiring major rehabilitation has been used.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Kilometers of trunk roads improved							
CP:	No							
Modification:	Indicator reworded and introduced into Annex II							
New indicator:	Kilometers of trunk roads completed							
Justification	Wording of Indicator modified to conform to that of MCC common indicator.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A					N/A	N/A
Modified Targets:	Percent	0					75.21	75.21
Difference:								
Justification:	Targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Not Applicable							



CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of contracted roads works disbursed							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in roads improvements. Secondly this is a new indicator for which targets are being set for the first time.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Percent	0			44.2	47.5	8.3	100
Difference:								
Justification:	New indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of signed contracts for road works							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in trunk roads.  This is a new indicator for which targets are being set for the first time.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A			N/A	N/A	N/A	N/A
Modified Targets:	US\$	0			11,622,750	24,098,230	26,288,312	26,288,312
Difference:								
Justification:	New indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Kilometers of trunk roads designed							

Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in trunk roads.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A		N/A				N/A
Modified Targets:	Kilometers	0		230				230
Difference:	N/A	N/A		N/A				N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of contracted (design/feasibility) study completed							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in trunk roads.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A		N/A	N/A			N/A
Modified Targets:	Percent	0		67	100			100
Difference:	N/A	N/A		N/A	N/A			N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of signed contracts for feasibility and/or design studies							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in trunk roads.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	LOA

			Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A					N/A
Modified Targets:	US\$	0	933,699.00					933,699.00
Difference:	N/A	N/A	N/A					N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New Indicator Introduced							
New indicator:	Number of environmental assessments approved							
Justification	This is a process milestone that helps to track progress made on the meeting prerequisite environmental standards for the construction of trunk roads in the Afram Basin Zone. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A		N/A				N/A
Modified Targets:	Number	0		1				1
Difference:								
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New Indicator Introduced							
New indicator:	Number of RAPs approved							
Justification	This is a process milestone that helps to track progress made on the meeting the preparation of Resettlement Action Plans, prerequisite for the construction of trunk roads in the Afram Basin Zone. It also complements measurement of the high level indicator "Kilometers of roads completed", giving indication of progress made on achieving its associated targets.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A		N/A				N/A
Modified Targets:	Number	0			1			1
Difference:								

Justification:	This is a new process milestone indicator for which targets are being set for the first time
Date:	June 30, 2009

### L. Indicator Changes at the Ferry Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project-Ferry Activity							
Indicator:	Travel time for walk-on passengers and small vehicles							
CP:	No							
Modification:	This indicator has been separated into two stand-alone indicators.							
New indicators:	<ol style="list-style-type: none"> <li>1. Travel time for walk-on passengers.</li> <li>2. Travel time for small vehicles</li> </ol>							
Justification	<ol style="list-style-type: none"> <li>1. The split in the indicator is to avoid a double-barreled condition, facilitating adequate data collection and reporting.</li> <li>2. The modification is to ensure that MiDA's interventions in the ferry services activity becomes more focused in terms of performance measurement.</li> </ol>							
<b>Modification 2:</b>	New targets							
Indicators			Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
	<b>Units</b>	<b>Baseline</b>						
Compact Targets (Passenger and Vehicles):	Minutes	150					TBD	TBD
Modified Targets (Passengers):	Minutes	128.4					94.2	94.2
Difference:	Minutes	21.6					-	-
Modified Targets (Small vehicles):		135.5					132	132
Difference:	Minutes	14.5					-	-
Justification:	Modified baselines are extracted from Consultant's Feasibility Study Report on the Ferry Activity. In addition new targets have been set for the indicators							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project-Ferry Activity							
Indicator:	Travel time for trucks							
CP:	No							
Modification:	NA							
New indicators:	NA							
Justification	NA							
<b>Modification 2:</b>	New targets							

Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Minutes	370					TBD	TBD
Modified Targets (	Minutes	1200					390	390
Difference:	Minutes	830					-	-
Justification:	Modified baseline data was extracted from Consultant's Feasibility Study Report on the Ferry Activity. In addition new targets have been set for the indicator.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project-Ferry Activity							
Indicator:	Annual Average Daily Traffic (vehicles)							
CP:	No							
Modification:	Indicator statement reworded							
New indicators:	Annualized average daily traffic (vehicles)							
Justification	The indicator statement is modified to ensure indicator is specific to the relevant outcome, measurable and time bound.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	53					TBD	TBD
Modified Targets:	Number	58					63.8	63.8
Difference:		5+					-	-
Justification:	Modified baselines are extracted from Consultant's Feasibility Study Report on the Ferry Activity. In addition new targets have been set for the indicator.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project-Ferry Activity							
Indicator:	Annual Average Daily Traffic (Passengers)							
CP:	No							
Modification:	Indicator statement reworded							
New indicators:	Annualized average daily traffic (Passengers )							
Justification	The indicator statement is modified to ensure indicator is specific to the relevant outcome, measurable and time bound.							
Modification 2:	New targets							

Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	541					TBD	TBD
Modified Targets:	Number	620					651	651
Difference:		79					-	-
Justification:	Modified baselines are extracted from Consultant's Feasibility Study Report on the Ferry Activity. In addition new targets have been set for the indicator.							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project-Ferry Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	New Indicators recommended by MCC.							
New indicators:	<ol style="list-style-type: none"> <li>1. Percent physical completion of civil works at landing stages</li> <li>2. Landing stages rehabilitated</li> <li>3. Rehabilitation of landing stages completed</li> <li>4. Percent physical completion of ferry terminals</li> <li>5. Ferry terminals upgraded</li> </ol>							
Justification	These are output indicators that would help track progress towards the respective high level indicators							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets 1:	Percent	0				44.6	55.4	100
Modified Targets 2:	Number	0					2	2
Modified Targets 3:	Date	None					31-Dec-2011	31-Dec-2011
Modified Targets 4:	Percent	0				33.3	66.7	100
Modified Targets 5:	Number	0					2	2
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	These are new indicators for which targets are being set for the first time.							
Date:	June 30, 2009							

Submitted by:	MiDA
Country:	Ghana
Project:	Transportation Project-Ferry Activity

Indicator:	Not Applicable							
CP:	No							
Modification:	New Indicators recommended by MCC.							
New indicators:	<ol style="list-style-type: none"> <li>1. Percent of contracted work disbursed: ferry and floating dock</li> <li>2. Percent of contracted work disbursed: landings and terminals</li> <li>3. Value of signed contracts for works: ferry and floating dock</li> <li>4. Value of signed contracts for works: landings and terminals</li> <li>5. Rehabilitation of Akosombo floating dock completed</li> </ol>							
Justification	These are process milestones that help to track progress towards the respective high level indicators.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets 1:	Percent	0				50	50	100
Modified Targets 2:	Percent	0				50	50	100
Modified Targets 3:	US\$	0			5,905,000			5,905,000
Modified Targets 4:	US\$	0				585,200	585,200	1,170,400
Modified Targets 5:	Date	None				30-Jun-2010		30-Jun-2010
Difference:	-	-	-	-	-	-	-	-
Justification:	These are new indicators for which targets are being set for the first time.							
Date:	June 30, 2009							

#### M. Indicator Changes at the Procurement Capacity Activity Level

Submitted by:	MiDA
Country:	Ghana
Project:	Procurement Activity
Indicators:	<ul style="list-style-type: none"> <li>• Time per procurement</li> <li>• Quality of procurement</li> </ul>
CP:	No
Modification:	Dropped
New indicator:	NA
Justification	MiDA interventions will not have impact on this outcome indicator during the Compact period. Any attempt to measure these indicators may lead to the collection of misleading information
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Procurement Activity

Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of practicing procurement personnel who complete training modules.							
Justification	This is an outcome indicator of an activity under Procurement Capacity Activity that can be measured within the Compact period. The indicator will track the outputs from the training program							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	0	0	400	900	900
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of individuals completing Internships at Ministries Departments and Agencies (MDAs), and Metropolitan, Municipal and District Assemblies (MMDAs) etc.							
Justification	This is an outcome indicator for an activity under Procurement Capacity Activity (i.e. is the internship project) that can be measured easily within the Compact period. The indicator							
<b>Modification 2:</b>	New targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0			300	600	700	1600
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	<ul style="list-style-type: none"> <li>Number of Procurement students at various tertiary institutions who have successfully completed</li> </ul>							



	one year of coursework. <ul style="list-style-type: none"> <li>Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework.</li> </ul>							
Justification	These are output indicators which will be providing a measure of progress for the implementation of the training project at the Tertiary Education level.							
<b>Modification 2a:</b>	New targets for Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	0	0	280	800	1080
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Modification 2b:</b>	New targets for Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	0	0	0	0	250	250
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of Interns who gain employment in public procurement.							
Justification	This is an outcome indicator of an activity under Procurement Capacity Activity that can be measured within the Compact period.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0				100	100	200
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of Tertiary Institutions using the Modules developed by Public Procurement Authority PPA/MiDA							
Justification	This is an outcome indicator of an activity under Procurement Capacity Activity that can be measured within the Compact period.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0			1	5	2	8
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of Institutions that agree to accept Interns							
Justification	A key process indicator that will provide a measure of the success of the internship program.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0			150	450	100	700
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

## N. Indicator Changes at the Community Services Activity Level

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Score card of citizen satisfaction with services
CP:	No
Modification:	Indicator reworded
New indicator:	Level of citizen satisfaction with services
Justification	Score card is a participatory methodology used to measure the level of citizen satisfaction with local government services, but not an indicator in itself.
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Gross enrollment rate							
CP:	No							
Modification:	Indicator replaced							
New indicator:	Number of students enrolled in schools affected by Education Facilities Sub-Activity							
Justification	Gross enrolment rate (GER) is normally computed annually by the Ministry of Education by collecting data from all schools in each District of Ghana. However, MiDA's Education Facilities Sub-Activity is targeted at limited number of schools in communities where FBOs are based. Thus, improvements in enrolment in the MiDA targeted schools may not be enough to enhance the overall GER for the District. The new indicator that replaces GER is more specific to schools affected by MiDA's Education Facilities Sub-Activity.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	58,608			61,538	64,468	67,399	67,399
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Date:	June 30, 2009							

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Gender Parity
CP:	No
Modification:	Dropped
New indicator:	N/A

Justification	There is no girl-child enrollment drive in the current interventions planned under MiDA's education sub-activity. Therefore gender parity as a performance indicator is not relevant to the community services project interventions, thus the drop.
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Number of Schools constructed/rehabilitated to MOESS standards (in Annex I only)							
CP:	No							
Modification:	Indicator split into two and wording slightly changed in the second indicator below							
New indicator:	1. Number of school blocks rehabilitated 2. Number of school blocks constructed							
Justification	(i) This is to allow for tracking of new constructions and rehabilitation of existing structures separately to avoid any measurement ambiguities. (ii) The wording has been changed slightly because even MOESS though has some requirements for constructing school buildings, currently they do not have any written standards that can easily be referred to so MiDA has decided to use the specifications authorized in the works contracts as the yardstick for these projects							
<b>Modification 2:</b>	Revised targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets1:	Number	0		35				35
Difference1:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification1:	Reworded indicator so targets are being set for the first time							
Modified Targets2:	Number	0			30	83	361	361
Difference2:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification2:	Reworded indicator so targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	N/A							
CP:	No							
Modification:	New Process Milestones added to set of indicators							
New indicators:	1. Number of school blocks designed and diligenced 2. Shortlist of IDIQ consultants/contractors developed							
Justification	The above mentioned indicators have been added to the M&E plan to provide a fuller picture of progress towards final results beginning with the earliest achievements in the results chain – process milestones. The process milestones added to the M&E plan are all key leading measures of outputs and outcomes that are anticipated in later years of the Compact.							
<b>Modification 2a:</b>	New targets for "Number of school blocks designed and diligenced".							
Indicators	Units	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	LOA

			Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets1:	Number	0	35	90	396			396
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New targets for "Number of basic schools designed and diligenced"							
<b>Modification 2b:</b>	New targets <i>for</i> "Shortlist of IDIQ consultants/contractors developed".							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets 2:	Date	N/A		15-Oct-2008				15-Oct-2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New targets for "Shortlist of IDIQ consultants/contractors developed"							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicators:	1. Distance to collect water 2. Time to collect water							
CP:	No							
Modification:	N/A							
New indicator:	N/A							
Justification	N/A							
<b>Modification 2a:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Target1:	Meters	336					250	250
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification1:	New indicator for which targets are being set for the first time							
<b>Modification 2b:</b>	New targets							
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Target1:	Minutes	30.24					25	25
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Distance to sanitation facility							
CP:	No							
Modification:	Dropped							
New indicator:	N/A							

Justification	MiDA is no longer constructing sanitation facilities for communities. Therefore distance to sanitation facility as a performance indicator is not relevant to the community services project interventions, thus the drop.
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Travel time to sanitation facility
CP:	No
Modification:	Dropped
New indicator:	N/A
Justification	MiDA is no longer constructing sanitation facilities for communities. Therefore travel time to sanitation facility as a performance indicator is not relevant to the community services project interventions, thus the drop.
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Incidence of Guinea worm or Bilharzias							
CP:	Yes							
Modification:	Reworded							
New indicator:	Incidence of guinea worm							
Justification	A major intervention under water sub-activity is in the Guinea worm endemic districts of the Northern Agricultural Zone (NAZ). The disease is the most debilitating, and one which affects productivity/production of farmers. Bilharzias have been dropped because it is not prevalent in the targeted districts in the NAZ.							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	1.64					0.75	0.75
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Incidence of Diarrhea							
CP:	No							
Modification:	Dropped							

New indicator:	N/A
Justification	Though MiDA will be providing potable water for drinking and general use, the intervention is not adequate to reduce the incidence of diarrhea cases since the sanitation component is no longer being implemented. Therefore, incidence of diarrhea may still be on the high side after the provision of water because only one of the factors affecting it would be addressed by MiDA.
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Average number of days lost due to Guinea worm, Diarrhea or Bilharzias
CP:	No
Modification:	Dropped
New indicator:	N/A
Justification	<p>MiDA initially refined the indicator to "Average number of days lost due to Guinea worm" to just focus on Guinea worm because the provision of safe water is expected to greatly reduce the incidence of Guinea worm cases. Diarrhea was dropped since the sanitation component would no longer be implemented; and Bilharzias also dropped since the disease is no longer prevalent in the MiDA targeted Districts.</p> <p>Finally, the indicator, "Average number of days lost due to Guinea worm" has been dropped because it has been discovered to have no relevance to the water and sanitation sub-activities. This means that MiDA is not providing clinical or curative intervention to targeted districts to reduce the number of days one loses as a result of the disease. Secondly, the fact that number of new cases has reduced does not necessarily mean the average number of days lost will reduce. Assuming before the provision of water 1,000 new cases were recorded with an average of 10 days lost; but this reduces to only two new cases after the provision of water. The average number of days lost due to the two reported new cases could still remain at 10 or even higher since the project is not providing any clinical assistance.</p>
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	NA							
CP:	No							
Modification:	New Indicator introduced							
New indicator:	Number of people affected by water and sanitation facilities sub-activity							
Justification	This is to allow for tracking of the beneficiaries of the project.							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0					129,840	129,840
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							

Date:	June 30, 2009							
Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Number of stand-alone boreholes constructed to CWSA standards							
CP:	No							
Modification:	Indicator scope expanded							
New indicator:	# of Stand-alone boreholes/wells/non-conventional water systems constructed to CWSA standards(introduced into both Annexes I&II)							
Justification	Apart from boreholes MiDA will be constructing other water systems for communities. Since the scope has been expanded it is appropriate that the output indicator tracks entire scope of the constructions.							
<b>Modification 2:</b>	Revised targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0				150	350	350
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Indicator scope expanded and targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Number of small town water systems constructed to CWSA standards.							
CP:	No							
Modification:	Reworded and introduced into Annex II							
New indicator:	Number of small town water systems constructed							
Justification	CWSA standards not available as at time of revising the M&E Plan							
<b>Modification 2:</b>	Revised targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0				10	15	25
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Reworded indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							



Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of Pipe extension projects constructed							
Justification	Under the Water and Sanitation sub-activity project MiDA would invest substantially in the Tamale Water Extension Project (TWEP) by extending distribution pipelines to rural communities in Savelugu-Nanton, Tamale, and Tolon-Kumbungu. Thus, the need to introduce an output indicator to track outputs from this investment.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0				4	6	10
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	N/A							
CP:	No							
Modification:	New Process Milestones added to set of indicators							
New indicators:	<ol style="list-style-type: none"> <li>1. Number of stand-alone boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction</li> <li>2. Number of small town water systems designed and diligenced for construction</li> <li>3. Number of pipe extension projects designed and diligenced for construction</li> </ol>							
Justification	The above mentioned indicators have been added to the M&E plan to provide a fuller picture of progress towards final results beginning with the earliest achievements in the results chain – process milestones. The process milestones added to the M&E plan are all key leading measures of outputs and outcomes that are anticipated in later years of the Compact.							
<b>Modification 2a:</b>	New targets for "Number of stand-alone boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction".							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets 1:	Number	0			150	350		350
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New targets for "Number of stand-alone boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction"							
<b>Modification 2b:</b>	New targets for "Number of small town water systems designed and diligenced for construction".							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets 2:	Number	0			25			25
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New targets for "Number of small town water systems designed and diligenced for construction"							
<b>Modification 2c:</b>	New targets for "Number of pipe extension projects designed and diligenced for construction".							
Indicators	Units	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	LOA

			Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets 3:	Number	0			10			10
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New targets for "Number of pipe extension projects designed and diligenced for construction"							
Date:	June 30, 2009							

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Percentage of households in target districts with electricity
CP:	No
Modification:	Dropped
New indicator:	N/A
Justification	The rural electrification sub-activity project is mainly for agro-industry – agro-processing, post-harvest infrastructure and pack houses and nucleus farms. The sub-activity project does not encompass household electrification. Thus, the indicator is not relevant to the sub-activity project, thus the drop.
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Percentage of schools in target districts with electricity
CP:	No
Modification:	Dropped
New indicator:	N/A
Justification	The rural electrification sub-activity project is mainly for agro-industry – agro-processing, post-harvest infrastructure and pack houses and nucleus farms. Although the education sub-activity project may provide electricity to schools whose communities are already on the National electricity grid, the scale is very minimal to show any significance in relation to other rural electrification sub-activity project activities
Date:	June 30, 2009

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Percentage of agricultural processing plants in target districts with electricity
CP:	No
Modification:	Indicator wording revised
New indicator:	Number of agricultural facilities in target districts with electricity due to rural electrification sub-activity
Justification	To simplify the collection and analysis of data percentage replaced with number. Secondly, processing plant

	is just part of agricultural facilities the rural electrification sub-activity will affect. As part of the rural electrification sub-activity, MiDA will extend power to post harvest infrastructure, nucleus farms and pack houses. Thus, the need to replace "agricultural processing plants" with facilities, which is more holistic.							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Percent	TBD						TBD
Modified Targets:	Number	0			4	8	12	12
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Revised indicator so LOA target set for the first time, but annual targets yet to be set							
Date:	June 30, 2009							

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity
Indicator:	Number of electric power transformers installed to ECG/NED standards
CP:	No
Modification:	Dropped
New indicator:	N/A
Justification	Indicator not interesting enough since MiDA is targeting to install only 12 transformers in total
Date:	June 30, 2009

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Number of electric power distribution lines constructed to ECG/NED standards							
CP:	No							
Modification:	Replaced with a process indicator							
New indicator:	Number of electricity lines identified and diligenced							
Justification	The construction of electric power distribution lines would take some time to complete. Also, there was no process indicator in the February 2008 approved M&E Plan to track process towards output, thus the replacement.							
<b>Modification 1:</b>	New targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0			10	12		12
Date:	June 30, 2009							

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity

Indicator:	N/A							
CP:	No							
<b>Modification 1:</b>	New Process Milestones added to set of indicators							
New indicators:	1. Number of electricity projects identified and diligenced 2. Kilometers of electricity lines identified and diligenced							
Justification	The above mentioned indicators have been added to the M&E plan to provide a fuller picture of progress towards final results beginning with the earliest achievements in the results chain – process milestones.							
<b>Modification 2a:</b>	New targets for "Number of electricity projects identified and diligenced".							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets1:	Number	0			10	12		12
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time.							
<b>Modification 2b:</b>	New targets for "Kilometers of electricity lines identified and diligenced".							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets 2:	Kilometers	0			93	200		200
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time.							
Date:	June 30, 2009							

## O. Financial Services

Submitted by:	MiDA							
Country:	Ghana							
Project:	Financial Services Activity							
Indicator:	Number of Interbank transactions							
CP:	No							
<b>Modification1:</b>	N/A							
New indicator:	N/A							
Justification	N/A							
<b>Modification 2:</b>	New Targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	Number	210,000	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	N/A			400,000	450,000	600,000	600,000
Difference:	Number	NA	NA	NA	NA	NA	NA	NA
Justification:	Targets being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Financial Services Activity							

Indicator:	Value of deposit accounts in rural banks							
CP:	No							
Modification1:	N/A							
New indicator:	N/A							
Justification	N/A							
Modification 2:	New Targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	184,593,274	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	N/A			400,000,000	500,000,000	600,000,000	600,000,000
Difference:	US\$	NA	NA	NA	NA	NA	NA	NA
Justification:	Targets being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Financial Services Activity							
Indicator:	Number of PFIs automated under the automation/computerization and interconnectivity of rural banks activity (In Annex I only)							
CP:	No							
Modification1:	Indicator has been introduced into Annex II							
New indicator:	N/A							
Justification	N/A							
Modification 2:	New Targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	N/A	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0			21	70	30	121
Difference:	Number	NA	NA	NA	NA	NA	NA	NA
Justification:	Targets being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Financial Services Activity							
Indicator:	Number of PFIs connected to the WAN under the automation/computerization and interconnectivity of rural banks activity (In Annex I only)							
CP:	No							
Modification1:	Indicator reworded							
New indicator:	Number of PFIs connected to the WAN							
Justification	Indicator has been reworded to make it more specific and has been introduced into Annex II for precision							
Modification 2:	New Targets							
Indicators	Units	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	LOA

			Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	Number	N/A	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0			21	70	30	121
Difference:	Number	NA	NA	NA	NA	NA	NA	NA
Justification:	Targets being set for the first time							
Date:	June 30, 2009							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Financial Services Activity							
Indicator:	N/A							
CP:	N/A							
<b>Modification1:</b>	New process indicator introduced							
New indicator:	Project Management Support Consultant (PMSC) contract signed							
Justification	Indicator has been reworded to make it more specific and has been introduced into Annex II for precision							
<b>Modification 2:</b>	New Targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	NA	NA	NA	NA	NA	NA
Modified Targets:	Date	0		30-Mar-2009				30-Mar-2009
Difference:	Date	NA	NA	NA	NA	NA	NA	NA
Justification:	Targets being set for the first time							
Date:	June 30, 2009							

## P. Environment and Social Impact Assessment Activity

Submitted by:	MiDA						
Country:	Ghana						
Project:	Environment and Social Assessment						
Indicators:	NA						
CP:	No						
Modification:	New Indicator						
New indicators:	<ol style="list-style-type: none"> <li>1. Scoping reports for 3 zones of MiDA delivered</li> <li>2. Public consultation strategy approved</li> <li>3. Draft preliminary SEA approved</li> <li>4. Compact level Environmental indicators submitted</li> <li>5. Environmental Protection Agency (EPA ) IEA signed</li> <li>6. Total number of Resettlement Action Plans approved</li> <li>7. Total number of Environmental Assessments approved</li> </ol>						
Justification	These Process milestones are being introduced to help track the implementation of the Environment and Social Impact Assessment component of the program. These indicators are on the critical path for the implementation of the Environment and Social Assessment component of the program as well as other projects and therefore must be tracked to ensure their timely completion.						

<b>Modification 2 a:</b>	1. New targets for "Scoping reports for 3 zones of MiDA delivered"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	None		20-May-2008				20-May-2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Modification 2b:</b>	2. New targets for "Public consultation strategy approved"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	None		10-Jun-2008				10-Jun-2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Modification 2c:</b>	3. New target for "Draft preliminary SEA approved"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	None		13-Aug-2008				13-Aug-2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Date:	June 30, 2009							
<b>Modification 2d:</b>	New target for "Compact level Environmental indicators submitted"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	None		23-Jul-2008				23-Jul-2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Modification 2e:</b>	New target for "Environmental Protection Agency (EPA ) IEA signed"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Date	None		30-Jun-2008				30-Jun-2008
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Modification 2f:</b>	New target for "Total number of Resettlement Action Plans approved"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0		4	2			6
Difference:								
<b>Modification 2g:</b>	New target for "Total number of Environmental Assessments approved"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0		5				5
Difference:								
Justification:	All the above ESID indicators are new indicators for which targets are being set for the first time							
Date:	June 30, 2009							

## Q. Monitoring and Evaluation

Submitted by:	MiDA							
Country:	Ghana							
Project:	Monitoring and Evaluation							
Indicator:	N/A							
CP:	No							
<b>Modification 1:</b>	New process milestones introduced							
New indicators:	1. Clean GLSS5+ baseline data received by MiDA 2. FBO survey launched 3. FBO baseline data received by MiDA 4. Feeder Roads Investment Evaluation contract signed							
<b>Modification 2a:</b>	New target for "Clean GLSS5+ baseline data received by MiDA"							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Target 1:	Date	None			31-May-09			31-May-09
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
<b>Modification 2b:</b>	New targets for "FBO survey launched"							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets 2:	Date	None		1-Nov-08				1-Nov-08
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
<b>Modification 2c:</b>	New target for "FBO baseline data received by MiDA"							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Target 3:	Date	None			31-May-09			31-May-09
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
<b>Modification 2d:</b>	New target for "Feeder roads investment evaluation contract signed"							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets 4:	Date	NA		18-Nov-08				18-Nov-08
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	All the above M&E indicators are new indicators for which targets are being set for the first time							
Date:	June 30, 2009							



## ANNEX VIII A: (March 2010) INDICATOR CHANGES FOR INDICATORS IN ANNEXES I AND II

## A. Indicator Changes at the Compact Goal Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Aggregate Poverty Gap of beneficiaries							
CP:	No							
Modification:	Baseline introduced							
Justification	Baseline data obtained from GLSS5+							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	TBD	N/A	N/A	N/A	N/A	TBD	TBD
Modified Targets:	US\$	221.71 million	N/A	N/A	N/A	N/A	TBD	TBD
Difference:	US\$	N/A	N/A	N/A	N/A	N/A	TBD	TBD
Date:	March 24, 2010							

## B. Indicator Changes at the Commercial Agricultural Training Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	Number of agribusinesses assisted							
CP:	No							
Modification:	Change in indicator classification type							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA		NA	NA	NA	NA	NA
Modified Targets:	Number	0		310	650	350	10	1,320
Modified Targets1:	Number	0		310	960	1,310	1,320	1,320
Difference:	NA	0		NA	NA	NA	NA	NA
Justification:	Targets revised because of change of indicator classification type from incremental to cumulative for ease in measurement.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	Number of Farmers adopting new technologies and farming methods							
CP:	No							
Modification:	Targets revised							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	0	NA	5,100	12,750	15,300	17,850	51,000

Modified Targets:	Number	0		5,100	12,750	15,300	9,350	42,500
Difference:	NA	0	NA	0	0	0	8,500	8,500
Justification:	Targets revised following budget reallocation in Dec 2009.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Number of enterprises that have applied improved techniques							
Justification	The indicator has been included here because it is one of the newly introduced common indicators to be reported by all MCA countries implementing projects on Commercial Agriculture Training.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	N/A	N/A	7	20	58	85
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicators:	<ul style="list-style-type: none"> <li>Number of FBOs Trained in Commercial Agriculture</li> <li>Number of Farmers Trained in Commercial Agriculture.</li> </ul>							
CPs:	No							
Modification 2a:	New targets for "Number of FBOs trained in Commercial Agriculture"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		300	600	300		1200
Modified Targets1:	Number	0		300	600	100		1000
Difference:	NA	0		0	0	200		200
Justification:	These are new Targets following budget reallocation in Dec 2009.							
Modification 2b:	New targets for "Number of Farmers trained"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	15,000	30,000	15,000	NA	60,000
Modified Targets:	Number	0		15,000	30,000	5,000		50,000
Difference:	NA	NA	NA	0	0	10,000	NA	10,000
Justification:	These are new Targets following budget reallocation in Dec 2009.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	Training and Technical Services Provider Task Orders issued							
CP:	No							
Modification:	Change in target							
Justification	These are new Targets following budget reallocation in Dec 2009.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0	N/A	58	174	28	N/A	260
Modified Targets1:	Number	0	N/A	58	174	18	N/A	250
Difference:	Number	0	N/A	0	0	10	N/A	10
Date:	March 24, 2010							

## C. Indicator Changes at the Irrigation Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	Additional hectares irrigated with MCC support							
CP:	Yes							
<b>Modification 2:</b>	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Hectares	0	NA	280	1,100	1,720	1,960	5,060
Modified Targets:	Hectares	0	NA	280	1,100	920	1,900	4,200
Difference:	Hectares	0	NA	0	0	800	60	860
Justification:	Targets revised following budget reallocation in Dec 2009.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	Value of signed Contracts for feasibility and/or design studies							
CP:	No							
Justification	This is a process indicator to assist in tracking progress towards achievement of higher level indicators							
Modification:	Targets dropped							
Indicators	Units	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	LOA

			Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0			2,487,006.00	1,901,000.00	1,424,000.00	5,812,006.00
Modified Targets 1:	US\$	0			Not required	Not required	Not required	Not required
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	Indicator for 'Value of signed contracts' do not require targets.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	Value of signed Contract for Irrigation Works							
CP:	No							
Modification:	Targets dropped							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	US\$	0				5,844,400.00	8,766,000.00	14,610,400.00
Modified Targets 1:	US\$	0			Not required	Not required		Not required
Difference:	NA		NA	NA	NA	NA	NA	NA
Justification:	Indicator for 'Value of signed contracts' do not require targets.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Irrigation Activity							
Indicator:	Percent of Contacted designed/feasibility studies for irrigation completed.							
CP:	No							
Modification:	Indicator Classification changed from Incremental to Cumulative							
Justification:	To make it consistent with similar indicators for other activities							
Modification 2:	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets I	%	0			42.8	32.7	24.5	100
Modified Targets II					42.8	75.5	100	100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification:	Targets revised to reflect modification in Indicator Classification.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							

Project:	Irrigation Activity							
Indicator:	Percent of value of contracted irrigation works disbursed							
CP:	No							
Modification:	Indicator Classification changed from Incremental to Cumulative							
Justification	To make it consistent with similar indicators for other activities							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets	%	0	NA	NA	NA	40	60	100
Modified Targets I						40	100	100
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification	Targets revised to reflect modification in Indicator Classification.							
Date:	March 24, 2010							

#### D. Indicator Changes at the Land Facilitation Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Percent of people aware of their land rights in MiDA intervention zones							
CP:	Yes (recommended)							
Modification 1:	Recommendation to replace "Number of days to conduct a land transaction" as CP dropped.							
Justification	The original CP does not necessarily have to be replaced.							
Modification 2: Name change	Percent of people aware of their land rights in the Pilot Land Registration Areas.							
Justification	The indicator name was modified in the revised M&E Plan submitted on June 30, 2009 from Percent of people aware of their land rights in MiDA intervention zones, but this change did not reflect in Annexes I and II of the Plan.							
Date:	March 24, 2010.							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Total number of land parcels registered in the Pilot Land Registration Areas (PLRAs)							
CP:	Yes							
Modification:	Revised scheduling of targets							
	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	TBD in 2008			30% increase from baseline		100% increase from baseline	100% increase from baseline
Modified Targets (Jun 30 2009):	Number	0	0	0	1,800	3,000	0	4,800
Modified	Number	0	0	0	1,800	1,500	1500	4,800

Targets (Feb 28, 2010):								
Difference:	N/A	N/A	N/A	N/A	0	1,500	-1,500	0
Justification:	The scheduling of the survey of land parcels have been affected by the re-scoping of the Land Activity following the assessment of the Land Project in September 2009.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Rural Hectares formalized							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Hectares	0	0	0	2,713	1,940	2,347	7,000
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	This is a new indicator for which targets are being set for the first time.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Rural Hectares mapped							
CP:	No							
Modification:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets (Jun 30, 2009):	Hectares	0	0	2,713	2,960	11,346	0	17,019
Modified Targets (Feb 28, 2010):	Hectares	0	0	2,713	2,960	980	347	7,000
Difference:	N/A	N/A	N/A	0	0	10,366	-347	10,019
Justification:	The targeted land to be mapped has been reduced and the schedule of activities has been affected by the re-scoping of the Land Activity following the assessment of the Land Project in September 2009.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Legal and Regulatory reforms adopted							
CP:	No							
Modification	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets Jun 30, 2009):	Number	0	0	1	3	3	2	9
Modified Targets Feb 28, 2010):	Number	0	0	1	0	1	0	2
Difference:	N/A	N/A	N/A	0	3	2	2	7
Justification:	Following the assessment of the Land Project in September 2009, the number of Pilot Sites has been reduced from the original Compact Target of nine to two. Therefore, only two Legislations on Declaration of Pilot Land Registration Areas are targeted.							
Date:	February 29, 2010							

#### E. Indicator Changes at the Post Harvest Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Number of cooling facilities installed							
CP:	No							
Modification:	Targets revised							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0		7		8		15
Modified Targets 1:	Number	0		7		0		7
Difference:	Number	0	NA	0	NA	8	NA	8
Justification:	As a result of the December 2009 budget reallocation by MiDA, the number of facilities was reduced from 15 to 7.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							

Project:	Agriculture Activity							
Indicator:	Area of cold storage facilities constructed							
CP:	No							
Justification								
Modification:	Targets revised							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0			811.1	926.9		1,738
Modified Targets 1:	Number	0			1,021	0		1,021
Difference:	Number	0	NA	NA	-209.9	926.9	NA	717
Justification:	As a result of the December 2009 budget reallocation by MiDA, the number of facilities was reduced from 15 to 7, thus reducing the area of cold storage to be constructed.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Area of Pack-houses and Post Harvest Infrastructure constructed							
CP:	No							
Modification:	New targets							
	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets:	Number	0				17,076		17,076
Modified Targets I	Number					9,040		9,040
Difference:	NA	NA	NA	NA	NA	8,036	NA	8,036
Justification:	Targets revised to reflect changes in December 2009 budget reallocation							
Date:	March 24, 2010							

#### F. Indicator Changes at the Credit Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Value of loans disbursed to clients from agricultural loan fund							
CP:	Yes							
Modification 2:	Targets revised							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0		4,500	12,000	14,500	17,000	17,000
Modified Targets	US\$			7,000,000	15,000,000	25,000,000	35,000,000	35,000,000
Modified Targets 1:	US\$			7,000,000	15,000,000	25,000,000	26,000,000	26,000,000
Difference	US\$			0	0	0	9,000,000	9,000,000



Justification:	Targets revised to reflect changes in December 2009 reallocation budget
Date:	March 24, 2010

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Number of loans disbursed to clients from agricultural loan fund							
CP:	No							
Modification:	Targets revised							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets	Number	0		90	270	360	540	540
Modified Targets1	Number	0	N/A	90	270	360	400	400
Difference	Number	0	N/A	0	0	0	140	140
Justification:	Targets revised to reflect changes in December 2009 budget reallocation							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Number of clients receiving loans disbursed from agricultural loan fund							
CP:	No							
Modification:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets	Number	0	N/A	5,000	13,000	15,500	18,000	18,000
Modified Targets 1	Number	0	N/A	5,000	13,000	15,500	16,050	16,050
Difference	Number	0		0	0	0	1,950	1,950
Justification:	Targets revised to reflect December 2009 budget reallocation. Also to reflect realistic targeting.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Number of Participating Financial Institutions' staff trained							
CP:	No							
Modification:	Indicator Classification changed from Incremental to Cumulative							
Justification	To make the classification consistent with that of other Credit indicators							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets	Number	0	N/A	120	200	100	60	480
Modified Targets 1	Number	0		120	320	420	480	480
Difference	Number	0	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Targets revised to reflect modification in Indicator Classification.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Credit Activity							
Indicator:	Total outstanding principal balance for group/individual loans							
CP:	No							
Modification:	Targets revised							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	NA	NA	NA	NA	NA	NA	NA	NA
Modified Targets	US\$	0		7,000,000	15,000,000	25,000,000	35,000,000	35,000,000
Modified Targets1	US\$	0		7,000,000	15,000,000	20,000,000	20,800,000	20,800,000
Difference	NA			0	0	5,000,000	14,200,000	9,000,000
Justification:	Targets revised to reflect current lending trends, which decreased to reflect the levels in the portfolio at risk.							
Date:	March 24, 2010							

#### G. Indicator Changes at the Feeder Roads Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Kilometers of feeder roads completed							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised from Year 4 to Year 5, based on updated information on the feeder roads activity.							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	Kilometers	0				96.7	406	406
Modified Targets:	Kilometers						357.44	357.44
Difference:	Kilometers	0				96.7	48.56	48.56
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Value of signed contracts for feeder roads works							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to new MCC requirements.							

Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	N/A			N/A	N/A	N/A	N/A
Modified Targets:	US\$				24,436,011	45,491,194	62,436,571	62,436,571
Modified Targets 1:	N/A	0			Not Required	Not Required		Not Required
Difference:	N/A	0			Not Required	Not Required		Not Required
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Value of signed contracts for feasibility and/or design studies							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0	2,452,376.00					2,452,376.00
Modified Targets:	US\$		Not Required					Not Required
Difference:	N/A	N/A	N/A					N/A
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Kilometers of feeder roads under works contracts							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Kilometers				357.44			357.44
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Justification:	This is a new indicator for which targets are being set for the first time
Date:	March 24, 2010

#### H. Indicator Changes at the N1 Highway Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Vehicles per hour at peak hour							
CP:	No							
Modification:	Baseline obtained and targets adjusted							
New indicator:	N/A							
Justification	The baseline for this indicator has been obtained from Consultant's feasibility report, replacing the pre-Compact value.							
Modification 2:	Revised targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	> 2000					3120	3120
Modified Targets:		4021					4254	4254
Difference:	N/A	2021					1134	1134
Justification:	The target has been revised due to new baseline value.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Kilometers of N1, Lot 1 under works contracts							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on transportation.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A			N/A			N/A
Modified Targets:	Kilometers							
Difference:	N/A	0			6.00			6.00
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Value of signed contracts for roads works, N1 Lot 1							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0		43,412,150.00				43,412,150.00
Modified Targets:								
Difference:	N/A	N/A		Not Required				Not Required
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Percent of contracted road works disbursed: N1, Lot 1							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to change in Indicator Classification Type from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Percent	0		10%	41.6%	29.6%	19.2%	100%
Modified Targets:				10%	41.6%	70.8%	100%	100%
Difference:	N/A	N/A		0	0	-41.2	-80.8	0
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Kilometers of N1, Lot 2 under works contracts							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on transportation.							

Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A			N/A			N/A
Modified Targets:	Kilometers	0			8.125			8.125
Difference:	N/A	0			8.125			8.125
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Percent of contracted road works disbursed: N1, Lot 2							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to change in Indicator Classification Type from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Percent	0			41.6%	29.2%	29.2%	100%
Modified Targets:					41.6%	70.8%	100%	100%
Difference:	N/A	N/A			0	-41.2	-80.8	0
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Value of signed contracts for feasibility and/or design study							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0	935,298.00					935,298.00
Modified Targets:		N/A	Not Required					Not Required
Difference:	N/A		N/A					N/A
Date:	March 24, 2010							

## I. Indicator Changes at the Trunk Road Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	N/A							
CP:	No							
Modification:	New indicator introduced							
New indicator:	Kilometers of trunk roads under works contracts							
Justification	The indicator has been included here because it is one of the common indicators that will be reported by all MCA countries implementing projects on land.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A		N/A
Modified Targets:	Kilometers				75.21			75.21
Difference:	N/A	0			75.21			75.21
Justification:	This is a new indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Value of signed contracts for roads works							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0	935,298.00		11,622,750	24,098,230	26,288,312	26,288,312
Modified Targets:		N/A	Not Required		Not Required	Not Required	Not Required	Not Required
Difference:	N/A		N/A		N/A	N/A	N/A	N/A
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Value of signed contracts for feasibility and/or design studies							
CP:	No							
Modification:	Revised Targets							

New indicator:	N/A							
Justification	Targets revised due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0	933,699.00					933,699.00
Modified Targets:		N/A	Not Required					Not Required
Difference:	N/A		N/A					N/A
Date:	March 24, 2010							

## J. Indicator Changes at the Ferry Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Percent Physical Completion of Civil Works at Landing Stages							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to change in the Indicator Classification Type from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Percent	0				44.6%	55.4%	100%
Modified Targets:		N/A				44.6%	100%	100%
Difference:	N/A	N/A				0	44.6%	N/A
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Percent Physical Completion of Ferry Terminals							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to change in the Indicator Classification Type from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Percent	0				33.3%	66.7%	100%
Modified Targets:		N/A				33.3%	100%	100%
Difference:	N/A	N/A				0	33.3%	N/A
Date:	March 24, 2010							



Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Value of signed contracts for works: Ferry and Floating Dock							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to new MCC requirements							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0			5,905,000			5,905,000
Modified Targets:		N/A			Not Required			Not Required
Difference:	N/A	N/A			N/A			N/A
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Percent of contracted work disbursed: Ferry and Floating Dock							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to change in the Indicator Classification Type from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Percent	0				50%	50%	50%
Modified Targets:		N/A				50%	100%	100%
Difference:	N/A	N/A				0	50%	N/A
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Value of signed contracts for works: Landings and Terminals							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to new MCC requirements							
Indicators	Units	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	LOA

			Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	0				585,200.00	585,200.00	1,170,400
Modified Targets:		N/A				Not Required		Not Required
Difference:	N/A	N/A				N/A	N/A	N/A
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Percent of contracted work disbursed: Landings and Terminals							
CP:	No							
Modification:	Revised Targets							
New indicator:	N/A							
Justification	Targets revised due to change in the Indicator Classification Type from Incremental to Cumulative.							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	Percent	0				50%	50%	50%
Modified Targets:		N/A				50%	100%	100%
Difference:	N/A	N/A				0	50%	N/A
Date:	March 24, 2010							

#### K. Indicator changes at the Procurement Capacity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Capacity Activity							
Indicator:	Number of Interns who gain employment in public procurement.							
CP:	No							
Modification:	Revised Targets							
Justification	The first batch of students who participated in the internship program will be undertaking National Service (which is mandatory for all persons completing tertiary education) from beginning of November 2010 to end of August 2011. Thus, year four of the Compact would end when these interns are still serving; and would only be eligible for formal employment either temporarily or permanently (according Ghanaian laws) after August 2011, which is about six months to the end of the Ghana Compact.							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets1:	Number	0				100	100	200
Modified Targets2:	Number	0				0	100	100
Difference:	Number	0				100	0	100
Date:	March 24, 2010							

## L. Indicator Changes at the Community Services Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Number of students enrolled in schools affected by Education Facilities Sub-Activity							
CP:	No							
Modification:	Targets changed							
Justification	More current and school-specific data from Ministry of Education (MoE) Education Management Information System (EMIS) for the 2008/2009 Academic Year now obtained and used to set a more reliable enrolment targets. Comparatively fewer missing data (school-specific) was estimated prior to setting targets this time round. Also, as a result of MiDA's budget reallocation exercise in December 2009, Community Services budget has been cut, thus reducing the number of schools to be constructed from 361 to 283. This has resulted in corresponding target changes in enrolment.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets1:	Number	58,608			61,538	64,468	67,399	67,399
Modified Targets2:	Number	41,662			43,745	45,828	47,911	47,911
Difference:	N/A	16,946			17,793	18,640	19,488	19,488
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Additional female students enrolled in schools affected by Education Facilities Sub-Activity							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in Education facilities improvements as well as improvements in teaching and learning. It is also an outcome indicator that would help to measure the ratio of female to male pupils with regards to additional enrolment as a result of MCC investments in Educational facilities improvement in Ghana.							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0			981	1,962	2,943	2,943
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time.							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							

Indicator:	Number of school blocks constructed							
CP:	No							
Modification:	Revised Targets							
Justification	As a result of MiDA's budget reallocation exercise in December 2009, Community Services budget has been cut, thus reducing the number of schools to be constructed from 361 to 283.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets1:	Number	0			30	78	361	361
Modified Targets2:	Number	0			30	78	283	283
Difference:	N/A	0			0	0	78	78
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of signed works contracts for MCC-supported educational facility (construction/rehabilitation)							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in Education facilities improvements as well as improvements in teaching and learning. It is also a process milestone that helps to track progress made on the contract management of the construction of Educational facilities - school blocks, Teachers' accommodation, ICT centers and toilets/urinals. It also complements measurement of the output level indicators "Number of school blocks constructed" and "Number of Schools rehabilitated", giving indication of progress made on achieving its associated targets.							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	US\$	0			Not Required (NR)	NR		NR
Difference:	N/A	N/A	N/A	N/A	N/A	N/A		N/A
Justification:	New indicators for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of works contract sums (construction/rehabilitation) disbursed							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in Education facilities improvements as well as improvements in teaching and learning. It is also a process milestone that helps to track progress made on disbursements on Educational facilities works contracts for the construction of school blocks, Teachers' accommodation, ICT centers and toilet/urinal facilities. It also complements measurement of the output level indicators "Number of school blocks constructed" and "Number of Schools rehabilitated", giving indication of progress made on achieving its associated targets.							

	Note also that this is a proxy indicator for physical completion of education facility works. However, since the numerator includes industry standard advance payments and mobilization fees, it does not correlate perfectly with physical progress.							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent	0			20	95	100	100
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicators for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Volume of domestic water consumption							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in Water and sanitation facilities improvements. It is also an outcome indicator that would help to measure improvement in access to and availability of safe water for drinking and household chores as a result of MCC investments in water and sanitation facilities improvement in Ghana.							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	lpcpd	TBD					TBD	TBD
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicators for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Number of people trained in hygiene and sanitary best practices							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in Water and sanitation improvements. It is also a proxy output indicator that would give an indication of the expected improvement in hygiene and sanitary practices as a result of MCC investments in water and sanitation facilities improvement in Ghana.							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0			249	1,329	1,661	1,661
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Number of Households with access to improved water supply							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in Water and sanitation improvements. It is also an outcome indicator that would help track access to improved water supply as a result of MCC investments in water and sanitation facilities improvement in Ghana.							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	TBD					TBD	TBD
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Number of water points constructed							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in Water and sanitation improvements. It is also an output indicator that would better track access to improved water supply points than a mere count of Boreholes, STWS and Pipe Extension Projects (including TWEP) as a result of MCC investments in water and sanitation facilities improvement in Ghana. Thus, this single indicator replaces the 3 indicators on number of (i) boreholes, (ii) STWS and (iii) pipe extensions constructed/rehabilitated							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0				156	377	377
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of works contract sums for Boreholes disbursed							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements. It is also a process milestone that helps to track progress made on disbursements on water and sanitation works contracts of the construction of the Boreholes. It also complements measurement of the output level indicator "Number of stand-alone boreholes/wells/non-conventional water systems constructed/rehabilitated", giving							

	<p>indication of progress made on achieving its associated targets.</p> <p>Note also that this is a proxy indicator for physical completion of water and sanitation facilities works. However, since the numerator includes industry standard advance payments and mobilization fees, it does not correlate perfectly with physical progress.</p>							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent	0			20	70	100	100
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of works contract sums for Small Town Water System disbursed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on disbursements on water and sanitation works contracts of the construction of the Small Town Water Systems. It also complements measurement of the output level indicator "Number of Small Town Water Systems (STWS) constructed", giving indication of progress made on achieving its associated targets.</p> <p>Note also that this is a proxy indicator for physical completion of water and sanitation facilities works. However, since the numerator includes industry standard advance payments and mobilization fees, it does not correlate perfectly with physical progress.</p>							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent	0			20	60	100	100
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of works contract sums for Pipe Extension Projects disbursed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on disbursements on water and sanitation works contracts of the construction of the Pipe Extension Projects. It also complements measurement of the output level indicator "Number of Pipe Extension Projects constructed", giving indication of progress made on achieving its associated targets.</p>							

	Note also that this is a proxy indicator for physical completion of water and sanitation facilities works. However, since the numerator includes industry standard advance payments and mobilization fees, it does not correlate perfectly with physical progress.							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent	0			20	65	100	100
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of works contract sum for Tamale Water Extension Project disbursed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on disbursements on water and sanitation works contract of the construction of the Tamale Water Extension Project.</p> <p>Note also that this is a proxy indicator for physical completion of water and sanitation facilities works. However, since the numerator includes industry standard advance payments and mobilization fees, it does not correlate perfectly with physical progress.</p>							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent	0				60	100	100
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of Boreholes construction contracts signed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on the contract management of the construction of the Boreholes. It also complements measurement of the output level indicator "Number of stand-alone boreholes/wells/non-conventional water systems constructed/rehabilitated", giving indication of progress made on achieving its associated targets.</p>							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Modified Targets:	US\$	0			NR	NR		NR
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of Small Town Water Systems construction contracts signed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on the contract management of the construction of the Small Town Water Systems. It also complements measurement of the output level indicator "Number of Small Town Water Systems constructed", giving indication of progress made on achieving its associated targets.</p>							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	US\$	0			NR	NR		NR
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of Pipe Extension Projects construction contracts signed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on the contract management of the construction of the Pipe Extension Projects. It also complements measurement of the output level indicator "Number of Pipe Extension Projects constructed", giving indication of progress made on achieving its associated targets.</p>							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	US\$	0			NR	NR		NR
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of Tamale Water Extension Project construction contract signed							

Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements. It is also a process milestone that helps to track progress made on the contract management of the construction of the Tamale Water Extension Project.							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	US\$	0			NR	NR		NR
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of consultancy fees disbursed for Boreholes, Small Town Water Systems and Pipe Extension Projects feasibility studies							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements. It is also a process milestone that helps to track progress made on disbursements on water and sanitation feasibility studies contracts on Boreholes, Small Town Water Systems and Pipe Extension Projects. It also complements measurement of the process milestones "Number of Pipe Extension Projects designed and diligenced for construction", "Number of Small Town Water Systems (STWS) designed and diligenced for construction", and "Number of stand-alone boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction", giving indication of progress made on achieving its associated targets.							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent				30	74	100	100
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Percent of consultancy fees disbursed for Tamale Water Extension Project feasibility studies							
Justification	This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements. It is also a process milestone that helps to track progress made on disbursements on water and sanitation feasibility studies contracts on Tamale Water Extension Project.							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Modified Targets:	Percent				37	77	100	100
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of Feasibility and/or Detailed Design Contracts for Boreholes, Small Town Water Systems and Pipe Extension Projects signed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on disbursements on water and sanitation feasibility studies contracts on Boreholes, Small Town Water Systems and Pipe Extension Projects. It also complements measurement of the process milestones "Number of Pipe Extension Projects designed and diligenced for construction", "Number of Small Town Water Systems (STWS) designed and diligenced for construction", and "Number of stand-alone boreholes/wells/non-conventional water systems identified and diligenced for rehabilitation/construction", giving indication of progress made on achieving its associated targets.</p>							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	US\$	0			NR			NR
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Not Applicable							
CP:	No							
Modification:	MCC Introduced Common Indicator							
New indicator:	Value of Feasibility and/or Detailed Design Contract for Tamale Water Extension Project signed							
Justification	<p>This is a common indicator introduced by MCC, to be reported by MCA Program countries with investments in water and sanitation improvements.</p> <p>It is also a process milestone that helps to track progress made on disbursements on water and sanitation feasibility studies contracts on Tamale Water Extension Project.</p>							
Modification 2:	Revised targets:							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	US\$	0			NR			NR
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	New indicator for which targets are being set for the first time							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Kilometers of electricity lines identified and diligenced							

CP:	No							
Modification:	Target revised upwards							
Justification	LOA increased from 200 to 230 to conform with the December 2009 reallocation budget							
Modification 2:	Revised targets:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets1	Km	0	200		93	200	N/A	200
Modified Targets2	Km	0	230		93	230	N/A	230
Difference:	N/A	0	N/A	N/A	0	-30	N/A	-30
Date:	March 24, 2010							

## M. Indicator Changes at the Financial Services Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Financial Services Activity							
Indicator:	Number of Interbank transactions							
CP:	No							
Modification1:	N/A							
New indicator:	N/A							
Justification	N/A							
Modification 2:	New Targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	210,000	NA	NA	NA	NA	NA	NA
Modified Targets as of June 30, 2009:	Number	N/A			400,000	450,000	600,000	600,000
Modified Targets as of 28 Feb 2010:	Number	516,565	NA	NA	983,933	1,106,925	1,475,900	1,475,900
Justification:	Targets being set to reflect new baseline (as of 31 Dec 2008 submitted by KPMG)							
Date:	March 24, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Financial Services Activity							
Indicator:	Value of deposit accounts in rural banks							
CP:	No							
Modification1:	N/A							
New indicator:	N/A							
Justification	N/A							
Modification 2:	New Targets							
Indicators	Units	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	LOA

			Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	GHS	184,593,274	NA	NA	NA	NA	NA	NA
Modified Targets as of June 30, 2009:	US\$	N/A			400,000,000	500,000,000	600,000,000	600,000,000
Modified Targets as of 28 Feb 2010:	US\$	283,421,931	NA	NA	745,184,248	931,480,310	1,117,776,371	1,117,776,371
Justification:	Targets being set to reflect new baseline (as of 31 Dec 2008 submitted by KPMG)							
Date:	March 24, 2010							

## N. Environment and Social Impact Assessment Activity

Submitted by:	MiDA							
Country:	Ghana							
Project:	Environment and Social Assessment							
Indicators:	<ul style="list-style-type: none"> <li>Total number of Resettlement Action Plans approved</li> <li>Total number of Environmental Assessments approved</li> </ul>							
CP:	No							
Modification:	Indicator Classification changed from Incremental to Cumulative							
Justification								
<b>Modification 2.1:</b>	New target for "Total number of Resettlement Action Plans approved"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0		4	2			6
Modified Targets I	Number	0		4	6			6
Difference:	N/A	N/A		N/A	N/A			N/A
<b>Modification 2.2:</b>	New target for "Total number of Environmental Assessments approved"							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0		5				5
Modified Targets I	Number	0		5				5
Difference:	N/A	N/A		N/A				N/A
Justification:	Targets revised to reflect modification in Indicator Classification.							
Date:	March 24, 2010							

## ANNEX VIII B: (NOVEMBER 2010) INDICATOR CHANGES FOR INDICATORS IN ANNEXES I AND II

## A. Indicator Changes at the Goal Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Net Income/Revenue							
CP:	No							
Modification:	Baseline established and targets set							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	TBD	NA	NA	NA	NA	TBD	TBD
Modified Targets:	US\$	464					888	888
Difference:	NA	NA	NA	NA	NA	NA	NA	NA
Justification	Baseline established and targets being set for the first time from the FBO survey.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Crop Income (Northern Zone)							
CP:	No							
Modification:	Revised baseline and targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	700					1,645	1,645
Modified Targets:	US\$	230					541	541
Difference:	US\$	470					1,104	1,104
Justification	Baselines and targets are being revised based on more realistic and current data obtained from the FBO survey.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Crop Income (Afram Basin Zone - East)							
CP:	No							
Modification:	Revised baseline and targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	820					1,271	1,271

Modified Targets:	US\$	302					467	467
Difference:	US\$	518					804	804
Justification	Baselines and targets are being revised based on more realistic and current data obtained from the FBO survey.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Crop Income (Afram Basin Zone - West)							
CP:	No							
Modification:	Revised baseline and targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	540					1,306.80	1,306.80
Modified Targets:	US\$	700					1,693	1,693
Difference:	US\$	-160					-386.2	-386.2
Justification	Baselines and targets are being revised based on more realistic and current data obtained from the FBO survey.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Crop Income (Southern Zone)							
CP:	No							
Modification:	Revised baseline and targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	1,860					2,473.80	2,473.80
Modified Targets:	US\$	468.4					623	623
Difference:	US\$	1,391.6					1,850.8	1,850.8
Justification	Baselines and targets are being revised based on more realistic and current data obtained from the FBO survey.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Aggregate Poverty Gap of beneficiaries							
CP:	No							
Modification:	Indicator dropped							
Justification	Dropped because the second round of the GLSS5+ data collection would occur outside the Compact period. However, the data will form part of the overall impact evaluation.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Crop Income from staples							
CP:	No							
Modification:	Establish baseline and set targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A					N/A	N/A
Modified Targets:	US\$	457.13					907	907
Difference:	N/A	N/A					N/A	N/A
Justification	Baseline established and targets being set for the first time based on data from FBO Survey							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Crop Income from high value crops							
CP:	No							
Modification:	Establish baseline and set targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	N/A					N/A	N/A
Modified Targets:	US\$	526.4					969	969
Difference:	US\$	N/A					N/A	N/A
Justification	Baseline established and targets being set for the first time based on data from FBO Survey							
Date:	November 30, 2010							

## B. Indicator Changes at the Program Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Program Objective 1							
Indicator:	Productivity of land in Afram Basin Zone: Maize							
CP:	Yes							
Modification:	Revised baseline and targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	Metric tons/hectare	1.9			1.92	1.98	2.13	2.13
Modified Targets:	Metric tons/hectare	2.48			2.50	2.58	2.78	2.78
Difference:	Metric	-0.58			-0.58	-0.60	-0.65	-0.65



	tons/hectare							
Justification	Baselines and targets are being revised based on more realistic and current data obtained from the Crop Cut Survey							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Program Objective 1							
Indicator:	Productivity of land in the Northern Zone: Soya							
CP:	Yes							
Modification:	Set baseline and targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	Metric tons/hectare	1.22			1.26	1.36	1.50	1.50
Modified Targets:	Metric tons/hectare	1.36			1.37	1.41	1.52	1.52
Difference:	Metric tons/hectare	-0.14			-0.11	-0.05	-0.02	-0.02
Justification	Baselines and targets are being revised based on more realistic and current data obtained from the Crop Cut Survey.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Program Objective 1							
Indicator:	Productivity of land in the Southern Zone: Export-grade pineapple							
CP:	Yes							
Modification:	To set Baseline and New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	Metric tons/hectare	8			8.08	8.64	10.08	10.08
Modified Targets:	Metric tons/hectare	25.66			25.92	27.71	32.33	32.33
Difference:	Metric tons/hectare	-17.66			-17.84	-19.07	-22.25	-22.25
Justification	Baselines and targets are being revised based on more realistic and current data obtained from the Crop Cut Survey.							
Date:	November 30, 2010							

### C. Indicator Changes at the Program Level

Submitted by:	MiDA							
Country:	Ghana							

Project:	Compact Goal							
Indicator:	Number of enterprises that have applied improved techniques							
CP:	No							
Modification:	Revised targets and change in indicator Classification type							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0			7	20	58	85
Modified Targets:	US\$	0			7	460	700	700
Difference:	US\$	0			0	-440	-642	-615
Justification	Previous target did not take cognizance of all enterprises that would be affected by the project. These include 600 FBOs, 60 SMEs and 40 ABCs and Public Pack Houses							
Date:	November 30, 2010							

#### D. Indicator Changes at the Land Facilitation Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Percent of people aware of their land rights in the Pilot Land Registration Areas.							
Modification to Targets :	Insertion of actual baseline and targets							
	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Percent	TBD				30% increase from baseline	50% increase from baseline	50% increase from baseline
Modified Targets (Nov 15, 2010):	Percent	42.6				55.38	63.90	63.90
Difference:	N/A	N/A				N/A	N/A	N/A
Justification:	The insertion of actual data is now possible following the collection of data to measure the baseline.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Land Activity							
Indicator:	Total number of land parcels registered in the Pilot Land Registration Areas (PLRAs)							
CP:	Yes							
Modification:	Revised scheduling of targets. The Indicator Classification Type has been changed from incremental to cumulative to enable us measure the actual more appropriately.							
	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20

Compact Targets:	Number	TBD in 2008			30% increase from baseline		100% increase from baseline	100% increase from baseline
Modified Targets (Feb 28, 2010):	Number	0	0	0	1,800	1,500	1500	4,800
Modified Targets (Nov 15, 2010):	Number	0	0	0	1,800	3,300	3,500	3,500
Difference:	N/A	N/A	N/A	N/A	0	0	1,300	1,300
Justification:	Current information available shows that not all the parcels surveyed can be registered. There are disagreements over some of them, while for others the proprietors cannot be reached. The criterion in the M&E Policy for this modification is a change in scope of an activity that is not linked to the ERR.							
Date:	November 30, 2010							

Country:	Ghana							
Project:	Land Activity							
Indicator:	Rural Hectares formalized							
CP:	No							
Modification:	New targets; and Indication Classification Type changed from Incremental to Cumulative							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets (Mar 24, 2010):	Hectares	0	0	0	2,713	1,940	2,347	7,000
Modified Targets (Nov 30, 2010):	Hectares	N/A	0	0	2,713	4,653	5,100	5,100
Difference:	N/A	N/A	0	0	0	N/A	1,900	1,900
Justification:	Current information available shows that not all the parcels surveyed can be registered and so cannot be counted as formalized. There are disagreements over some of them, while for others the proprietors cannot be reached. The criterion in the M&E Policy for this modification is a change in scope of an activity that is not linked to the ERR.							
Date:	November 30, 2010							

#### E. Indicator Changes at the Post Harvest Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Number of Cooling facilities installed							
CP:	No							
Modification:	Revised targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact	US\$	0		7			7	7

Targets:								
Modified Targets:	N/A	N/A		7			12	12
Difference:	N/A	N/A		0			-5	-5
Justification	Change in the scope of the projects obtained from feasibility/Design studies reports							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Area of cold storage facilities constructed							
CP:	No							
Modification:	Revised targets and indicator classification type changed from incremental to cumulative							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0		1,021			1,021	1,021
Modified Targets:	N/A	N/A		N/A			2,081	2,081
Difference:	N/A	N/A		N/A			-1060	-1060
Justification	Change in the scope of the projects obtained from feasibility/Design studies reports							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Compact Goal							
Indicator:	Area of Pack Houses and other Post-Harvest Infrastructure constructed							
CP:	No							
Modification:	Revised targets and indicator classification type changed from incremental to cumulative							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0				9,040	N/A	9,040
Modified Targets:	N/A	N/A				9,040	1,2940	12,940
Difference:	N/A	N/A				0	N/A	-3,900
Justification	Change in the scope of the projects obtained from feasibility/Design studies reports							
Date:	November 30, 2010							

#### F. Indicator Changes at the Feeder Roads Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Annualized Average Daily Traffic							

CP:	No							
Modification:	Baseline revised and end of compact target set							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	Number	291.77					TBD	TBD
Modified Targets:	N/A	286.63					566.05	566.05
Difference:	N/A	5.14					N/A	N/A
Justification	Baseline originally set with incomplete data. Complete data on all Feeder Road segments have been obtained.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Amount of signed contracts for feeder roads works disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	N/A			N/A	N/A	N/A	N/A
Modified Targets:	N/A	0			19,212,364.12	34,699,081.00	49,086,265.00	49,086,265.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

Country:	Ghana							
Project:	Agriculture Activity							
Indicator:	Amount of signed contracts for design/feasibility studies for feeder roads disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	N/A		NA	N/A	N/A	N/A	N/A
Modified Targets:	N/A	0		1,701,472.84	2,352,375.00			2,352,375.00
Difference:	N/A	N/A		N/A	N/A			N/A

Justification	Targets introduced due to new MCC requirements.
Date	November 30, 2010

### G. Indicator Changes at the N1 Highway Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Amount of signed contracts for road works disbursed: N1, Lot 1							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	N/A		4,216,860.10	17,542,138.02	29,855,369.51	42,168,601	42,168,601
Modified Targets:	N/A	0		Not Required	Not Required	Not Required	Not Required	Not Required
Difference:	N/A	N/A		4,216,860.10	17,542,138.02	29,939,706.71	42,168,601	42,168,601
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: N1 Activity							
Indicator:	Amount of signed contracts for road works disbursed: N1, Lot 2							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	N/A			N/A	N/A	N/A	N/A
Modified Targets:	N/A	0			35,139,739.46	59,402,892.89	83,666,046.33	83,666,046.33
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							

Project:	Transportation Project: N1 Activity							
Indicator:	Amount of signed contracts for design/feasibility studies disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	N/A	N/A	N/A				N/A
Modified Targets:	N/A	0	1,376,867.12	2,195,260.07				N/A
Difference:	N/A	N/A	N/A	N/A				N/A
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

#### H. Indicator Changes at the Trunk Roads Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Amount of signed contracts for trunk road works disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	N/A			N/A	N/A	N/A	N/A
Modified Targets:	N/A	0			11,448,091.28	23,828,606.28	25,900,659.00	25,900,659.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Trunk Roads Activity							
Indicator:	Amount of signed contracts for design/feasibility studies disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20

Compact Targets:	US\$	N/A		N/A	N/A			N/A
Modified Targets:	N/A	0		670,944.03	1,001,409.00			1,001,409.00
Difference:	N/A	N/A		N/A	N/A			N/A
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

## I. Indicator Changes at the Ferry Activity level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Amount of signed contracts for works disbursed: Ferry and Floating Docks							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	N/A				N/A	N/A	N/A
Modified Targets:	N/A	0				4,742,400.00	9,484,800.00	9,484,800.00
Difference:	N/A	N/A				N/A	N/A	N/A
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	N/A							
CP:	No							
Modification:	Introduction of indicator							
New indicator:	Value of signed contracts for feasibility and/or design studies: Ferry Activity							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	N/A		N/A				N/A
Modified Targets:	N/A	0		Not Required				Not Required
Difference:	N/A	N/A		N/A				N/A
Justification	Indicator introduced due to new MCC requirements.							
Date:	November 30, 2010							



Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	N/A							
CP:	No							
Modification:	Introduction of indicator							
New indicator:	Amount of signed contracts for feasibility and/or design studies disbursed: Ferry Activity							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	N/A		N/A				N/A
Modified Targets:	US\$	0		754306.60	1,269,449			1,269,449
Difference:	N/A	N/A		N/A				N/A
Justification	Indicator introduced due to new MCC requirements.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	N/A							
CP:	No							
Modification:	Introduction of indicator							
New indicator:	Percent of signed contracts for feasibility and/or design studies disbursed: Ferry Activity							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	US\$	N/A		N/A	N/A			N/A
Modified Targets:	US\$	0		59.42	100			100
Difference:	N/A	N/A		N/A	N/A			N/A
Justification	Indicator introduced due to new MCC requirements.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Amount of signed contracts for works disbursed: Landings and Terminals							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	US\$	0				N/A	N/A	N/A
Modified Targets:	N/A	N/A				1,816,129.33	3,632,258.65	3,632,258.65
Difference:	N/A	N/A				N/A	N/A	N/A
Justification	Targets introduced due to new MCC requirements.							
Date:	November 30, 2010							

**J. Indicator Changes at the Procurement Capacity Activity Level**

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Activity							
Indicators:	1. Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework 2. Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework							
CP:	No							
Modification:	Change in Indicator Level from Process Milestone to Output							
Justification	These are in reality output level indicators that were inadvertently from classified as process milestones.							
Date:	November 30, 2010							

**K. Indicator Changes at the Community Services Level**

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Level of Citizen satisfaction with services							
CP:	No							
Modification:	Baseline established and targets set							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A				N/A	N/A	N/A
Modified Targets:	Number	3.3				3.6	4	4
Difference:	N/A	N/A				N/A	N/A	N/A
Justification:	Target being set for the first time following the establishment of the baseline							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Project Activity							
Indicator:	Amount of signed contract sums for works (school construction/ rehabilitation) disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Justification	Targets introduced due to new MCC requirements.							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A			Not Required	Not Required	Not Required	Not Required
Modified Targets:	US\$	0			697,155.60	17,414,778.70	18,331,346.00	18,331,346.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicators:	Distance to collect water							
CP:	No							
Modification:	Data source and entity responsible changed from GLSS5+ to DCS Consultant Report and ISSER to DCS Consultant (MASDAR) respectively.							
New indicator:	N/A							
Justification	Since the second round of GLSS5+ will be conduct post-Compact, monitoring data would not be available prior to Completion if GLSS5+ is maintained as data source.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicators:	Time to collect water							
CP:	No							
Modification:	Data source and entity responsible changed from GLSS5+ to DCS Consultant Report and ISSER to DCS Consultant (MASDAR)							
New indicator:	N/A							
Justification	Since the second round of GLSS5+ will be conduct post-Compact, monitoring data would not be available prior to Completion if GLSS5+ is maintained as data source.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicators:	Incidence of Guinea worm							
CP:	No							
Modification:	Data source and entity responsible changed from GLSS5+ to DCS Consultant Report and ISSER to DCS Consultant (MASDAR)							
New indicator:	N/A							

Justification	Since the second round of GLSS5+ will be conduct post-Compact, monitoring data would not be available prior to Completion if GLSS5+ is maintained as data source.
Date:	November 30, 2010

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity							
Indicator:	Number of Households with access to improved water supply							
CP:	No							
Modification:	Baseline established and targets set							
New indicator:	N/A							
Modification 2:	Revised targets and setting of new baseline:							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Number	0				9,020	21,800	21,800
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Targets being set for the first time following the role out of water interventions. In addition by definition in Annex I above, no household is using any improved water supply systems from MCC funded projects and therefore the baseline is zero.							
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Project Activity							
Indicator:	Amount of works contract sums for Boreholes disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Justification	Targets introduced due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A			Not Required	Not Required	Not Required	Not Required
Modified Targets:	US\$	0			490,966.80	1,718,383.80	2,454,834.00	2,454,834.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Project Activity							
Indicator:	Amount of works contract sums for Pipe Extension Projects disbursed							
CP:	No							
Modification:	Introduction of Targets							

New indicator:	N/A							
Justification	Targets introduced due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A			Not Required	Not Required	Not Required	Not Required
Modified Targets:	US\$	0			425,873.60	1,384,089.20	2,129,368.00	2,129,368.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Project Activity							
Indicator:	Amount of works contract sums for Small Town Water System disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Justification	Targets introduced due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A			Not Required	Not Required	Not Required	Not Required
Modified Targets:	US\$	0			954,165.20	2,862,495.60	4,770,826.00	4,770,826.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Project Activity							
Indicator:	Amount of works contract sum for Tamale Water Extension Project disbursed							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Justification	Targets introduced due to new MCC requirements.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Targets:	N/A	N/A				Not Required	Not Required	Not Required
Modified Targets:	US\$	0				2,805,000.00	4,675,000.00	4,675,000.00
Difference:	N/A	N/A				N/A	N/A	N/A
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Project Activity							
Indicator:	Amount of consultancy fees disbursed for Boreholes, Small Town Water Systems and Pipe Extension Projects feasibility studies							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Justification	Targets introduced due to new MCC requirements.							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A			Not Required	Not Required	Not Required	Not Required
Modified Targets:	US\$	0			296,835.00	732,193.00	989,450.00	989,450.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Date:	November 30, 2010							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Project Activity							
Indicator:	Amount of consultancy fees disbursed for Tamale Water Extension Project feasibility studies							
CP:	No							
Modification:	Introduction of Targets							
New indicator:	N/A							
Justification	Targets introduced due to new MCC requirements.							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	Units	Baseline	Q1-Q4	Q5-Q8	Q9-Q12	Q13-Q16	Q17-Q20	Q1-Q20
Compact Targets:	N/A	N/A			Not Required	Not Required	Not Required	Not Required
Modified Targets:	US\$	0			192,335.25	400,265.25	519,825.00	519,825.00
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Date:	November 30, 2010							

ANNEX VIII C: INDICATOR CHANGES, NOVEMBER 2011<sup>i</sup>

## A. Indicator Changes at the Program Objective 2 Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Program Objective 2: Enhance the competitiveness of high –value cash and food crops in local and international markets							
Indicator:	Ghana Discount							
CP:	No							
Modification:	Indicator replaced with a new one							
New indicator:	Market share of Ghanaian pineapple exports on the European market							
Justification	A couple of challenges were encountered in the bid to measure “Ghana discount”. These included (i) no documentation indicating which countries were considered in the basket; (ii) the data source, Eurostat database do not disaggregate volumes imported into dried and fresh pineapples; (iii) no background information on how the baseline of 0.75 was arrived at; and using volumes exported to select key competitors – Costa Rica, Cote D'Ivoire, and Cameroun – the results do not support the increasing trend of the indicator targets set from year 3 to year 5. These factors affect the reliability, and hence, the quality of the indicator than initially thought. Therefore with reference to bullet 12 of section 5.2.1 of the MCC M&E Policy of Compacts and Threshold Programs, the indicator “Ghana discount ” was dropped and replaced with “market share of Ghanaian pineapple exports on the European market”, which also measures competitiveness to some extent. Baseline year used is 2008.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	Percentage	0.75			0.75	0.78-0.81	0.81-0.88	0.81-0.88
Modified Target	Percentage	2.50					3.0	3.0
Difference:	N/A	N/A			N/A	N/A	N/A	N/A
Date:	November 30, 2011							

## B. Indicator Changes at the Commercial Agriculture Training Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	Percent of post harvest loss at farm-gate							
CP:	Yes							
Modification:	New indicator							
New indicator:	Percent of post harvest loss at farm-gate: maize.							
Justification	The previous indicator did not sufficiently meet the “adequacy” criteria for indicators (i.e., it was insufficient to adequately measure progress towards results. The indicator, baseline and targets were based on a number of different types of crops – cereals, fruits and vegetables - aggregated together. Since these are different categories of crops whose post harvest loss processes are very different, measurement and reporting was not specific. A decision was therefore taken to use maize and pepper as proxies for cereals and vegetables for the avoidance of ambiguity in measurement and reporting.							
Modification 2:	New targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20

Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent	12.2					10.3	10.3
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Because of the modification to the indicator the targets must also change.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Commercial Agricultural Training							
Indicator:	Percent of post harvest loss at farm-gate: maize							
CP:	Yes							
Modification:	New indicators; Old indicator has been split into two.							
New indicator:	Percent of Post harvest loss at farm-gate: fresh pepper.							
Justification	The previous indicator did not sufficiently meet the "adequacy" criteria for indicators (i.e., it was insufficient to adequately measure progress towards results. The indicator, baseline and targets were based on a number of different types of crops – cereals, fruits and vegetables - aggregated together. Since these are different categories of crops whose post harvest loss processes are very different, measurement and reporting was not specific. A decision was therefore taken to use maize and pepper as proxies for cereals and vegetables for the avoidance of ambiguity in measurement and reporting.							
<b>Modification 2:</b>	New targets							
Indicators			Year 1	Year 2	Year 3	Year 4	Year 5	LOA
	<b>Units</b>	<b>Baseline</b>	<b>Q1-Q4</b>	<b>Q5-Q8</b>	<b>Q9-Q12</b>	<b>Q13-Q16</b>	<b>Q17-Q20</b>	<b>Q1-Q20</b>
Compact Targets:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Modified Targets:	Percent	5.3					4.5	4.5
Difference:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Justification:	Because of the modification to the indicator the targets must also change.							
Date:	November 30, 2011							

### C. Indicator Changes at the Land Facilitation Activity Level

Submitted by:	MiDA
Country:	Ghana
Project:	Land Activity
Indicators:	1. Rural hectares mapped 2. Total number of land parcels surveyed in the Pilot Land Registration Areas 3. Parcels of land inventoried in the Pilot Land Registration Areas 4. Legal and Regulatory reforms adopted 5. Number of landholders reached by public outreach efforts 6. Number of Personnel Trained 7. Value of equipment purchased
CP:	No
Modification:	Change in Indicator Level from Incremental to Cumulative
Justification	The change is to conform to revised MCC ITT Guidelines.
Modification to	



Targets :								
Previous Targets:								
	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Rural hectares mapped	Hectares	0		2,713	2960	980	347	7,000
Total number of land parcels surveyed in the Pilot Land Registration Areas	Number	0		1,024	1,800	1,976		4,800
Parcels of land inventoried in the Pilot Land Registration Areas	Number	0		1,024	1,800	1,976		4,800
Legal and Regulatory reforms adopted	Number	0		1		1		2
Number of landholders reached by public outreach efforts	Number	0		4,000	6,000			10,000
Number of Personnel Trained	Number	0		6	194			200
Value of equipment purchased	US\$	0		66,000	200,000			266,000
Modified Targets:								
	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Rural hectares mapped	Hectares	0		2,713	5,673	6,653	7,000	7,000
Total number of land parcels surveyed in the Pilot Land Registration Areas	Number	0		1,024	2,824	4,800		4,800
Parcels of land inventoried in the Pilot Land Registration Areas	Number	0		1,024	2,824	4,800		4,800
Legal and Regulatory reforms adopted	Number	0		1		2		2
Number of landholders reached by public outreach efforts	Number	0		4,000	10,000			10,000
Number of Personnel Trained	Number	0		6	200			200
Value of equipment purchased	US\$	0		66,000	266,000			266,000
Difference:	N/A	N/A		N/A	N/A	N/A	N/A	N/A

## D. Indicator Changes at the N1 Highway Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project Activity,N1 Activity							
Indicator:	Number of Environmental Assessments approved							
CP:	No							
Modification:	Change in Indicator Level from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0		1				1
Modified Target	Number	0		1				1
Difference:	N/A	N/A		0				0
Justification:	The change is to conform to revised MCC ITT Guidelines.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project Activity,N1 Activity							
Indicator:	Number of RAPs approved							
CP:	No							
Modification:	Change in Indicator Level from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0		1	1			2
Modified Target	Number	0		1	2			2
Difference:	N/A	N/A		0	1			0
Justification:	The change is to conform to revised MCC ITT Guidelines.							
Date:	November 30, 2011							

## E. Indicator Changes at the Ferry Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Landing Stages Rehabilitated.							
CP:	No							
Modification:	Change in Indicator Level from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0					2	2
Modified Target	Number	0					2	2
Difference:	Number						0	0
Justification:	The change is to conform to revised MCC ITT Guidelines.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Ferry Terminals Upgraded.							
CP:	No							
Modification:	Change in Indicator Level from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0					2	2
Modified Target	Number	0					2	2
Difference:	N/A						0	0
Justification:	The change is to conform to revised MCC ITT Guidelines.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Value of Signed Contracts for Works: Ferry and Floating Dock.							
CP:	No							
Modification:	Change in Indicator Level from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	US\$				Not Required			Not Required
Modified Target	US\$	0			Not Required			Not Required
Difference:	N/A							
Justification:	The change is to conform to revised MCC ITT Guidelines.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Transportation Project: Ferry Activity							
Indicator:	Value of Signed Contracts for Works: Landing Stages and Terminals.							
CP:	No							
Modification:	Change in Indicator Level from Incremental to Cumulative.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	US\$	0				Not Required		Not Required
Modified Target	US\$	0				Not Required		Not Required
Difference:	US\$	0						
Justification:	The change is to conform to revised MCC ITT Guidelines.							
Date:	November 30, 2011							

## F. Indicator Changes at the Procurement Capacity Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Capacity Activity							
Indicator:	Number of individuals completing Internships at Ministries, Departments and Agencies (MDAs) and Metropolitan, Municipal and District Assemblies (MMDAs)							
CP:	No							
Modification:	Change in target							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0			300	900	1,600	1,600
Modified Target	Number				300	900	1,250	1,250
Difference:	Number				0	0	350	350
Justification:	Revision of the targets is in light of cuts to the Procurement Capacity Activity budget (i.e. 40% reduction amounting to \$1.39 million in total for the activity), thus reducing money available for scholarships /subsidies for the Students Internship and Procurement Personnel Training programs. This significant reduction in budget does affect the scope of the activity, meriting in this case a reduction in the end of Compact target s by 22% and 50% respectively. This is on the basis of Section 5.2.3 of the the MCC <i>Policy for Monitoring and Evaluation of Compacts and Threshold Programs</i> , which allows for modifications to targets of indicators that are not linked to the ERR if there are changes to the activity scope.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Capacity Activity							
Indicator:	Number of practicing procurement personnel who complete training modules							
CP:	No							
Modification:	Change in target							
New indicator:	N/A							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0				400	900	900
Modified Target	Number					400	450	450
Difference:	Number					0	450	450
Justification:	Revision of the targets is in light of cuts to the Procurement Capacity Activity budget (i.e. 40% reduction amounting to \$1.39 million in total for the activity), thus reducing money available for scholarships/subsidies for the Students Internship and Procurement Personnel Training programs. This significant reduction in budget does affect the scope of the activity, meriting in this case a reduction in the end of Compact targets by 22% and 50% respectively. This is on the basis of Section 5.2.3 of the the MCC <i>Policy for Monitoring and Evaluation of Compacts and Threshold Programs</i> , which allows for modifications to targets of indicators that are not linked to the ERR if there are changes to the activity scope.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Procurement Capacity Activity							

Indicators:	<ol style="list-style-type: none"> <li>1. Number of practicing procurement personnel who complete training modules</li> <li>2. Number of individuals completing Internships at Ministries, Departments and Agencies (MDAs) and Metropolitan, Municipal and District Assemblies (MMDAs)</li> <li>3. Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework</li> <li>4. Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework</li> </ol>
CPs:	No
Modification:	Change in Indicator Classification from Output to Outcome
Justification	The change is to reflect the correct classification.
Date	November 30, 2011

Submitted by:	MiDA
Country:	Ghana
Project:	Procurement Capacity Activity
Indicators:	<ol style="list-style-type: none"> <li>1. Number of individuals completing Internships at Ministries, Departments and Agencies (MDAs) and Metropolitan, Municipal and District Assemblies (MMDAs)</li> <li>2. Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework</li> <li>3. Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework</li> <li>4. Number of Interns who gain employment in public procurement</li> <li>5. Number of Tertiary Institutions using the Modules developed by Public Procurement Authority/MiDA</li> <li>6. Number of Institutions that agree to accept Interns</li> </ol>
CPs:	No
Modification:	Change in Indicator Level from Incremental to Cumulative
Justification	The change is to conform to revised MCC Guidelines.
Modification to Targets	Change from Incremental to Cumulative

**Previous Targets:**

Indicator	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Number of individuals completing Internships at Ministries, Departments and Agencies (MDAs) and Metropolitan, Municipal and District Assemblies (MMDAs)	Number	0			300	600	700	1,600
Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework	Number	0				280	800	1080
Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework	Number	0					250	250

Number of Interns who gain employment in public procurement.	Number	0					100	100
Number of Tertiary Institutions using the Modules developed by Public Procurement Authority/MiDA	Number	0			1	5	2	8
Number of Institutions that agree to accept Interns	Number	0			150	250	100	500
<b>Modified Targets:</b>								
	<b>Units</b>	<b>Baseline</b>	<b>Year 1 Q1-Q4</b>	<b>Year 2 Q5-Q8</b>	<b>Year 3 Q9-Q12</b>	<b>Year 4 Q13-Q16</b>	<b>Year 5 Q17-Q20</b>	<b>LOA Q1-Q20</b>
Number of individuals completing Internships at Ministries, Departments and Agencies (MDAs) and Metropolitan, Municipal and District Assemblies (MMDAs)	Number	0			300	900	1,250	1,250
Number of Procurement students at various tertiary institutions who have successfully completed one year of coursework	Number	0				280	1,080	1,080
Number of Procurement students at various tertiary institutions who have successfully completed two years of coursework	Number	0					250	250
Number of Interns who gain employment in public procurement.	Number	0					100	100
Number of Tertiary Institutions using the Modules developed by Public Procurement Authority/MiDA	Number	0			1	6	8	8
Number of Institutions that agree to accept Interns	Number	0			150	400	500	500
<b>Difference:</b>	<b>N/A</b>	<b>N/A</b>		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Date	November 30, 2011							

## G. Indicator Changes at the Community Services Activity Level

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity, Education Facilities Sub-Activity							
Indicator:	Number of students enrolled in schools affected by education facilities sub-activity							
CP:	No							
Modification:	Change in baseline and annual targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	41,662			43,745	45,828	47,911	47,911
Modified Target	Number	37,733			39,620	41,506	43,393	43,393
Difference:	Number	3,929			4,125	4,322	4,518	4,518
Justification:	Since the baseline and targets were established based on the targets for the indicator, "number of school blocks constructed", which was inadvertently recorded as 283 instead of 253 (as stated in the "Ghana Compact Budget Reallocation and output details" document dated March 2010) and 35 rehabilitated school blocks, the baseline and targets need to be re-established based on the 253 plus the 35 rehabilitated school blocks.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity, Education Facilities Sub-Activity							
Indicator:	Additional female students enrolled in schools affected by Education Facilities Sub-Activity							
CP:	No							
Modification:	Change in baseline and annual targets							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0			981	1,962	2,943	2,943
Modified Target	Number	0			888	1,777	2,665	2,665
Difference:	Number	0			93	185	278	278
Justification:	Since the baseline and targets were established based on the targets for the indicator, "number of school blocks constructed", which was inadvertently recorded as 283 instead of 253 (as stated in the "Ghana Compact Budget Reallocation and output details" document dated March 2010) and 35 rehabilitated school blocks, the baseline and targets need to be re-established based on the 253 plus the 35 rehabilitated school blocks.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity, Education Facilities Sub-Activity							
Indicator:	Number of school blocks constructed							
CP:	No							
Modification:	Compact target corrected							
New indicator:	N/A							
Justification	Compact target was inadvertently recorded as 283 instead of 253 as stated in the Ghana Compact Budget Reallocation and output details document dated March 2010.							

Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	0			30	78	283	283
Modified Target	Number	0			30	78	253	253
Difference:	Number	0			0	0	30	30
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity, Water and Sanitation Sub-Activity							
Indicator:	Distance to collect water							
CP:	No							
Modification:	Data source and entity responsible changed from GLSS5+ to DCS Consultant Reports and ISSER to MASDAR (DCS Consultant) respectively.							
New indicator:	N/A							
Justification	Since the second round of GLSS5+ will be conducted post-Compact, monitoring data would not be available to report on the indicator within the Compact period if GLSS5+ is maintained as data source. Thus, the change of data source and entity responsible.							
Modification 2:	Baseline and targets modified based on new credible information.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLSS5+ Target	Meters	336					250	250
Modified Target (DCS Reports):	Meters	1,190					500	500
Difference:	Meters	864				N/A	250	250
Justification:	Since data source and entity responsible changed, and the sampling frames are different for the two surveys, baseline and targets should also change to reflect DCS Consultant results from the three Phases of data collection in 2009 (baseline), 2010 and 2011. New end of Compact target set is based on the National Community Water and Sanitation Program (NCWSP) standard/ international standard on distance to water facility, which states that "the maximum walking distance to a water facility must be equal to or less than 500 meters". The original baseline from the GLSS5+ data was based on a mixture of rural and urban information and therefore much higher than the current data which is purely rural data and therefore significantly higher. This explains why the original target was set lower than the international standards.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity, Water and Sanitation Sub-Activity							
Indicator:	Time to collect water							
CP:	No							
Modification:	Data source and entity responsible changed from GLSS5+ to DCS Consultant Reports and ISSER to MASDAR (DCS Consultant) respectively.							
New indicator:	N/A							
Justification	Since the second round of GLSS5+ will be conducted post-Compact, monitoring data would not be available to report on the indicator within the Compact period if GLSS5+ is maintained as data source. Thus, the change of data source and entity responsible.							
Modification 2:	Baseline and targets modified.							



Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLSS5+ Target	Minutes	30.24					25	25
Modified Target (DCS Reports):	Minutes	43.67					30	30
Difference:	Minutes	13.43					5	5
Justification:	Since data source and entity responsible changed, and the sampling frames are different for the two sources, baseline and targets should also change to reflect DCS Consultant results from the three Phases of data collection in 2009 (baseline), 2010 and 2011. Target set based on a research finding that households spending more than half an hour per round trip progressively collect less water, and eventually fail to meet their families' minimum daily drinking-water needs – 20 liters per capita per day (lpcpd) <sup>14</sup> .							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity, Water & Sanitation Sub-Activity							
Indicator:	Incidence of Guinea worm							
CP:	Yes							
Modification:	(i) Data source and entity responsible changed from DCS Consultant Report to Ghana Guinea Worm Eradication Program (GGWEP) Report and MASDAR to GWEP respectively. (ii) Indicator revised; and							
New indicator:	Number of guinea worm cases reported in MiDA Districts							
Justification	(i) Since the second round of GLSS5+ will be conducted post-Compact, monitoring data would not be available for final reporting on the indicator within the Compact period. Hence, the change of data source and entity responsible; (ii) Measurement of incidence requires documentation of data on new cases of guinea worm, but the GGWEP has data on cases in general without regard to whether cases are new or otherwise.							
Modification 2:	Baseline and targets modified.							
Indicators	Units	Baseline	Year 1 Q1-Q4	Year 2 Q5-Q8	Year 3 Q9-Q12	Year 4 Q13-Q16	Year 5 Q17-Q20	LOA Q1-Q20
Compact Target:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	Number	1.64					0.75	0.75
Modified Target	Number	252					10	10
Difference:	Number	N/A			N/A	N/A	N/A	N/A
Justification:	Since data source and entity responsible changed, and the sampling frames and methodologies differ for the two sources, baseline and targets would also change to reflect GGWEP results. Baseline year is 2008.							
Date:	November 30, 2011							

Submitted by:	MiDA							
Country:	Ghana							
Project:	Community Services Activity, Water & Sanitation Sub-Activity							
Indicator:	Number of people affected by water and sanitation facilities sub-activity							
CP:	No							
Modification:	Data source changed							
Justification:	This was supposed to be collected by the DCS Consultant but the M&E budget could not meet the DCS Consultant's budget proposal. Therefore data source changed to the 2010 Population and Housing Census in Ghana by the Ghana Statistical Service, with whom MiDA has an IEA.							
Date:	November 30, 2011							

<sup>14</sup> Hutton G, Haller L, Evaluations of the costs and benefits of water and sanitation improvements at the global level: Geneva, World Health Organization, 2004.

Submitted by:	MiDA
Country:	Ghana
Project:	Community Services Activity, Water & Sanitation Sub-Activity
Indicator:	Number of Households with access to improved water supply
CP:	No
Modification:	Data source changed
Justification:	This was supposed to be collected by the DCS Consultant but the M&E budget could not meet the DCS Consultant's budget proposal. Therefore data source changed to the 2010 Population and Housing Census in Ghana by the Ghana Statistical Service, with whom MiDA has an IEA.
Date:	November 30, 2011

#### H. Indicator Changes at the Financial Services Activity Level

Submitted by:	MiDA
Country:	Ghana
Project:	Financial Services Activity
Indicator:	Value of deposit accounts in rural banks
CP:	No
Modification:	Indicator classification changed from Cumulative to Level.
Justification:	The value of deposits can be up or down at each reporting period depending on the balances between total deposits and total withdrawals within the period, and cannot be cumulative. For example, total balances carried over from an earlier quarter may not necessarily remain the same or go up because customers may withdraw all or a significant proportion (greater than new deposits) in the current quarter, which could reduce the balance for the period. However, note that the change does not affect the targets.
Date:	November 30, 2011

<sup>i</sup> In addition to the above changes, changes have also been made in the wording of the main text in Annex IV to reflect changes in the evaluation design.