Monitoring and Evaluation Plan of the Niger Compact between the United States of America, acting through the Millennium Challenge Corporation and the Republic of Niger

September 2023

Version 4

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PREAMBLE

This Monitoring and Evaluation (M&E) Plan:

- is an extension of the Preliminary M&E Plan included in the Niger Compact signed on July 29, 2016 between the United States of America, acting through the Millennium Challenge Corporation (MCC), and the Republic of Niger, acting through its government;
- will support provisions described in the Niger Compact; and
- is governed by and follows the principles stipulated in MCC's *Policy for Monitoring and Evaluation* (MCC M&E Policy).

This M&E Plan is considered a binding document, and failure to comply with its stipulations could result in suspension of disbursements. It may be modified or amended as necessary following the MCC M&E Policy, and if it is consistent with the requirements of the program agreement and any other relevant supplemental legal documents.

LIST OF ACRONYMS

AADT	Annual Average Daily Traffic
AVA/PR	Animatrices Villageoises en Agriculture et en Elevage de Petits Ruminants
BDS	Business Development Services
CAIMA	Centralized Supply Center for Agricultural Inputs and Materials (*Centrale d'Approvisionnement en Intrants et Matériels Agricoles*)
CAPEX	Capital Expenditure
CBPP	Contagious Bovine Pleuropneumonia
COFOCOM	Communal Land Commissions (*Commissions Foncières Communales*)
COTEN	Technical Committee for Fertilizers of Niger (*Comité Technique des Engrais au Niger)*
CRA	Climate-Resilient Agriculture
CRC	Climate-Resilient Communities
DQR	Data Quality Review
ERR	Economic Rate of Return
GENiS	Gestion et d'Entretien par Niveaux de Service
GoN	Government of the Republic of Niger
HDM-4	Highway Development and Maintenance Management System
ICRIP	Integrated Climate-Resilient Investment Plan
IDG	International Development Group
IMAP	Irrigation Market Access Project
ITT	Indicator Tracking Table
iWUA	Irrigation Water User Association
KII	Key Informant Interview
M&E	Monitoring and Evaluation
MEE	Monitoring, Evaluation, and Economics
MCA	Millennium Challenge Account
MCA-N	Millennium Challenge Account Niger
MCC	Millennium Challenge Corporation
NASA	National Aeronautics and Space Administration

NGO	Non-Governmental Organization
NPV	Net Present Value
OIE	World Organization for Animal Health
OMEN	Observatory of the Fertilizer Market in Niger (*Observatoire du Marché des Engrais au Niger*)
ONAHA	National Office for Irrigation Schemes (*Office National des Aménagements Hydro Agricoles*)
PPCB	Contagious bovine pleuropneumonia (*Péripneumonie contagieuse bovine*)
PPR	Peste des Petits Ruminants
PRAPS	Regional Sahel Pastoralism Support Activity (*Projet Régional d'Appui au Pastoralisme au Sahel/Niger)*
PSP	Private Sector Partnerships
PV	Present Value
QDRP	Quarterly Disbursement Request Package
RTI	Research Triangle Institute
SI	Social Impact
USADF	United States African Development Foundation
UNOPS	United Nations Office for Project Services
VOC	Vehicle Operating Costs
POC	Point of Contact

PROGRAM AND OBJECTIVE OVERVIEW

Introduction

This Monitoring and Evaluation Plan (M&E Plan) serves as a detailed framework for assessing progress towards and achievement of the Niger Compact's project objectives. The M&E Plan is used in conjunction with other documents such as work plans, procurement plans, and financial plans to provide oversight for program implementation and to strive to ensure the program is on track to achieving its intended results. The M&E Plan also serves as a communications tool, so that MCA-Niger staff and other stakeholders clearly understand the results the MCA-Niger is responsible for achieving.

This M&E Plan provides the following functions:

- *Describes the expected results.* The plan presents the program description, project logics, and economic analysis, including the results that need to be measured under the M&E Plan.
- *Establishes a monitoring framework.* The plan identifies the monitoring and data quality assessment strategies and documents the reporting plan to monitor progress against targets during program implementation.
- *Describes the evaluation plan.* The plan identifies evaluations that will be conducted and presents the plan for each including the evaluation questions, methodologies, and data collection strategies that will be employed.
- *Includes roles and responsibilities.* The plan includes a description of the roles and responsibilities for the implementation and management of M&E.

Background

Niger is a landlocked country located in the western region of Africa, on the southern edge of the Sahara Desert. It has a population of approximately 20 million[1] people covering 489,200 square miles and borders Libya and Algeria to the north, Chad to the east, Mali to the west, Burkina Faso to the southwest, and Benin and Nigeria to the south.

MCC's Board of Directors selected Niger as eligible to develop a Millennium Challenge Compact in December 2012. The Compact was signed on July 29, 2016 and officially entered into force on January 26, 2018.

Between 2013 and 2014, an MCC-funded constraints analysis identified (1) Access to water for agriculture and livestock, (2) Government regulation of business, and (3) Regulatory and institutional barriers to trade, as the three most binding constraints to growth in Niger. The signed Compact aimed at addressing those constraints through a set of projects and activities detailed and described below.

Before the Compact was signed, in 2015, Niger completed a $16.9 million MCC threshold program focusing on strengthening girls' education, reducing public corruption, streamlining business creation procedures and improving rights and access to land. Results from the Niger threshold program can be found on MCC's website in the evaluation catalog.

This program has 2 projects, the Irrigation and Market Access Project and the Climate Resilient

[1] World Bank, Country at Glance, Niger 2015: https://www.worldbank.org/en/country/niger

Communities Project. For each project, a logic diagram is developed to illustrate how the project's interventions work together to achieve the project Objective, detailing all expected intermediate results along the way.

Project Logics

The objective of the Program is to increase rural incomes by improving the sustainable productive use of natural resources for agricultural production and improving trade and market access for agricultural products. This will be achieved through the two projects stated above: the Irrigation and Market Access Project and the Climate-Resilient Communities Project.

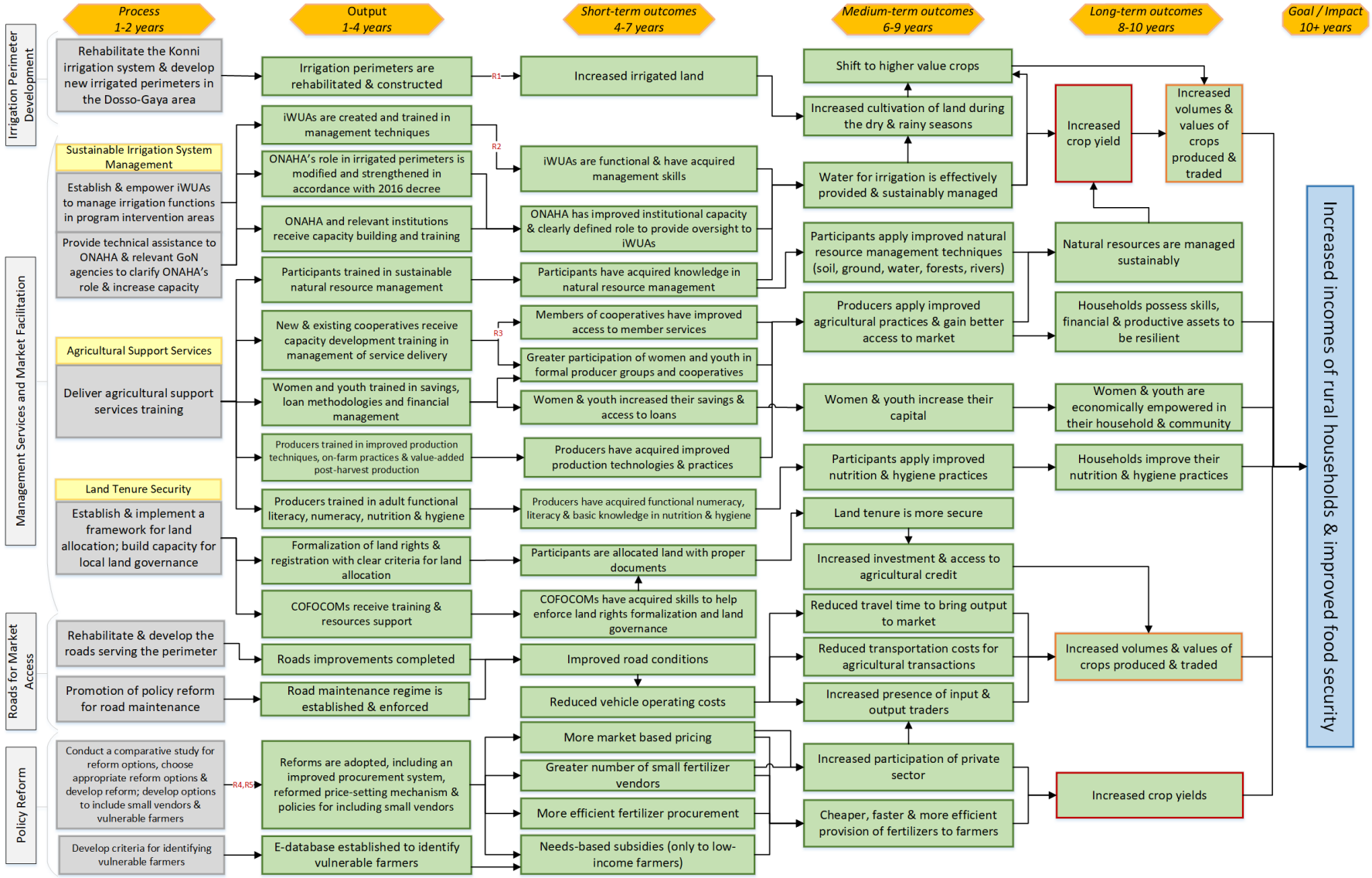
The Compact will directly address the underlying causes of one binding constraint to economic growth and investment in Niger: lack of access to water for productive uses, which inhibits agricultural productivity and household food security. The Program seeks to raise rural incomes by increasing agricultural and livestock production by increasing area under cultivation and improving yields. The Program aims to achieve this through a combination of policy reforms, infrastructure investments, access to finance and services for smallholder producers, facilitation of partnerships, and improvements to agricultural and livestock production and market platforms. Each project and its expected results are described below.

Irrigation and Market Access Description and Logic

Irrigated agriculture plays a fundamental role in Niger's strategy to reduce poverty and promote economic growth. However, while irrigation investments offer opportunities to secure and expand agricultural production in an increasingly drought-prone country, realization of this promise is constrained by several factors, notably: (i) lack of financing for key irrigation and market access infrastructure ; (ii) limited capacity and ill-defined roles for water delivery and infrastructure operations and maintenance; (iii) land tenure insecurity; (iv) risk of perceived or actual negative impacts on current livelihoods and ecosystem management associated with land use change; and (v) barriers to small farmer commercialization, including poor productivity, weak organizational structures to achieve competitive prices, high costs of commercial financing, and elevated costs associated with transport of goods to markets. All of these issues are further exacerbated by high levels of illiteracy and strong reliance on oral transactions. The Irrigation and Market Access Project's objective is to increase rural incomes through improvements in agricultural productivity and increases in sales resulting from modernized irrigated agriculture with sufficient trade and market access. Given the increasing frequency of drought in Niger, investing in large-scale irrigation infrastructure in the Tahoua (Konni) region and small-scale irrigation infrastructure in the Dosso (Sia Kouanza) region aims to increase water availability for Project recipients during the wet and dry seasons. Through technical training in water and natural resource management, savings, improved production techniques, marketing, literacy and numeracy, nutrition, sanitation and hygiene education, and other complementary skills, women and men in the irrigated perimeters will be able to utilize the water more productively and to minimize health risks associated with use of water points for both agriculture and livestock, and domestic purposes. In addition, by investing in roads that are linked to the irrigation perimeters, project aims to help beneficiaries to be able to more effectively access inputs, services and markets and sell their increased production. These investments in infrastructure, human capacity, and market and performance-oriented management systems will enable Niger's farmers to move toward more commercialized irrigated agriculture as the foundation for sustained growth in rural incomes.

The diagram below illustrates and describes the expected causal relationships for the Irrigation and Market Access Project and synthesizes expected outcomes of that Project.

Figure 1: Irrigation and Market Access Project Logic



The assumptions and risks[2] underpinning the logic are the following:

Risks:

- R1: the irrigation infrastructure construction has not been completed within the initial first four-year timeline of the Compact implementation, as shown in the logic diagram above. As a result, increased irrigated lands for farming may not be available during the Compact timeline. This could reduce the exposure period of the infrastructures to farmers and affect the evaluation findings
- R2: delays in the trainings and on-field activities of the iWUA (irrigation Water User Association) could reduce the ability of its management to acquire sufficient capacities to collect fees, maintain irrigation infrastructures and properly serve and address its members' needs
- R3: delays in the trainings and on-field activities of the cooperatives could reduce their ability properly serve and address its members' needs
- R4: should the voucher program not continue post-Compact, current voucher recipients are at risk of falling back and losing the gains made during the implementation.
- R5: international events could affect fertilizer prices worldwide and render local price-setting challenging

Assumptions:

- Farmers are willing to pay the cost of sustainable irrigation water supply;
- Farmers are able to pay the cost of sustainable irrigation water supply;
- The Water User Association is able to manage water delivery to fulfill the demand and needs of farmers.
- Water User Associations are able to maintain and repair the systems to keep them operating at optimal capacity, based on good governance and effective collection of fees.
- Cooperatives are able to provide farmer member services related to access to credit, access to inputs, marketing services.
- Farmers transition to high value crops and can manage their farm as a commercial activity.
- Farmers are trained in the use and maintenance of the irrigation equipment.
- Maintenance resources (material, financial and nonmaterial) are available during and after the Compact.
- Landholding and land-renting producers have long-term security over the plots.
- Road infrastructures are maintained beyond Compact lifetime to ensure sustainability of crop trade – internally and cross border.
- Farmers are able to establish market and value chain linkages for higher value crops.
- Local authorities, SSI Service-providers and the national SSI irrigation strategy manager (SPIN) provide a sustained supporting role to the new smaller-scale irrigation areas.
- GoN shows commitment to sustaining training for farmers, cooperatives and associations after Compact closeout.

The Irrigation and Market Access Project consists of the following four Activities: (i) Irrigation Perimeter Development Activity; (ii) Management Services and Market Facilitation Activity; (iii) Roads for Market Access Activity; and (iv) Policy Reform Activity.

[2] Known risks are labeled with Rx.

a. *Irrigation Perimeter Development Activity*

The Irrigation Perimeter Development Activity aims to rehabilitate the Konni irrigation system and develop new irrigated perimeters in the Dosso region. Specifically, the Compact will support the following:

- For Konni, the works will consist of rehabilitation of the irrigation system of two cascading surface runoff dams, a downstream collection reservoir and supply channel, and the approximately 2,452 hectare perimeter in the Maggia Valley of the Tahoua region. Rehabilitation in the perimeter will include soil conservation in the catchment to stem the siltation problem, and repairs and rehabilitation of the irrigation system to reduce water losses and improve efficiency.
- For the Dosso region, the original works consisted of a development of Ouna-Kouanza (zones 4, 5, 6 and 7; - approximately 1,754 ha) and the perimeters of Sia (lower terrace; - approximately 819 ha). During the feasibility study phase, MCC and MCA-N concluded that the initially proposed investment was not feasible, taking into account new knowledge of investment and operational costs, as well as ecological, environmental, and social constraints. Following this reassessment, the development of Ouna-Kouanza and Sia perimeters evolved into a new formula which would henceforth be known as SK2. SK2 now replaces the development of the large irrigation schemes of Ouna-Kouanza and Sia by the development of small-scale irrigation (SSI) on up to 173 hectares in the lower terrace of Sia. This demonstration project, based on an innovative farmer engagement model and assessment of groundwater potential, may in the future be extended by the Government of Niger to an initially estimated potential of 1,200 hectares in the project area. The Compact has also financed a national groundwater potential study that shows significant groundwater potential for similar SSI development nation-wide, as well as in two watersheds having similar soils and groundwater conditions.

b. *Management Services and Market Facilitation Activity*

Through the Management Services and Market Facilitation Activity, the Compact will establish a suite of institutional and management support activities designed to ensure the achievement of the project objective in the irrigated perimeters targeted by the Irrigation Perimeter Development Activity. This Activity will be implemented using a community-based approach to provide services that address the entire production chain, including the supply of agricultural inputs, the yields obtained by farming, the marketing of produce, and the sustainable use of natural resources and irrigation services. Specifically, the Compact will support:

- Land Tenure Security Sub-Activity: Targets land tenure security and mitigation of the risk of land conflict in Project intervention zones to result from (1) collection and analysis of baseline land property rights information followed by formalizing land property rights; and (2) building capacity for local land governance including (i) reinforcement of local institutional capacity for land tenure and land conflict management, and (ii) integrated local land use planning. In addition, the Sub-Activity will conduct a learning exercise referred to as the "land laboratory" consisting of collection and analysis of information based on a small set of specialized land governance indicators. The purpose of the Land Laboratory is to formulate policy recommendations based on lessons learned during program implementation that may be submitted to national-level land policy makers.
- Sustainable Irrigation System Management Sub-Activity: The establishment and empowerment of single-purpose, self-governing, self-financing, non-profit Irrigation Water

User Associations (iWUAs) that will undertake irrigation management functions in the Project intervention areas, including preparatory studies, technical support and capacity building for the newly formed iWUAs;

- Agricultural Support Services Sub-Activity: Strengthening the capacity of beneficiaries, through new or existing savings groups and existing producer groups including women's groups and youth groups, to: (1) produce commodities in response to market demand and pricing signals; (2) participate in savings groups to improve business skills and save capital to operationalize their cropping calendars; (3) increase use of appropriate fertilizers and improved seeds; (4) monitor and adapt to changing conditions in the environment to maximize benefits from ecosystem services; (5) participate in producer organizations to improve their negotiation position at the farm gate and in the market place; (6) invest in infrastructure to store, process and add value to their production; (7) increase sales of commodities and processed products; and (8) strengthen literacy and numeracy levels as well as knowledge of nutrition and hygiene.

c. *Roads for Market Access Activity*

The Roads Activity aims to reduce trade barriers and improve physical market access through targeted improvements of the road network serving the Dosso-Gaya perimeters and linking them to the rest of the country. To do so, the Activity will consist of the following sub- activities:

- RN7 Road

  This Sub-Activity will consist of complete rehabilitation, upgrade and paving of approximately 83 kilometers of the main north-south international trunk road ("RN7") linking the southern region of Niger to the rest of the country.
- RN35 Road

  This Sub-Activity will support the rehabilitation and gravel upgrade of approximately 180 kilometers of the RN35 road directly serving the Dosso-Gaya perimeters ("RN35").
- Sambera Rural Road

  This Sub-Activity will support the rehabilitation and gravel upgrade of approximately 37 kilometers of rural road that links the RN35 with the RN7 ("Sambera Rural Road").

For each of the three road segments, the Activity will support:

- road structure and wearing course strengthening, road width restoration, road safety improvements, replacement or upgrading of associated structures, such as bridges and culverts, and are inclusive of any environmental, social, health and safety measures required for construction; and
- studies, construction supervision, environmental and social mitigation and enhancement activities, livelihoods restoration and resettlement activities.
- maintenance by the community approach method on the RRS for a period of 26 months and by the GENiS level of service method for a period of 36 months on the RN7 and the RN35

d. *Policy Reform Activity*

The Policy Reform Activity aims to promote several major policy reforms directly linked to the success and sustainability of the Project. Specifically, the Activity will support:

- National Water Resource Planning Sub-Activity: Assessment of groundwater resources in southern Niger using remote sensing technology, detailed hydrogeological studies of priority sites to assess capacity and sustainable use of groundwater resource; and capacity building targeted at Nigerien technical working group to retain evaluation skills in-country;
- Protected Areas Planning Sub-Activity: The development and implementation of natural resource and land use management plans for the protected areas and nearby communities affected by the Irrigation and Market Access Project in the Dosso Region, including (i) ecological assessments and land use studies necessary to identify and promote conservation and natural resource planning objectives; (ii) the development and implementation of management plans for Dosso Partial Faunal Reserve and Ramsar Convention site *Zone Humide du Moyen Niger II*; and (iii) support for the development of community land use plans within and adjacent to the protected areas;
- Fertilizer Distribution Reform Sub-Activity: The reform of the fertilizer distribution market to allow greater competition and private sector participation and to enable broad availability and affordability of fertilizers, especially to women and small farmers. The Sub-Activity will assist in the development of an action plan to: (1) open the fertilizer procurement and distribution process to competition by private firms; (2) allow for natural adjustments of fertilizer pricing in response to market demand and in alignment with regional markets; and (3) adopt and implement a fertilizer subsidy exit strategy that leaves in place a focused program to meet crisis needs of the most marginalized; and
- Statistical Capacity Development Sub-Activity: The development of the statistical capacities of the national data producers agencies including the National Institute of Statistics and key ministries (Water and Sanitation, Agriculture and Livestock, and Environment)) to (1) generate relevant, timely, gender-responsive and accurate productive sector data, including data disaggregated by income level, sex and age, to the maximum extent practicable; (2) analyze and inform the impacts of government policy related to growth strategies, investment, agricultural trade, natural resources and services; (3) measure economic growth and poverty reduction; and (4) stimulate the use of accurate and up-to-date data to inform government policies and programs.

Climate-Resilient Communities Project Description and Logic

The Climate-Resilient Communities Project's objective is to increase incomes for small-scale agricultural- and livestock-dependent families in Eligible Communes and Livestock Corridors in rural Niger by improving crop and livestock productivity, sustaining natural resources critical to production, and increasing market sales of targeted commodities. The CRC Project will be implemented across the four regions of Dosso, Tillabéry, Tahoua, and Maradi.

Figure 2: Map of CRC Intervention Areas

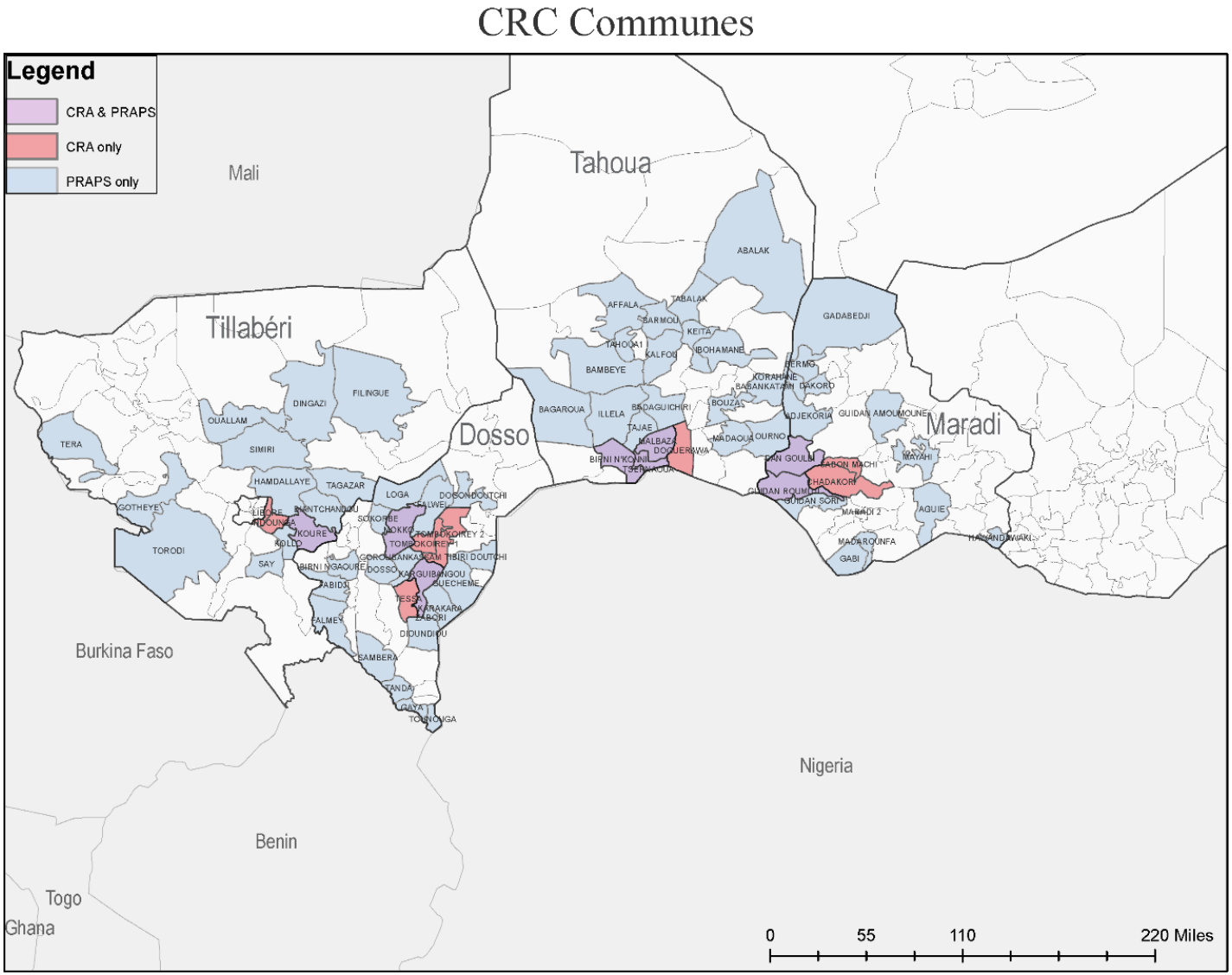
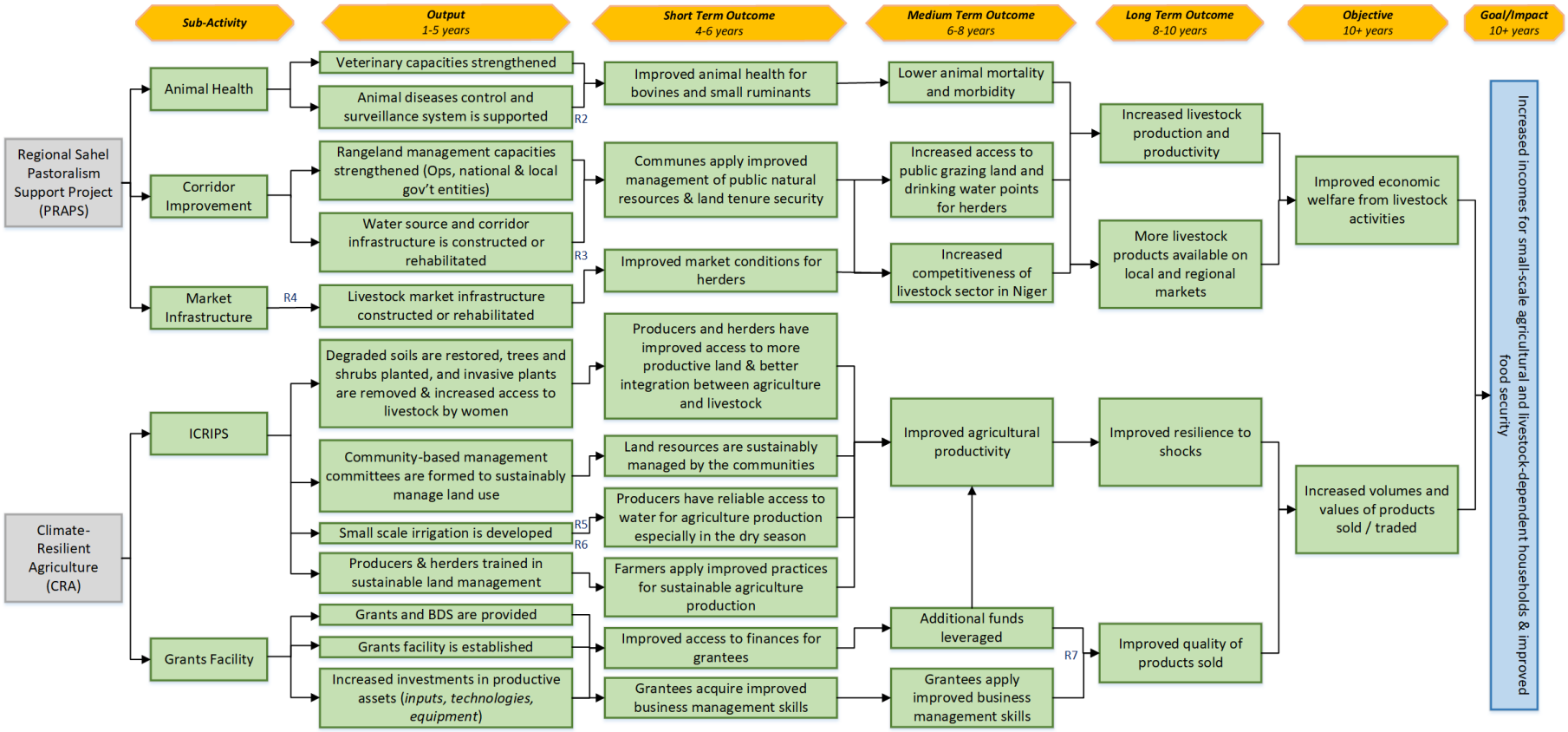


Figure 3: Climate Resilient Communities Project Logic



Note that the activity ***Pastoral crisis and preparedness & livelihood diversification***, which appeared in a previous version of this M&E Plan, is no longer present in the CRC logic above. As described below, this activity is no longer being monitored by MCC.

The assumptions and risks underpinning the logic are the following:

Assumptions:

- The vaccinations will reach enough animals within the national herd to achieve herd immunity and significantly reduce prevalence of the two targeted diseases linked to animal mortality and morbidity;
- Communes will apply improved natural resource management in the restored public pasture land areas to minimize overgrazing;
- Animals will maintain health and weight if they have access to water points and rest areas;
- Herders will invest in animal fattening and obtain better prices for their animals at modernized and organized markets[3];
- Modernized and organized markets lead to increased market activity and sales of livestock;
- Modern and organized market platforms will attract more livestock sellers and buyers, creating increased volume of sales and competitive prices for pastoralists;
- The land tenure interventions will be provided as needed to reduce the risk of conflict over access to improved land and natural resources;
- The Ministry of Agriculture and Livestock works in close collaboration with MCA-N in the implementation of the PRAPS activities in particular the Animal Health component, in coordination and following the guidelines provided by the OIE to effectively reduce and monitor prevalence and avoid outbreaks of livestock diseases;
- The infrastructure will be efficiently managed and maintained, and herders and livestock owners have the resources to invest in their cattle; and
- The government will sustain and maintain the vaccinations rates beyond the intervention period.

Risks:

As the Compact enters its final year in 2023, additional completion risks, noted in the above diagram with the subscript "R", are as follows: R1: (not present in the diagram) Heightened risk that the emergency response system led by the World Bank is not completed in a timely manner. The MCA noted lack of communication with the World Bank on this activity, and a lack of clarity surrounding the status of their work. This affects the outputs intended to prepare herders against emergencies, which in turn will weaken the medium-term outcome of ***Lower animal mortality and morbidity*** and ***Increased access to grazing land***, and ultimately the long-term outcome of ***Increased livestock productivity***.

- R2: The output ***Animal diseases control and surveillance system is supported*** is threatened by both the equipment available in veterinary stations and the training required to use this equipment, which may present an obstacle to the full realization of the disease control system.
- R3: There are completion and quality risks regarding the construction of corridors,

[3] A number of other assumptions are embedded in this, namely that fattened animals will demand higher prices and markets, and that buyers can afford to pay more for fattened animals.

particularly in the regions of Maradi and Tahoua. This affects the output ***Water sources and corridor infrastructure constructed or rehabilitated***, which in turns affects the short, medium, and long-term outcomes to which this output is connected. Given delays, there may not be enough time for defect liability, leaving the quality control to the Government of Niger. Additionally, the post-Compact maintenance of corridors presents another risk. After the Compact ends, there is a risk that invasive species and the degradation of water points threaten the sustainability of the corridors.

- R4: The construction on livestock markets is significantly delayed, and costs thereby increased. The feasibility studies, initially set to take 8 months, took nearly 3 years. Additionally, the procurement of a suitable contractor took longer than expected. Finally, resettlement also took longer than expected, delaying the start of construction. Given these delays, there is a risk that works will not be completed long enough for the contractor to guarantee potential defect liability. This affects the logic of this activity all the way through to the long-term outcome of ***More livestock products available on the market***.
- R5: There are completion risks for the 9 small irrigation sites. Despite the reduction in the number of irrigation sites from 76 to 9, there remains a risk that some or all might not be completed early enough to ensure proper oversight and quality assurance before the end of the Compact, especially for Lot 2. If construction is completed only shortly before Compact close, there will be insufficient time for at least one season of training to support newly established management committees. The impact on the project logic would be a reduction in the number of beneficiaries with reliable access to water for agricultural production, and more broadly, a risk that agricultural productivity is not substantially improved.
- R6: While currently cooperative societies are in place to conduct oversight and mitigate issues that may arise (technical/material breakdown), there is a risk that after the Compact closure, there will be less resolve and less capacity to manage these issues, and the infrastructure that does exist may degrade over time.
- R7: There is a risk that the businesses started by grantees will not be self-sustaining after the grants close, and that the benefits generated will dwindle over time. Particularly regarding businesses management training, there is the risk that those practices do not continue to be applied, and that the initial funds generated do not grow and/or lead to ***increased volumes of products sold/traded***.

The Climate-Resilient Communities Project consists of the following Activities:

a. Regional Sahel Pastoralism Support (PRAPS) Activity

This Activity (the Projet Regional d'Appui au Pastoralisme au Sahel/Niger or "PRAPS Activity") will support pastoralist groups and enhance regional integration by improving livestock health, upgrading water and rangeland resources along major transhumance Livestock Corridors, and modernizing local livestock market infrastructure. Specifically, the PRAPS Activity will support:

- Animal Health Sub-Activity: A livestock health and vaccination campaign to reduce the prevalence of diseases that debilitate livestock productivity. This will be done following World Organization for Animal Health (OIE) guidelines, with a focus on remote pastoral areas. In the short-term, the goal of these efforts is to increase the share of animals vaccinated against contagious bovine pleuropneumonia (CBPP) and *peste des petits ruminants* (PPR). In the intermediate term, the goal of these efforts is to decrease the herd prevalence of CBPP and to increase the immunity protection of small ruminants against PPR.
- Additionally, the Animal Health Sub-Activity will build a more sustainable and efficient national veterinary services. This will be done by developing up to 13 new veterinary clinics and reinforcing the capacity of 15 existing clinics via trainings and the provision of

veterinary equipment and materials. Additionally, the Compact will fund the development of up to 2 veterinarian border post to increase animal inspection and control of animals crossing the border to monitor disease prevalence.

- Corridor Improvement Sub-Activity: Consultations to prepare, and the funding to implement, each Livestock Corridor investment plan in form and substance satisfactory to MCC ("Corridor Investment Plans"). Consultations will engage stakeholders in a comprehensive consultative process to identify, by corridor or commune, which Eligible Investments (as defined below) will be prioritized by each Livestock Corridor. Eligible Investments include:
  a. Upgrades to key water points and livestock pasture and rest areas along Livestock Corridors to help maintain the condition of animals as pastoralists lead them through such corridors to points of sale (such as markets); and
  b. Demarcation (placing of markings) along the corridors according to the boundaries established in the rural code.

In all cases, the Corridor Investment Plans will outline: (i) appropriate management structure for users of the corridor and regional and communal government offices charged with managing and monitoring the use and sustainability of public water and land resources; (ii) sustainable land management practices including soil restoration, better soil management, and agroforestry; (iii) improved land administration such as improved mitigation and resolution of land conflicts; and (iv) appropriate gender and social integration considerations. By improving management capacities and rehabilitating/constructing water source and corridor infrastructure, these investments will lead to improved management of public grazing land, which will ultimately increase the number of well-fed animals that graze on that land, thereby raising the productivity and variety of livestock products available on the market.

- Market Infrastructure Sub-Activity: Modernization of existing dilapidated markets, and the construction of new, physical platforms to market livestock in an improved trade environment. The reconstruction will include the building of enclosed walls and gates, in addition to management reforms such that livestock sale price information is displayed. This sub-activity aims ultimately to improve market conditions for herders and raise the overall competitiveness of the livestock sector in Niger. Twenty-two (22) markets were initially proposed by the Ministry of Agriculture and Livestock for their modernization in the four regions targeted by the Compact based on an inventory of current market infrastructure and livestock trade flows, however, due to security concerns at a number of sites the number of markets MCA is targeting for modernization has been reduced to 18. There are also 3 sites that have been pre-selected for the possible development of milk collection centers. These pre-identified markets and milk collection centers will be evaluated individually through feasibility studies to determine whether they are eligible for rehabilitation.

b. Climate-Resilient Agriculture (CRA) Activity

The Climate-Resilient Agriculture Activity (or "CRA Activity") aims to support sustainable increases in productivity and farm incomes in Eligible Communes by strengthening the resiliency of farmers and agro-pastoralists to the impacts of climatic events. The Activity will consist of:

- Integrated Climate Resilient Investment Plans (ICRIPs) Sub-Activity: This Sub-Activity will include funding to support preparatory public consultations and to implement commune-level Integrated Climate-Resilient Investment Plans (ICRIPs) in each of the CRA eligible communes. Each of the 16 ICRIPs will identify investments for financing

that were prioritized by the communes with the input of farmers' groups, herders, women and youth groups, other civil society and community based groups, and entrepreneurs in a range of areas (e.g., irrigation, erosion control measures, and marketing infrastructure) to achieve one or more of the following objectives: (1) improving soil fertility and water management for rain-fed crops; (2) improving water control and increases in small and medium scale irrigation schemes; (3) support for livestock integration; (4) value chain consolidation and improved market access; and (5) improved agroforestry and natural resource management; and

- Grants Facility Sub-Activity: This Sub-Activity will promote climate resiliency of private enterprises by disbursing $10.5 million in grants to selected beneficiaries. This CRA Grants funding window will support productive assets and investment needs, integrated with the provision of business development services, to target beneficiaries in eligible communes. It will target cooperatives and producer/processor groups, women's and youth groups, and micro-, small- and medium-sized enterprises. Funding will focus on five categories: (1) irrigation and irrigated production (including post-harvest and storage); (2) rain-fed production (including post-harvest and storage); (3) livestock integration; (4) agro-processing and sale; and (5) input supply. The business development services will support (i) initial outreach and demand targeting; (ii) business plan and grant proposal development for applicants who pass an initial (short-list) screening; and (iii) business advisory support for applicants during grant implementation. Eligible communes include the same 16 communes targeted by the first Sub-Activity, plus two additional communes in the Dosso region, which are also being targeted by MCC for large scale irrigation under IMAP. As of January 2023, 88 grants were awarded in two application rounds (of which 2 were cancelled).

ECONOMIC ANALYSIS

Project	Original Economic Rate of Return (ERR)	Date Original Economic Rate of Return (ERR) Established	Current Economic Rate of Return (ERR)	Date Current Economic Rate of Return (ERR) Established
Irrigation and Market Access	17%	March 2016	11%	September 2023
Climate-Resilient Communities	14%	March 2016	29%	September 2023

Irrigation and Market Access Project Cost-Benefit Analysis

Irrigation and Market Access Project ERR

The Irrigation and Market Access Project is estimated to increase farmer incomes through increased production along extensive and intensive margins. The Konni irrigation system rehabilitation and accompanying training and related investments are expected to increase both area cultivated, particularly during the dry season, and output per hectare. Farmers are therefore expected to augment their incomes by switching towards the cultivation of more lucrative crops, and increasing the volume of their production. The provision of new irrigation at Sia-Kouanza in the Dosso region are also expected to contribute to economic growth and poverty reduction by raising farmers' income. As with Konni, farmers are expected to increase their income by boosting their production through both an increase in area cultivated (during the dry season) and the achievement of higher yields. The initial and current economic rate of returns (ERRs) for all irrigation perimeters are given in Table 4 below.

The key assumptions underlying the cost-benefit analyses and the associated risks to project success are common to both the Konni and Sia irrigation investments. The first area of substantial uncertainty has to do with the cost of and timeline for physical construction. Changes in cost will obviously have a direct impact on ERRs, but timeline issues are important as well; the cost-benefit analyses currently assume that yield improvements will occur via farmer training activities. To the extent that there is less time to train farmers who can cultivate on their own plots using the improved irrigation technology, the ERR will decrease. For Sia, given fixed costs, the ERR is substantially dependent on the number of hectares which are ultimately subject to improved irrigation; a lower final "footprint" means fixed costs are spread over a smaller number of hectares. Similarly, farmer training take-up will also directly affect the cost-benefit analyses.

Roads for Market Access Activity ERR

Roads infrastructure serving the Dosso-Gaya perimeters is intended to complement the irrigation investments. In particular, rehabilitating and upgrading the road network around the Dosso-Gaya area (where Sia-Kouanza is located) is expected to improve physical market access. The cost benefit analysis of all three of the roads the MCC is investing in was conducted using HDM-4 software. Benefits take the form of road user cost savings from lower vehicle operating and user costs. The inputs used to estimate the model are presented in Tables 1-3. The combined ERR for road investments at Compact signing was 20 percent.

Table 1. Assumption made in HDM-4 for RN7

Core Assumption	Without Project	With Project
International Roughness Index (IRI)	8	2
Project Cost (2016 USD Per Kilometer)	NA	1,266,430
Pavement Type	Bituminous (Paved)	Bituminous (Paved)
Road Width (Meters)	6	6
Maintenance Scheme	Poor (Crack Sealing, Potholes only)	Poor (Crack Sealing, Potholes only)
Normal Traffic (AADT)	1635	1635
Generated Traffic (AADT)	NA	5.4% for light vehicles, 3.4% for heavy vehicles
Truck factor	33%	33%
Value of time (2016 FCFA per hour)	459	459

Table 2. Assumption made in HDM-4 for RN35

Core Assumption	Without Project	With Project
International Roughness Index (IRI)	18	6
Project Cost (2016 USD Per Kilometer)	NA	228,726
Pavement Type	Gravel	Gravel (Ready to Pave)
Road Width (Meters)	6	6
Maintenance Scheme	Very poor (Spot regraveling every 3 years)	Decent (Annual regraveling)
Normal Traffic (AADT)	581	581
Generated Traffic (AADT)	NA	Between 38% and 96% of normal traffic depending on vehicle type, from lower transport costs and increased agricultural production in nearby Sia
Truck factor	2%	2%
Value of time (FCFA per hour)	459	459

Table 3. Assumption made in HDM-4 for Sambera Rural Road

Core Assumption	Without Project	With Project
International Roughness Index (IRI)	16	8
Project Cost (2016 USD Per Kilometer)	NA	145,232
Pavement Type	Earth	Earth
Road Width (Meters)	6	6
Maintenance Scheme	Very poor (Spot regraveling every 3 years)	Very poor (Spot regraveling every 3 years)
Normal Traffic (AADT)	20	20
Generated Traffic (AADT)	NA	Between 21% and 23% of normal traffic
Truck factor	25%	25%
Value of time (FCFA per hour)	459	459

Regional Sahel Pastoralism Support Activity ERR

The Regional Sahel Pastoralism Support Activity is expected to increase pastoralists' incomes by improving animal health and improving infrastructure to ensure animal growth. For this Activity, separate ERRs will be calculated for each of the three sub-activities.

Animal Health Sub-Activity: To improve animal health, this sub-activity will undertake vaccination activities against CBPP and PPR. Vaccination is expected to reduce disease incidence for both CBPP and PPR, and pastoralist income is expected to increase from foregone mortality and morbidity losses associated with these diseases. MCC expects to increase bovine vaccination from its current coverage rate of 52 percent to 80 percent and that for small ruminants from 40 percent to 80 percent. To ensure sustainability of the vaccination benefit post Compact, MCC is establishing a ring-fenced vaccination fund that will rely on fees collected in modernized livestock markets.

The ERR was estimated to be 19.27 percent during Compact signing. This figure was reworked to reflect the current state of knowledge of the project and consideration for sustainability of some of the project post Compact. Specifically, in addition to the fund, we have adjusted the types of livestock targeted to benefit from the vaccination. The revised ERR for vaccination, which includes a vaccination fund, currently stands at 51 percent.

Climate-Resilient Agriculture Activity ERR

The Climate-Resilient Agriculture Activity (CRA) is expected to foster economic growth and reduce poverty by increasing agro-pastoralist and farmer incomes as well as grant recipient organization profits (in the case of the grants facility). CRA intends to increase integrated agricultural practices, improve the utilization rate of selected and drought-tolerant seeds, develop small-scale irrigation schemes, promote the reclamation of degraded land, protect agricultural soils and watersheds from erosion, and provide funding and business development services to small-holder agro-enterprises. These activities are expected to increase farmers' income in a number of ways. CRA is expected to increase farmer incomes by increasing production, both through increases in area cultivated and yield. Original and current ERR estimates for the Integrated Climate-Resilient Agriculture Plans (ICRIPs), grants facility and private sector support facility Sub-Activities are given in Table 4 below.

The combined ERR for the Climate-Resilient Communities Project (thus far) is estimated to be 29 percent.

Table 4. Economic Rates of Returns (ERRs)

	Original ERR (March 2016)	Current ERR (September 2023)
Irrigation and Market Access Project	**17%**	**11%**
Irrigation Perimeter Development Activity	10%	-1%
Konni Irrigation Perimeter	11%	-0%
Ouna-Kounaza Perimeter	11%	NA
Sia Perimeter	6%	NA
Sia-Kouanza Small-Scale Irrigation	NA	-6%
Roads for Market Access Activity	23%	11%
RN7	25%	12%
RN35	11%	9%

RRS	7%	-6%
Climate-Resilient Communities Project	**14%**	**29%**
Regional Sahel Pastoralism Support (PRAPS) Activity	NA	38%
Animal Health Sub-Activity	29%	51%
Corridor Improvement Sub-Activity	13%	13%
Market Infrastructure Sub-Activity	NA	NA
Climate-Resilient Agriculture Activity	NA	22%
ICRIPs Sub-Activity	16% (indicative)	22%
Grants Facility Sub-Activity: Grants Funding Window	*10% required*	26%

Given the nature of Compact implementation, all ERRs are subject to change and will presumably remain so until Compact closeout at least.

According to the *MCC Guidelines for Economic and Beneficiary Analysis*, beneficiaries of projects are considered individuals that are expected to experience increased real incomes. The ERR analysis for proposed projects gives details on benefit streams through which beneficiaries should experience increased income. Some participants in the Compact activities may not realize increased incomes, which is why MCC differentiates between participants and beneficiaries.

Participants and Projected Beneficiaries

According to the MCC *Guidelines for Economic and Beneficiary Analysis*, beneficiaries of projects are considered individuals that are expected to experience better standards of living due to program activities aimed to increase their real incomes. The CBA for proposed projects gives details on benefit streams through which beneficiaries should experience increased income.

The expected participants for the Niger Compact are presented in the table below.

Table 5. Projected Program Participants

Project	Activity	Program Participant Definition	Est. Number of Participants
Irrigation and Market Access Project	Irrigation Perimeter Development Activity	For broad-based investments, participants and beneficiaries are the	See number of beneficiaries below.

		same.	
	Management Services and Market Facilitation Activity[4]	1. Farmer training participants 2. Women's productive activities training participants 3. Literacy training participants	1. 10,834 farmers 2. 3,000 women 3. 12,800 people
	Roads for Market Access Activity	For broad-based investments, participants and beneficiaries are the same.	See number of beneficiaries below.
	Policy Reform Activity	TBD after the Activity is further designed	See number of beneficiaries below
Climate-Resilient Communities Project	Regional Sahel Pastoralism Support Activity	For broad-based investments, participants and beneficiaries are the same.	See number of beneficiaries below.
	Climate-Resilient Agriculture Activity	For broad-based investments, participants and beneficiaries are the same.	See number of beneficiaries below.

Projected Program Beneficiaries

Table 6. Projected Program Beneficiaries

Project	Program Beneficiary Definition	Estimated Number of Beneficiaries	Present Value (PV) of Benefits	Net Present Value (NPV)
Irrigation and Market Access Project	Irrigation Perimeter Development and Roads for Market Access Activity beneficiaries	453,520	$248,674,604	$18,016,492

[4] Note that many of these trainees will be trained through more than one training program, so the numbers cannot be added together.

Irrigation Perimeter Development Activity	Konni and Sia Small-Scale Irrigation Sub-Activity beneficiaries	27,329	$30,781,193	-$69,952,422
Konni Irrigation Perimeter Sub-Activity	Individuals who reside in households where at least one member has a plot inside the perimeter	23,800	$28,221,433	-$55,574,313
Sia Small-Scale Irrigation Sub-Activity	Individuals who reside in households where at least one member has a plot which will be subject to improved irrigation	3,529	$2,559,760	-$14,378,109
Roads for Market Access Activity	RN7, RN35 and RRS beneficiaries	429,720	$115,648,250	$11,021,995
RN7 Sub-Activity	Individuals who live within 5 kms of the relevant section of the RN7	120,985	$89,945,575	$16,512,828
RN35 Sub-Activity	Individuals who live within 5 kms of the relevant section of the RN35	254,742	$25,635,465	-$2,092,853
RRS Sub-Activity	Individuals who live within 5 kms of the relevant section of the RNS	53,993	$67,210	-$3,397,980
Climate-Resilient Communities Project	PRAPS and CRA Activity beneficiaries	3,578,238	$176,193,673	$116,001,732
Regional Sahel Pastoralism Support (PRAPS) Activity	Animal Health, Corridor Improvement and Market Infrastructure Sub-Activity beneficiaries	3,414,432	$108,825,890	$80,310,093
Animal Health Sub-Activity	Individuals who reside in households where at least one member owns animals that will	3,414,432	$82,973,187	$63,821,304

	be vaccinated			
Corridor Improvement Sub-Activity	Individuals who reside in households where at least one member owns animals that will utilize improved corridors	NA[5]	$25,852,703	$16,488,789
Market Infrastructure Sub-Activity	Residents of communes where a livestock market will be improved	NA	TBD	TBD
Climate-Resilient Agriculture Activity	ICRIPs and Grants Facility Sub-Activity beneficiaries	163,806	$67,367,783	$35,691,639
ICRIPs Sub-Activity	Individuals who reside in households where at least one member farms on a plot that will be improved	163,806	$63,145,616	$34,016,381
Grants Facility Sub-Activity: Grants Funding Window	Individuals employed by an organization which received a grant	NA[6]	$4,222,167	$1,675,258

Irrigation and Market Access Beneficiary Analysis

For irrigation, all individuals with plots of land and all members of their households are considered beneficiaries. For the irrigation investments, totals of 3,400 and 519 households at Konni and Sia-Kouanza, respectively, are assumed to benefit. Assuming 7 and 6.8 members per household, this gives individual beneficiary estimates of 23,800 and 3,529, respectively, for an Irrigated Perimeter Development Activity total of 27,329. For roads, all members of households living within five kilometers on both sides along the road are considered beneficiaries. Note that the Project-level beneficiary count is not the sum of the Irrigated Perimeter Development and Roads for Market Access Activity counts, since in that case, Sia Small-Scale Irrigation Sub-Activity beneficiaries would be double-counted.

Climate-Resilient Communities Beneficiary Analysis

For PRAPS, the animal count for the health component suggests that there will be about 426,804

[5] This activity did not advance due to political events in the Summer of 2023.
[6] The convention of Economic Analysis is to count 1 beneficiary per firm, which here would simply be the number of grants. Estimating the number of beneficiaries beyond this would require additional information and would still yield a trivial number.

household beneficiaries. In term of individual beneficiaries, and assuming 8 members per beneficiary household, this would represent 3,414,432 people. The number of beneficiaries was calculated based on the proportion of animals in the endemic areas and the vaccination coverage in those areas. Beneficiary estimates for the Corridor Improvement and Market Infrastructure Sub-Activities have yet to be finalized.

For CRA ICRIPs, the number of beneficiaries is calculated like so: It is assumed that entire family farms of an average size of 3.5 hectares are affected by the Sub-Activity, so that the 71,665-hectare intervention will affect 20,746 farm households; assuming 8 members per household, there are a total of 163,806 individual beneficiaries. Estimates of beneficiaries from the CRA Grants Facility Sub-Activity are ongoing and are not expected to exceed the low thousands.

MONITORING COMPONENT

Summary of Monitoring Strategy

The program will be monitored systematically through indicators and progress will be reported regularly during implementation. Monitoring data will be analyzed to allow managers of MCA-Niger and MCC to make programmatic adjustments as necessary with a view towards improving the overall implementation and results of the program. It will also be used to inform stakeholders of progress made in implementing the Compact.

An indicator is mapped to each result in the project logic diagram to track the project logic over time. MCC M&E distinguishes between three indicator levels: outcome, output, and process. They are defined below:

Outcome Indicator - An indicator that measures a targeted result of an intervention's outputs. Often many outcome indicators are not monitored during the life of the program, but rather are reported through evaluations after the program is complete.

Output Indicator - An indicator that measures the goods or services produced as the direct result of the expenditure of program funds.

Process Indicator - An indicator that measures progress toward the completion of an activity, a step toward the achievement of project outputs and serves as a way to ensure the work plan is proceeding on time.

To ensure that the program is on track to meet its objectives, the indicators will be measured against established baselines and targets, derived from ex-ante cost-benefit analysis, other types of analysis, and project design documents. The baseline is the value of an indicator prior to a development intervention, against which progress can be assessed or comparisons made. The target is the expected value for a particular indicator at a particular time and reflects the underlying assumptions made in project design about what the project will likely achieve.

One type of indicator that MCC uses are common indicators, which consistently measure progress across programs in key sectors and report those results to internal and external stakeholders. MCC's relevant common indicators are included in this M&E Plan.

The Indicator Documentation Table defines each indicator by project and can be found in Annex I.

Baselines and targets for each indicator are defined in Annex II.

The MCA-Niger Monitoring, Evaluation, and Economics (MEE) Unit shall consult and assist implementing entities in setting up their data collection plan and reporting templates to report on the relevant indicators included in this plan.

Standard Reporting Requirements

Reporting to MCC: Quarterly Disbursement Request Package

Performance reports serve as a vehicle by which MCA-Niger management informs MCC of implementation progress. Currently, MCC requires that MCA-Niger submit a Quarterly Disbursement Request Package (QDRP) each quarter. The QDRP must contain an Indicator Tracking Table (ITT) along with a narrative report. A complete ITT presents the preceding quarters' indicator actuals and current quarter indicator progress against targets set forth in this M&E Plan. The ITT is the main source for MCC's and MCA-Niger's internal and external reporting on indicator progress during implementation.

Additional guidance on reporting is contained in MCC's *Guidance to Accountable Entities on the Quarterly Disbursement Request Package* and *Indicator Tracking Table Guidance*.

Reporting to MCA-Niger and Local Stakeholders

Even though the QDRP is required to be sent to MCC, accountable entities should also use these reports and the data included in them to assess progress and performance internally.

Data Quality Reviews

As a data-driven agency, MCC is committed to ensuring all data used in the development, implementation, and evaluation of a project are of good quality. Data quality is essential for maintaining a high level of confidence in MCC's decision making as well as for transparent reporting of MCC's results.

The quality of ITT data is the primary responsibility of MCA-Niger staff, led by the MCA-Niger MEE (Monitoring, Evaluation, and Economics) Unit. The MEE Unit, other MCA-Niger staff, as appropriate, and implementing entities should regularly check data quality. The MEE Unit should verify that all reported data has appropriate source documentation and that calculations have been done correctly. The MCA-Niger MEE Unit will conduct site visits on a regular basis or whenever requested by MCC, to review the quality of the data gathered through this M&E Plan.

In addition to regular data quality checks by MCA-Niger staff, Data Quality Reviews (DQRs) will be conducted in accordance with the requirements of the MCC M&E Policy. The objectives of DQRs are to assess the extent to which data meets the standards defined in the MCC M&E Policy in the areas of accuracy, consistency, timeliness, and transparency.

Note that evaluators are expected to conduct assessments of the quality of all data that will be used as part of the evaluation. Additional MCA-Niger-driven data quality reviews of that data are not required.

Each DQR will be thoroughly documented in a report that describes any noted gaps or weaknesses

with respect to the data quality standards. The report should also make recommendations for remedying these issues where possible. Where a remedy is not possible or cost-effective, the report should identify replacement indicators or data sources that will address the noted weakness.

MCA-Niger is responsible for ensuring that recommendations produced by DQRs and approved by MCC are implemented. After the data quality report is finalized, MCA-Niger must create an action plan that clearly identifies which of the DQR recommendations MCA-Niger will implement, as well as an associated timeline and next steps for implementing them. This action plan must be submitted in English and reviewed by MCC. Once cleared by MCC, the action plan will be made publicly available on MCA-Niger's website, either as an addendum to the M&E Plan or as an independent document. The entity responsible for the implementation DQR, Compass, has been hired by MCA-Niger in Year 5 of the program to perform a DQR between mid-2023 through November 2023.

EVALUATION COMPONENT

Summary of Evaluation Strategy

While good monitoring is essential for program management, it is not sufficient for assessing whether the expected results of an intervention are achieved. Therefore, MCC and MCA-Niger use evaluation to understand the effectiveness of its programs. Evaluation is the systematic collection and analysis of information about the characteristics and outcomes of a project. Detailed guidelines and standards for the preparation, review, and dissemination of evaluations are set forth in MCC's Evaluation Management Guidance.

According to the MCC M&E Policy, every project in a program must undergo an independent evaluation to assess whether it achieved its stated objective. For each of these evaluations, an evaluation firm is contracted by MCC. MCC and MCA-Niger are committed to ensuring that the independent evaluations are rigorously designed to measure the expected results of each project. Each evaluation must answer the following questions:

1. To what extent was the project implemented according to plan (in terms of quantity and quality of outputs)?
2. Did the project achieve its stated objective in the timeframe and magnitude expected, as documented in the current M&E Plan? Why or why not?

MCC's evaluation review process will follow the guidelines outlined in the MCC M&E Policy.

For each independent evaluation, MCA-Niger is responsible for building local ownership and commitment to the evaluation, oversight of the data collection firm, quality control of evaluation activities, and local dissemination of evaluation results during the life of the Compact.

In accordance with the MCC M&E Policy, the results of each evaluation will be disseminated through stakeholder report reviews and presentations. The associated reports, data collection materials, and data sets will be made publicly available on MCC's website.

Independent Evaluation Plans

Independent Evaluations

The next section on Specific Evaluation Plans will describe the purpose of each evaluation, methodology, timeline, and the process for collection and analysis of data for each evaluation. All independent evaluations must be designed and implemented by independent, third-party evaluators, which are hired by MCC. If MCA-N wishes to engage an evaluator, the engagement will be subject to the prior written approval of MCC. Contract terms must ensure non-biased results and the publication of results.

For each independent evaluation, MCA-N and relevant stakeholders are expected to review and provide feedback to independent evaluators on the evaluation design reports, evaluation materials (including questionnaires), baseline report (if applicable), and any interim/final reports in order to ensure proposed evaluation activities are feasible, and final evaluation products are technically and factually accurate. MCC's evaluation review process will follow the guidelines outlines in the MCC M&E Policy.

Special Studies

Either MCC or the Government may request special studies or ad hoc evaluations of Projects, Activities, or the Program as a whole prior to the expiration of the Compact Term. MCA-N M&E is currently considering the following special study:

Remote Imagery Study: MCC and MCA-N are developing and documenting methods to monitor changes in the area, crop composition, and yields in irrigation and non-irrigation areas covered by the project, based on cost-effective collection and analysis of remote imagery combined with representative samples based on traditional farm plot level measures. In addition, the new methods and their findings will be feeding into MCC's independent evaluator data collections, by aligning remote imagery with traditional farm plot level crop measures that are being collected by the evaluator. This may also involve continued remote imagery gathering and analysis to provide routine crop-season feedback on essential program crop indicators, including crop composition, area and yields.

Evaluation Types and Methodologies

With the exception of the road evaluation, which uses the HDM4 model to measure the investment impacts, all the ongoing and planned evaluations aim to measure the effects of the program on farming and pastoral communities in the Compact implementation areas. The following table summarizes the planned independent evaluations for this program. More detail on each evaluation follows.

Table 7. Summary of Evaluations

Evaluation Name	Evaluation Type	Evaluator	Primary/Secondary Methodology	Final Report Date
Evaluation Name	**Evaluation Type**	**Evaluator**	**Primary/Secondary/ Methodology**	**Final Report Date**

Irrigation and Market Access Project	Performance (Konni) TBD (SK2)	Mathematica Policy Research	Pre-post mixed-method analysis for Konni area Mixed Method (Pre- post and Matched comparison groups) for SK2	2026
Roads for Market Access Activity	Performance	International Development Group	Pre-post (HDM-4 road modeling and Political Economy Analysis)	2027
Regional Sahel Pastoralism Support Activity	Performance	A2F Inc.	Pre-post mixed method analysis of the three sub-activities	Late 2025
Climate-Resilient Agriculture Activity	Performance	Social Impact	Pre-post mixed-method approach (quantitative & qualitative data)	Late 2024

Irrigation and Market Access Project

Scope
The main goal of the Irrigation and Market Access Evaluation is to determine the extent, if any, to which the various activities improved the productivity and profitability of participants in the irrigation areas.

The Irrigation and Market Access Evaluation for the Konni and SK2 areas is expected to address the two overarching evaluation questions listed below. A fuller and more detailed list of evaluation questions can be found in the Evaluation Design Report. These evaluation questions are based on the existing program logics, but they should be refined as the program logics are updated and activities become more defined. Along with the research questions are the specific evaluation methods and data sources as proposed by the Evaluator and approved by MCC.

1. To what extent was the project implemented according to plan (in terms of quantity and quality of outputs)?
2. Did the project achieve its stated objective of increasing incomes of rural households and improving food security in the timeframe and magnitude expected, as documented in the M&E Plan? Why or why not?

Methodology
The concepts in the evaluation questions could be measured in different ways, so the Evaluator is expected to work closely with MCC, MCA-N, implementers, and other stakeholders to define how measurement will take place for all of the evaluation questions. The evaluation will likely be a comparison of key outcomes in the irrigation areas before and after the intervention; however the evaluator will explore if different irrigation areas exist that are similar enough to be used as comparisons for a difference-in-difference evaluation.

The current evaluation plan envisions three rounds of data collection (mix of quantitative and

qualitative). A baseline in 2020 (for Konni) and 2022 (for SK2) and a final round in 2025 or 2026 for an exposure period of three to four years. This timeline is based on the existing implementation timeline and projected benefits from the economic analysis. However, the Evaluator is expected to adjust the evaluation timeline and data collection rounds based on their experience evaluating similar projects, as well as from updated implementation plans and economic analysis as more information about when expected results will occur becomes available. In addition, it is expected that the interim data collection round will focus more on implementation and short-term outcomes rather than assessing the ultimate objective of the project.

Additionally, Mathematica will be conducting crop cut surveys on both Konni and SK2 to help fill data gaps and complement household surveys on both Konni and SK2 areas. The crop cut survey will focus on the five key crops that are planted in each season, based on calculation conducted on the baseline survey. These crops are as follows:

- Rainy Season: Sorghum, Millet, Cowpea, Peanut/Groundnut, and Tomato;
- Dry Season: Onion, Cabbage, Corn, Anise, and Tomato.

Moreover, MCC is exploring additional, cost-effective data collection methods, including through partnerships with NASA and RTI International, using geospatial imagery (via drones and satellites) to obtain data on crop identification and selection patterns, and potentially on crop yield estimates on the Konni Perimeter. MCC and Mathematica are collaborating with both entities to incorporate analyses of drone and satellite images that will complement household survey data collection. Remotely sensed data captured by satellites offer the potential to conduct low-cost continuous monitoring of agricultural areas over large geographic scales and time horizons. More specifically, The Niger remote sensing collaboration focuses on the ability to predict three key indicators for the evaluation of MCC's investments in the Konni and SK2 perimeters: (1) the area under cultivation—referred to as "cropland mask" in the remote sensing literature, (2) the area cultivated with different types of crops ("crop type map"), and (3) the yield prediction accuracy (yield prediction models)

Data Sources and Timelines

The evaluation is expected to use data from design studies, implementation reports, a farmer survey, focus groups and key informant interviews (KIIs). The Konni farmer survey took place in March 2020; however, for SK2 the exact design of the farmer survey, focus groups and interviews will be determined in the amended evaluation design report. Furthermore, the ongoing geospatial data collection efforts by NASA and RTI International will provide additional information on crop identification, farmer land demarcation and potentially crop yields in the Konni zone. Lastly, the Evaluator will also conduct crop cut surveys on both perimeter for complementary data more reliable analyses.

Table 8. Planned Evaluation: IMAP

Name of Data Source	Data Collection Timing	Report Name	Report Publication Timing
Farmer surveys	Konni: early 2020 SK2: early 2022	Baseline Reports	Konni: late 2021 SK2: mid-2023
Crop cut surveys	Konni: TBD	Crop Cut Survey	Konni: TBD

	SK2: TBD	Reports	SK2: TBD
Drone and satellite imagery	Ongoing	TBD	TBD
Farmer surveys	Early 2025	Final Evaluation Report	Mid 2026

Roads for Market Access Activity

Scope
The main goal of the Roads for Market Access Evaluation is to (i) determine the post Compact ERR using HDM-4 analysis; (ii) assess the road maintenance regime; (iii) analyze the composition of road users; and (iv) assess the transportation market structure.

The Roads for Market Access Activity's evaluation is expected to address the two overarching evaluation questions listed below. A fuller and more detailed list of evaluation questions can be found in the Evaluation Design Report. These evaluation questions are based on the existing program logics, but they should be refined as the program logic is updated and tasks become more defined. Along with the research questions are the specific evaluation methods and data sources as proposed by the Evaluator and approved by MCC.

1. To what extent was the Roads for Market Access Activity implemented according to plan (in terms of quantity and quality of outputs)?
2. Did the Activity achieve its stated objective of increasing the volume and value of agricultural products sold in the timeframe and magnitude expected, as documented in the M&E Plan? Why or why not?

Methodology
The evaluation will be a performance/ evaluation relying on a methodology combining HDM-4 analysis, which quantifies vehicle operating cost savings and time savings, plus political economy analysis of the road maintenance regime and transport market structure, to assess achievement of the objective.

Data Sources and Timelines
The evaluation will use data from design studies, implementation reports, traffic surveys, origin and destination surveys, and key informant interviews. Mainly, secondary sources for the baseline, the MTC, and the O-D surveys will be used to inform the evaluation question and no additional primary data will be collected. Additionally, secondary data and KIIs will be essential for answering some of the Evaluation Questions. Below is a summary data source table as proposed by the evaluator:

Table 9. Planned Evaluation: Roads for Market Access

Name of Data Source	Data Collection Timing	Report Name	Report Publication Timing

International Roughness Index	Late 2021	Baseline Report	Mid 2022
Key Informant Interviews			
Origin-Destination Surveys			
Vehicle Operating Cost Surveys			
International Roughness Index	Late 2026	Final Evaluation Report	Mid 2027
Key Informant Interviews			
Origin-Destination Surveys			
Vehicle Operating Cost Surveys			

** Data collection may not be required if the performance-based maintenance contracts are successfully implemented and if reliable data is available to the evaluation team.*

Regional Sahel Pastoralism Support Activity

Scope

This evaluation will answer the following core questions:

1. To what extent was PRAPs implemented according to plan (in terms of quantity and quality of outputs)?
2. Did the project achieve its objective, to increase incomes for small-scale agricultural- and livestock-dependent families in eligible communes and livestock corridors in rural Niger by improving crop and livestock productivity, sustaining natural resources critical to production supporting growth of agricultural enterprises and increasing market sales of targeted commodities, in the timeframe and magnitude expected?

The evaluation will focus on measuring improvements in economic welfare through increases in profits of livestock-dependent households due to decreases in livestock mortality and morbidity. Additional areas of inquiry will dig deeper into the mechanisms behind this broad question, analyzing whether or not: livestock health was improved; surveillance capacity of veterinary services was improved; the prevalence of CBPP and PPR was decreased; there was an increase in buyers and sellers of livestock; there was a relaxation of entry barriers into markets; communes adopted sustainable management of pasture lands and water access points; access to public grazing has improved; land-related conflicts have reduced, etc.

Methodology

The evaluation will be a performance evaluation relying on a pre-post, mixed-methods methodology to assess achievement of the objective.

A2F Inc. has been hired as the independent evaluator. The overall performance evaluation will be informed by the findings from each sub-activity: Animal Health, Market Access Facilitation, and Natural Resource Management Enhancement. Cross-cutting issues such as gender will be assessed. The evaluation will employ the use of both qualitative data such as implementation reports, Focus Group Discussions, and Key Informant Interviews, as well as quantitative data from SIM Betail, a government entity which collects livestock data under the Ministry of Livestock, on the quantity of animals (by type) sold, as well as the prices over time and across different regions.

For the Animal Health sub-activity, a pastoralist survey of 660 herders will be conducted, supplemented by KIIs with veterinarians. For Market Access Facilitation, time-series data from SIM Betail on market trends will be collected, and key indicators from this data such as volumes of production and sales, and prices of livestock will be analyzed. KIIs with market participants will also be conducted. Finally, for the Natural Resource Management Enhancement sub-activity, an entirely qualitative approach will be taken. The data collection will rely on a mixture of FGDs and KIIs with transhumance pastoralists, agro-pastoralists, community members, and local representatives.

For a full explanation of the evaluation plan, see the PRAPS Evaluation Design Report.

Data Sources and Timelines
The evaluation will collect and/or analyze data from the following sources and produce the following reports:

Table 10. Planned Evaluation: PRAPS

Name of Data Source	Data Collection Timing	Report Name	Report Publication Timing
Pastoralist survey	Early 2021	Baseline Report	Early 2022
SIM Betail data on market trends			
Key informant interviews with transhumance pastoralists, agro-pastoralists, community leaders, etc.			
Previous reports, academic literature, program documentation			
Pastoralist survey	Late 2025	Endline Report	Late 2026
SIM Betail data on			

market trends			
Key informant interviews (and if possible, Focus Group Discussions) with transhumance pastoralists, agro-pastoralists, community leaders, etc.			

Climate Resilient Agriculture Activity

Scope

This evaluation will answer the following core questions:

1. To what extent was CRA implemented according to plan (in terms of quantity and quality of outputs)?
2. Did the project achieve its objective, to increase incomes for small-scale agricultural- and livestock-dependent families in eligible communes and livestock corridors in rural Niger by improving crop and livestock productivity, sustaining natural resources critical to production supporting growth of agricultural enterprises and increasing market sales of targeted commodities, in the timeframe and magnitude expected?

The specific goal of the CRA activity that the evaluation will measure is to increase incomes for small-scale agricultural- and livestock-dependent households and improve food security through increases in agricultural productivity. The evaluation will investigate to what extent the two sub-activities, Grants Facility, and ICRIPs, were implemented according to plan, and to what extent incomes were increased as a result of both sub-activities. Further, the evaluation will analyze the extent to which the project outcomes, including improved agricultural productivity, improved quality of products sold, additional funds leveraged, and improved resilience to shocks, were achieved.

Methodology

The evaluation will be a performance evaluation relying on ex-post methodology to assess achievement of the objective.

Social Impact (SI) has been hired as the independent evaluator. SI will use a mixed-methods approach combining quantitative and qualitative data.

For the Grants Facility sub-activity, a quantitative survey will be conducted with all grantee beneficiaries. This survey will capture data on grantee revenues, costs, and profits. It will also assess changes in climate resiliency and the factors influencing these outcomes. It will capture the full range of short, medium, and long-term outcomes from the logic diagram, such as the extent to which new practices are adopted, grantee organizations' access to new sources of funding, as well as changes in productivity, overall production and sales, and the quality of goods sold. In addition to the grantee survey, secondary data on the livestock market, prices, and general implementation

will be collected. For the ICRIPs sub-activity, satellite imagery will be utilized. For both sub-activities, on the qualitative side, semi-structured KIIs will be conducted with key implementing staff and local representatives. The evaluation team will also rely on project reports and direct observation of grantee sites. While the PSP (Private Sector Partnerships) sub-activity has been cancelled, interviews with PSP implementers will be retained in order to learn what led to the cancellation.

For a full explanation of the evaluation plan, see the CRA Evaluation Design Report.

Data Sources and Timelines

The evaluation will collect and/or analyze data from the following sources and produce the following reports:

Table 11. Planned Evaluation: CRA

Name of Data Source	Data Collection Timing	Report Name	Report Publication Timing
Grantee survey (quantitative)	September - December 2024	Endline	August 2025
Secondary data including project monitoring data, SIMA Agricultural Price Data, and SIMB Livestock Data (quantitative)	September - December 2024		
Satellite imagery (quantitative)	September - December 2024		
Semi-structured interviews (KIIs) (qualitative)	November 2023		
Project reports (qualitative)	September - December 2024		
Direct observation of grantee project sites (qualitative)	September - December 2024		

IMPLEMENTATION AND MANAGEMENT OF M&E

Responsibilities

This section describes the M&E responsibilities of the accountable entity, MCC, and the government after the program has ended.

Accountable Entity

The MCA-Niger MEE Unit will be composed of a Director, Monitoring & Evaluation and Economic Analysis who will have the key responsibility of leading and managing all M&E and Economic Analysis activities; and regional M&E staff in the areas of intervention who will support the Director in performing the M&E and Economic Analysis activities. Additionally, the MEE Unit may hire short-term support on an as needed basis. The MEE Unit will carry out, or hire contractors to complete the following and other related activities:

- Lead the development and periodic updates of the Niger M&E Plan, in accordance with MCC policies and guidelines and in coordination with MCC and relevant stakeholders.
- Lead the implementation of the monitoring component of the Niger M&E Plan to provide timely and relevant input to project management and external reporting, including:
    - Define the performance indicators to be monitored along with their baselines and targets in collaboration with project teams.
    - Identify critical data gaps or data quality issues related to the M&E Plan indicators and design and implement a plan to resolve these issues and build capacity with the party that produces the data (e.g., government entities or project implementers).
    - Work with implementers and Implementing Entities to ensure M&E requirements are appropriately incorporated in their contracts and Implementing Entity Agreements, respectively, and that there is a shared understanding of relevant indicators and other requirements.
    - Produce the ITT. This should include reviewing all of the ITT data on a quarterly basis, checking inconsistent values with project leads and reporting entities, and submitting supporting documentation for all data that is reported.
    - Conduct a Data Quality Review of monitoring data reported by MCA-Niger as well as likely sources of future monitoring data (i.e. data sources identified in the M&E Plan) and implement a plan to address any identified weaknesses.
    - Design and implement field assessments of progress towards the achievement of outputs and intermediate outcomes, especially in situations where concerns have been raised regarding data quality or validity.
    - Disseminate information from the approved ITT to relevant stakeholders in Niger and to MCC.
- Support the design and implementation of the evaluation component of the Niger M&E Plan to promote accountability and learning, including:
    - Provide data and documentation required to inform the design and implementation of evaluations to MCC and independent evaluators.
    - Monitor adherence to the project design and implementation plans and report any deviations to the independent evaluator.
    - Review evaluation reports, survey instruments, and other materials

produced by each of the evaluators hired by MCC to conduct independent evaluations.
    - Manage local stakeholder reviews of evaluation reports and materials.
    - Contract survey firms to undertake baseline and interim data collection for independent evaluations and supervise work in coordination with the independent evaluator.
    - Organize meetings/events for the dissemination of evaluation findings for each evaluation report.
- Ensure that the Cost-Benefit Analyses and Beneficiary Analyses, including estimates of the Economic Rate of Return (ERR), are modified and updated in accordance with MCC Guidelines as improved information becomes available (updating key parameters and variables upon the receipt of new or higher quality data).
    - Maintain close collaboration and integration between MEE and project teams to ensure that MEE's data and analysis is accurate, up-to-date, and supports evidence-based project design and management.
    - Maintain regular communication with MCA-Niger leadership, MCC M&E and Economic Analysis staff to provide updates on the status of MEE activities and to communicate risks related to the progress of implementation or the achievement of results.
    - Manage the M&E budget and provide updates to MCC on commitments and disbursements on a quarterly basis.
    - Manage the procurements and contracts funded by the M&E budget and report progress to MCC on a quarterly basis.

The Director, MEE will be a part of MCA-Niger's internal Management Unit, composed from MCA-Niger leadership, Project Directors, and other Directors. Collaboration with the procurement team will be very important to prepare and conduct timely procurement of M&E related contracts as well as ensuring that other implementation contracts contain necessary data reporting provisions.

Seminars, workshops, elaboration and distribution and dissemination of M&E materials shall be conducted in close cooperation with the MCA-Niger Communications Unit.

Millennium Challenge Corporation

MCC will carry out the following aspects of M&E:

- Support the MCA-Niger MEE Unit by providing technical assistance on the above-mentioned tasks, notably:
    - Support in the development and updating of the M&E Plan, including facilitating discussions with the MCC country team, and drafting and maintaining the following sections: Economic Analysis, Participants and Projected Beneficiaries, and the Evaluation Component.
    - Participate in all Data Quality Reviews, including attending associated workshops and providing technical expertise on all deliverables.
- Manage high-quality independent evaluations
    - Develop the scope of work and procure one or more independent evaluators.
    - Fund and manage evaluator contract(s).
    - Convene MCC's Evaluation Management Committee to review key evaluation deliverables and make decisions about the evaluation design and

implementation.
    - Facilitate evaluation coordination with the accountable entity, implementers, and other local stakeholders.
- Review and clear on ITTs as part of the Program Quarterly Disbursement Request Packages, plus flag for the MCC country team any risks to results found in ITT data.
- Maintain close collaboration and integration between MEE and the MCC country team to ensure that MEE's data and analysis is accurate, up-to-date, and supports evidence-based project design and management.
- Clear on the use M&E program funds and procurements.
- Package ITT data and evaluation results for learning and lead dissemination efforts to inform MCC decisions.

Government Post-Program

To prepare for post-program evaluation, MCA-Niger should identify a post-program point of contact (POC) for MCC at least one year before the program ends and work with that POC to build understanding of the MCC program and evaluation process. This POC should be part of the Government entity that will support post-program evaluation. Specifically, post-program the Government will:

- Support the collection of primary data or efforts to obtain secondary data from other stakeholders
- Commit to reviewing evaluation deliverables that are submitted post-program
- Facilitate review of post-program evaluation deliverables by relevant project stakeholders
- Support dissemination of evaluation results.

This section will be updated with Government commitments related to dissemination (such as providing venues for and organizing dissemination presentations) before closure.[7]

Review and Revision of the M&E Plan

The M&E Plan is designed to evolve over time, to ensure the plan remains up to date and consistent with design documents and project work plans, and to incorporate lessons learned for improved performance monitoring and measurement. The M&E Plan must be kept as current as possible, including conducting revisions as needed and feasible. At a minimum, one comprehensive review of the M&E Plan, with related updates and revisions, must take place during the life of the program. M&E Plans must be reviewed and amended, if appropriate, after a modification to the program's scope has been approved by MCC. MCC may withhold disbursements of program funding if the M&E Plan is not being kept up to date.

MCC M&E distinguishes between major and minor changes to the M&E Plan (i.e., modifications) and major and minor M&E Plan revisions. Major modifications are limited to changes to the project logics, baselines, targets, and indicator definitions, adding new indicators and retiring existing indicators. All other modifications are considered minor. Those major modifications, as well as a justification for why the change was made (for changes to indicators only), must be documented in Annex III of this M&E Plan. This Annex summarizes all major modifications between program signing and the current version of the M&E Plan. Minor modifications are not required to be tracked in Annex III.

[7] Due to the political events in Niger as of July 2023, MCC is exploring different ways to fulfill post-Compact activities.

The revision and approval process must follow the MCC M&E Policy.

M&E BUDGET

The budget for the implementation of the proposed M&E activities for the term of the Niger Compact is $12 million. The M&E budget does not include the M&E staff in MCA-Niger whose salaries and field trips are included in the administrative budget of the program.

During the life of the program, surveys will be funded through the M&E budget in the Niger Compact. However, evaluation design, post-program data collection, and analysis are funded directly by MCC. MCC will commit approximately $13 million to fund the external evaluators and post-program data collection.

ANNEXES

Annex I: Indicator Documentation Table

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Irrigation and Market Access Project											
Irrigation Perimeter Development Activity											
Increased incomes of rural households & improved food security		Outcome	Gross agricultural income per hectare	Annual average gross agricultural income per hectare within the irrigation perimeters selected for improvements by MCC. This includes household consumption of agricultural products, which is valued at market prices. Investment and operating costs are not subtracted.	CFA Francs	Niger Irrigation Perimeters (Konni, SK2)	Farm Survey report	Mathematica (MCC Independent Evaluator)	Once	Non-ITT indicator	This indicator is in the Niger Compact. All of the baselines and targets came from the ERR model presented at the time of finalizing the Compact.
Objective: Increased crop yields		Outcome	Average annual crop yield per hectare	Average annual output per hectare of certain crops (millet, sorghum, cowpeas)	Kilograms	Agricultural crop (Sorghum, Millet, Cowpea(Niebe)) Niger Irrigation Perimeters (Konni, SK2)	Crop cuts and Household Survey report	Mathematica (MCC Independent Evaluator)	Once	Non-ITT indicator	This indicator is in the Niger Compact. All of the baselines and targets came from the ERR model presented at the time of finalizing the Compact. Targets can be pulled out of the ERR model to see expected increases by perimeter. The list of crops may change in the event of ERR/CBA updates
Objective: Increased volumes & values of crops produced & traded		Outcome	Crops traded	Values of select crops produced and traded on local, regional and international markets	CFA Francs	Agricultural crop (Sorghum, Millet, Cowpea(Niebe))	Producer surveys	Mathematica (MCC Independent Evaluator)	Once	Non-ITT indicator	New indicator to measure the other portion of the Objective
Objective: Women & youth are economically empowered in their household & community		Outcome	Abbreviated Women's Empowerment in Agriculture Index	The WEAI assesses the degree to which women are empowered in five domains of empowerment: (1) decisions about agricultural production, (2) access to and decision-making power about productive resources, (3) control of use of income, (4) leadership in the community, and (5) time allocation. The final result is calculated as an index combining inputs from the five domains listed above	TBD	None	Household Survey	Mathematica (MCC Independent Evaluator)	Once	Non-ITT indicator	At baseline, the index was .72 (disempowered)
Increased cultivation of land during the dry & rainy seasons		Outcome	Hectares irrigated	The number of hectares irrigated by the existing or new irrigation infrastructure that are either rehabilitated or constructed with MCC funding.	Number	Rainfall season (Rainy season, Dry season) Niger Irrigation Perimeters (Konni, SK2)	STUDI reports	Mathematica (MCC Independent Evaluator)	Other	Non-ITT indicator	This indicator is in the Niger Compact. Sources are provided for the baseline and target values. NORDA is a due diligence report.
Water for irrigation is effectively provided & sustainably managed		Outcome	Perception of quality of water service by water users	Percent of water users that approve of the quality of water service	Percentage	Sex (Male, Female)	Water User Surveys	Mathematica (MCC Independent Evaluator)	Other	Non-ITT indicator	
Shift to higher value crops		Outcome	Percent cropping shift	Percent of farming lands that have shifted to crops considered "higher value"	Percentage	Niger Irrigation Perimeters (Konni, SK2)	Remote sensing data/reports, Household survey reports, Crop cut reports	MCC Independent Evaluator	Other	Non-ITT indicator	The evaluator could reformulate the indicator including the definition of "higher value crops" based on circumstances and data sources The evaluator will calculate and compare the proportions of lands used for higher value crops between before and after investments
Increased irrigated land	AI-8	Output	Hectares under improved irrigation	The number of hectares served by existing or new irrigation infrastructure that are either rehabilitated or constructed with MCC funding.	Hectares	Niger Irrigation Perimeters (Konni, SK2)	Hand-over Certificates	Camacho	Annual	ITT indicator	This indicator should measure the number of hectares that could be irrigated by the irrigation system. In other words, this indicator measures the capacity of the irrigation system, but not the actual number of hectares being irrigated. It will be reported on once an irrigation system is completed. Although it is an outcome result on the logic, it should be reported on as an output indicator to comply with the Common Indicator Guidance.

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Irrigation perimeters are rehabilitated & constructed		Output	Construction and rehabilitation completed- Konni	Date of final contractor-delivery and MCA-approval of the irrigation infrastructures and user materials.	Date	None	Hand-over Certificates	STUDI	Once	ITT indicator	
Irrigation perimeters are rehabilitated & constructed		Output	Construction and rehabilitation completed- SK2	Date of final contractor-delivery and MCA-approval of the irrigation infrastructures and user materials.	Date	None	Hand-over Certificates	STUDI	Once	ITT indicator	
Rehabilitate the Konni irrigation system & develop new irrigated perimeters in the Dosso-Gaya area	AI-5	Process	Temporary employment generated in irrigation	The number of people temporarily employed or contracted by MCA-contracted construction companies to work on construction of irrigation systems.	Number	Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Contractor Monthly Reports	STUDI	Annual	ITT indicator	
Management Services and Market Facilitation Activity											
Land Tenure Security Sub-Activity											
Land tenure is more secure		Outcome	Lands formalized	Percent of perimeter lands with proper land right documentation Lands with proper documentation / Total perimeter	Percentage	Sex of User (Male, Female, Joint) Niger Irrigation Perimeters (Konni, SK2)	Konni: MSA reports SK2: SONED reports Evaluation survey reports	Mathematica (MCC Independent Evaluator)	Once	Non-ITT indicator	
Participants are allocated land with proper documents		Outcome	Participants with access to irrigated land	The number of people implicated within social accords (in SK2) and land occupation contracts and/or land usage contracts (for Konni) guaranteeing them access to irrigated land for a definite number of years.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female)	Occupation contracts	MCA-Niger Management Services Manager	Annual	ITT indicator	We assumed one hectare per person, hence why we did not change the target Social accords determine who is included in which land access/share arrangements
Participants are allocated land with proper documents	L-6	Output	Land rights formalized	The number of household, commercial and other legal entities (e.g., NGOs, churches, hospitals) receiving formal recognition of ownership and/or use rights through certificates, titles, leases, or other recorded documentation by government institutions or traditional authorities at national or local levels.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Land zone (Rural)	Occupation contract (Konni) and COFOCOM reports (SK2)	ONAHA (Konni), COFOCOM (SK2)	Quarterly	ITT indicator	Note that this result is an outcome in the program logic, but the common indicator is an output. Source documentation is Occupation contracts from ONAHA for Konni and COFOCOM for SK2.
Formalization of land rights & registration with clear criteria for land allocation		Output	Perimeters registered	Number of irrigation perimeters formally registered in the name of the central government.	Number	Niger Irrigation Perimeters (Konni, SK2)	Land title	Department of Land Conservation under the Directorate of State and Cadastral Affairs	Once	ITT indicator	SK2 is based on private properties. No official GoN formalization
Formalization of land rights & registration with clear criteria for land allocation		Output	Communes formally adopting land allocation principles and criteria	Number of communes in Konni that have issued municipal orders adopting land allocation principles and criteria.	Number	None	Municipal order	ONAHA	Annual	ITT indicator	No formal allocation expected for SK2
Formalization of land rights & registration with clear criteria for land allocation	L-5	Output	Parcels corrected or incorporated in land system	The number of parcels with relevant parcel information corrected or newly incorporated into an official land information system (whether a system for the property registry, cadaster or an integrated system).	Parcels	Niger Irrigation Perimeters (Konni, SK2) Land zones (Rural)	Occupation contract (Konni) and Long-term leases (SK2)	ONAHA for Konni, Genie Rural for SK2	Quarterly	ITT indicator	

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
COFOCOMs receive training & resources support	L-3	Output	Stakeholders trained	The number of public officials, traditional authorities, project beneficiaries and representatives of the private sector, receiving formal on-the-job land training or technical assistance regarding registration, surveying, conflict resolution, land allocation, land use planning, land legislation, land management or new technologies.	Number	Sex (Male, Female)	Project training records compiled by contractors and subject to verification	MCA-Niger COFOCOM training consultant	Quarterly	ITT indicator	This is exclusively stakeholders in the Land sector. Ag stakeholders not included Land sector experts/leads determine minimum requirements for a stakeholder to be considered trained
COFOCOMs receive training & resources support		Output	COFOCOM officials that receive training and resources support	Number of COFOCOM officials (government) that receive training on rural code and land administration procedures to develop and implement land allocation principles and improve land administration in targeted communes	Number	None	MSA and SONED Quarterly Reports	MSA/SONED	Quarterly	ITT indicator	COFOCOM land training is composed of a general training for all COFOCOM members, plus more advanced trainings for specific subsets of the COFOCOMs. In addition to training, material and/or financial resources are provided. This indicator will count all participants in the general training and a participant if they only attend one of the specialized trainings but did not attend the general training. A participant should not be counted multiple times even if they participate in the general training and an advanced training. The general training will be held over three days and addresses: • The legal and regulatory framework of rural land management; • Conduct and management of the land security process; • Keeping and archiving land documents; • Land conflict management mechanisms.
Sustainable Management of Irrigation Systems Sub-Activity											
ONAHA has improved institutional capacity & clearly defined role to provide oversight to iWUAs		Outcome	iWUA management perceives that ONAHA has technical capacity to support them in the management of the system	Percent of iWUA management which perceives that ONAHA has technical capacity to support them in the management of the irrigation system	Percentage	None	iWUA survey report	Mathematica (MCC Independent Evaluator)	Once	Non-ITT indicator	Initially included as a monitoring indicator
iWUAs are functional & have acquired management skills		Outcome	iWUAs that self-finance with fees covering assigned operations, maintenance, and rehabilitation	Number of iWUAs that contribute 100 percent of assigned operations, maintenance, and rehabilitation costs for the completed irrigation infrastructure.	Number	None	CACG's annual report and iWUA records	CACG (Compagnie d'Aménagement des Coteaux de Gascogne), iWUA	Annual	ITT indicator	The target for this indicator in the Compact was 5 (1 for Konni and 4 for SK2), but now only 1 for Konni is expected
iWUAs are functional & have acquired management skills		Outcome	Rate of collection of water fees	Percent of (each individual) irrigation water user association members that are paying their fees in full and on time	Percentage	None	Reports from iWUAs with ONAHA oversight	iWUAs with ONAHA oversight	Annual	ITT indicator	Will be collected by whomever is in charge of fund management This indicator will be additionally calculated using the percent deviation calculation type because an actual that greatly exceeds the target may be as indicative of poor management as an actual that falls short of the target. Percent deviation is calculated using the following formula: 100*|Actual - Target|/Target and a percent deviation of 0% is ideal. This calculation will be added in the notes field since percent complete formula must be used in the corresponding field for all indicators.
iWUAs are functional & have acquired management skills		Outcome	iWUAs prepare financial reports and annual budgets	Number of financial reports and annual budgets (submitted once/year) by the iWUAs to (and approved by) ONAHA.	Number	None	CACG's (Compagnie d'Aménagement des Coteaux de Gascogne) annual report and iWUA financial reports/records	iWUAs with ONAHA oversight, CACG	Annual	ITT indicator	

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
iWUAs are created and trained in management techniques		Output	iWUAs created	Number of iWUAs created	Number	None	CACG's (Compagnie d'Aménagement des Coteaux de Gascogne) annual report and iWUA records	CACG (Compagnie d'Aménagement des Coteaux de Gascogne)	Quarterly	ITT indicator	"Created" is defined as carrying out all the processes that will lead to the establishment of the different components (general assembly, executive committee, control committee) by the members
iWUAs are created and trained in management techniques		Output	iWUA management trained	Number of iWUA management members who have received management technique skills training	Number	None	CACG's (Compagnie d'Aménagement des Coteaux de Gascogne) annual report and iWUA records	CACG (Compagnie d'Aménagement des Coteaux de Gascogne)	Quarterly	ITT indicator	MCC & MCA sector experts determine the minimum requirement for a participant to be considered trained
ONAHA's role in irrigated perimeters is modified and strengthened in accordance with 2016 decree		Output	The roles of the technical directors are modified for ONAHA to become supervisors of the irrigation water user associations' performance management	Date of official document clarifying the responsibilities between ONAHA's technical director and the iWUAs for all aspects of operations and management for the Konni perimeter.	Date	None	Signed and agreed operating contract	MCA-Niger (Manager Services Lead)	Once	ITT indicator	According to Manager SGFAM, the operating contract will be signed between ONAHA and AUEI when the perimeter is released. The standard contract exists. Only his signature remains when the perimeter is released.
Agricultural Support Services Sub-Activity											
Participants apply improved natural resource management techniques (soil, ground, water, forests, rivers) Producers apply improved agricultural practices & gain better access to market	AI-11	Outcome	Farmers who have applied improved practices as a result of training	The number of primary sector producers (farmers, ranchers, fishermen, and other primary sector producers) that are applying new production or managerial techniques introduced or supported by MCC training or technical assistance, such as input use, production techniques, irrigation practices, post- harvest treatment, farm management techniques, or marketing strategies.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Annual	ITT indicator	
Producers apply improved agricultural practices & gain better access to market	AI-12	Outcome	Hectares under improved practices as a result of training	The number of hectares on which farmers are applying new production or managerial techniques introduced or supported by MCC, such as input use, production techniques, irrigation practices, post-harvest treatment, farm management techniques, or marketing strategies.	Hectares	Niger Irrigation Perimeters (Konni, SK2) Sex of User (Male, Female, Joint)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Annual	ITT indicator	On Konni targets: the studies weren't competed through Year 4 and Year 5 to determine sex disaggregations; hence N/As
Producers apply improved agricultural practices & gain better access to market	AI-13	Outcome	Enterprises that have applied improved techniques	The number of rural enterprises; producer, processing, and marketing organizations; water users associations; trade and business associations; and community-based organizations that are applying managerial or processing techniques introduced or supported by MCC.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex of Owner (Male, Female, Joint)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Annual	ITT indicator	The disaggregation should measure female vs. male ownership. The institutions that will feed into this indicator will be based on implementation plans by the Agricultural Support Services contractor. Each category of participating enterprise has a specific set of modules and minimum training requirements to qualify as applying techniques

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Members of cooperatives have improved access to member services		Outcome	Cooperatives providing key services to membership	Percentage of cooperatives or producer organizations that provide at least 3 key services to its members (inputs, access to credit, sales/marketing, or post-harvest services). Cooperatives or producer organizations providing at least 3 key services DIVIDED by All Cooperatives covered by the program	Percentage	None	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Annual	ITT indicator	
Producers have acquired functional numeracy, literacy & basic knowledge in nutrition & hygiene		Outcome	Trained participants who pass the literacy test	Number of participants who successfully participate in two phases of the literacy program and receive certificates.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	This indicator is in the Niger Compact document. The indicator has been refined to focus on literacy. The original name of the indicator was "Men, women and youth participants with improved knowledge from management services." Note that the result from the Compact document that the indicator intends to measure has also been refined.
Producers have acquired improved production technologies & practices		Outcome	Farmers with proven skills in improved production technologies and practices	The number of primary sector producers (farmers, ranchers, fishermen, and other primary sector producers) that can list and explain new production or managerial techniques introduced or supported by MCC training or technical assistance, such as input use, product.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services Contractor (CoWater)	Annual	ITT indicator	
Women & youth increased their savings & access to loans		Outcome	Participants with access to credit	Number of women and youths of both sexes (ages 15-35) who have acquired access to financial loans as a result of their participation in the program.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	In the Niger context, youths are men and women ages 15 to 35
Greater participation of women and youth in formal producer groups and cooperatives		Outcome	Share of women and youth in group memberships	Percentage of cooperative and group members who identify as women or youth. In the Niger context, "youth" is defined as a man or a woman between the ages of 15 and 35.	Percentage	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	
Participants have acquired knowledge in natural resource management		Outcome	Farmers with proven natural resource management skills	Number of training participant farmers who have successfully retained the majority of natural resource management techniques from training.	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	
Women & youth increased their savings & access to loans		Outcome	Savings and loans groups that have achieved maturity and graduated from the program	Number of savings and loans groups that have achieved maturity and graduated from the village savings and loans (VSL) program. This means that they have participated in a 12 month cycle and have an average yield of 29 percent.	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	
New & existing cooperatives receive capacity development training in management of service delivery		Output	Cooperatives trained	Number of new and existing cooperatives whose management teams have attended a minimum required training sessions in management of service delivery	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	CoWater determines the minimum required training for each module

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Producers trained in adult functional literacy, numeracy, nutrition & hygiene		Output	Producers trained in numeracy, literacy, hygiene and nutrition	Number of producers who have participated in a minimum required sessions of training in literacy, numeracy, nutrition and hygiene in the implementation sites	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	Sector experts with MCA and MCC determine the minimum required for a person to be considered trained
ONAHA and relevant institutions receive capacity building and training		Output	Agriculture stakeholders trained	The number of public officials (ONAHA, regional and municipal ag sector oversight officials, etc.) receiving formal on-the-job training or technical assistance regarding iWUA oversight, Cooperatives' oversight, agriculture surveying, enforcement of regulations and legislation, oversight in the use of new technologies.	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services Contractor (CoWater)	Quarterly	ITT indicator	Sector experts determine the minimum required for a person to be considered trained, prior to validating. This includes completing the majority of the 5 modules in the curriculum as well as the majority of the content in each module
Participants trained in sustainable natural resource management Producers trained in improved production techniques, on-farm practices & value-added post-harvest production	AI-6	Output	Farmers trained	The number of primary sector producers (farmers, ranchers, fishermen, and other primary sector producers) receiving technical assistance or participating in a training session (on improved production techniques and technologies, including post-harvest interventions, developing business, financial, or marketing planning, accessing credit or finance, or accessing input and output markets).	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services Contractor (CoWater)	Quarterly	ITT indicator	Primary production: Producers will be trained in improved agriculture practices, including crop rotation, soil conservation, integrated pest management, improved agricultural calendar planning, use of improved agricultural inputs (fertilizer/seeds), use of water saving technologies Value-added and post-harvest: improved harvest and post-harvest marketing, value-added transformation, introduction of mechanization and new technologies. To be considered trained, the participant needs to attend a minimum required training sessions that span multiple production campaigns
Producers trained in improved production techniques, on-farm practices & value-added post-harvest production		Output	Women trained in improved productive activities	Number of women who have completed the minimum required training in improved and innovative primary production and processing (as defined in the contractor's curriculum)	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	To be considered trained and receive a certificate, participants must complete 2 full sets of modules that span 2 years
Producers trained in improved production techniques, on-farm practices & value-added post-harvest production		Output	Participants that completed a literacy course	Number of participants who attend both Phase I and Phase II of the literacy program	Number	Niger Irrigation Perimeters (Konni, SK2) Sex (Male, Female) Niger Age (15-35 years, Over 35 years)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	A participant has to participate in 2 phases of six months each, Dec-May, then Dec-May and pass the test at the end of phase 2 to get a certificate
Women and youth trained in savings, loan methodologies and financial management		Output	Women trained in village savings and loan program	Number of women trained in the village savings and loan program	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	CoWater and MCA sector leads determine the minimum required training for each module

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
N/A (Process indicator)		Process	Demonstration plots installed	Number of demonstration plots installed in irrigation perimeter (for at least 2 consecutive seasons: a dry season and a rainy season)	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	Niger has two seasons per year: one rainy season and one dry season. Demonstration plots are thus expected to cover a 12-month period (including both seasons) A demonstration plot is a production/farming plot prepared for training purposes of lead farmers. Trainees use such plots to apply on the field the learning they acquire from theoretical trainings. The farmer is shown step by step how, for example, to plant seeds in line, to apply proper fertilizer dosage, to use irrigation techniques, etc. If successful, those successes could eventually inspire other farmers to apply those techniques to their own plots
N/A (Process indicator)		Process	Innovation plots installed	Number of innovation plots installed in irrigation perimeter (for at least 2 consecutive seasons: a dry season and a rainy season)	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	Niger has two seasons per year: one rainy season and one dry season. Demonstration plots are thus expected to cover a 12-month period (including both seasons) An innovation plot is a production/farming plot prepared for training purposes of lead farmers. Trainees use such plots to apply on the field the innovative techniques they acquire from theoretical trainings. Farmers are shown step by step how, for example, to bring new or existing products, processes into use for the first time in a specific context in order to increase effectiveness, competitiveness, resilience to shocks or environmental sustainability. If successful, those successes could eventually inspire other farmers to apply those techniques to their own plots
N/A (Process indicator)		Process	Demonstration sites installed for women	Number of sites of demonstration for transformation installed outside of the irrigation perimeter for women	Number	Niger Irrigation Perimeters (Konni, SK2)	Agricultural Support Services contractor report (CoWater reports)	Agricultural Support Services contractor (CoWater)	Quarterly	ITT indicator	This will take place outside the irrigation perimeter, but technically still within the two regions. Demonstration for transformation are only for post-harvest product transformation purposes
Roads for Market Access Activity											
Reduced vehicle operating costs		Outcome	Vehicle operating costs	Average cost per kilometer traveled. This includes an average for: generic cars; four-wheel drives; mini-buses; medium buses; 2-ton, 13-ton & 28-ton trucks; and multicycles.	CFA Francs	Niger Road Sections (RN-35, RN-7, Rural Road)	HDM-4 analysis report	International Development Group, Inc. (MCC's Independent Evaluator)	Once	Non-ITT indicator	
Increased presence of input & output traders		Outcome	Traffic count	Annual average number of vehicles on the rehabilitated roads	Number	Niger Road Sections (RN-35, RN-7, Rural Road)	Traffic Survey	International Development Group, Inc. (MCC's Independent Evaluator)	Other	Non-ITT indicator	
Increased presence of input & output traders		Outcome	Road usage patterns	Percent change in road usage patterns in terms of who is traveling along the improved roads, what they are transporting. The evaluator will compare changes in the types of users, types of vehicles used and types of merchandises being transported on each of the three roads (RN7, RN35 and RRS).	Percentage	Niger Road Sections (RN-35, RN-7, Rural Road)	Road surveys	International Development Group, Inc. (MCC Independent Evaluator)	Other	Non-ITT indicator	This new indicator is inspired by the EDR and will be measured by the independent evaluator
Reduced travel time to bring output to market	R-17	Outcome	Travel time	Average amount of time it takes to travel a key route.	Minutes	Vehicle type (Non-motorized traffic, Motorcycles, Passenger cars, Light trucks, Medium/heavy trucks, Mini-buses, Heavy buses) Niger Road Sections (RN-35, RN-7, Rural Road)	Road survey reports	International Development Group, Inc. (MCC's Independent Evaluator)	Once	Non-ITT indicator	Often collected as part of an origin-destination survey. These are reported times, not the travel times modelled by HDM-4. Note the day of the week, time of day, and season, if relevant, of data collection.

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Improved road conditions	R-9	Outcome	International Roughness Index	The measure of the roughness of the road surface, in meters of height per kilometer of distance traveled.	Meters per kilometer	Niger Road Sections (RN-35, RN-7, Rural Road) Road class (Primary, Tertiary)	Final Evaluation Report	International Development Group, Inc. (MCC's Independent Evaluator)	Other	Non-ITT indicator	Note that this indicator is both a monitoring (output level) and evaluation (outcome level) indicator. The outcome level results will be published with the final evaluation report. The baselines and targets came from the HDM-4 model presented at the time of developing the Compact.
Roads improvements completed	R-8	Output	Kilometers of roads completed	The length of roads in kilometers (measured regardless of number of lanes) on which an MCC investment is complete (certificates handed over and approved).	Kilometers	Niger Road Sections (RN-35, RN-7, Rural Road) Investment Type (Rehabilitation) Road class (Primary, Tertiary)	Hand-over Certificates	PROGETTI	Quarterly	ITT indicator	
Roads improvements completed	R-15	Output	As-built drawings received	Date by which all as-built drawings have been received and saved by MCC.	Date	None	Hand-over Certificates	International Development Group, Inc. (MCC's Independent Evaluator)	Once	ITT indicator	Data will not be available until the very end of the Compact
Road maintenance regime is established & enforced		Output	Funding for GENiS maintenance contracts deposited in designated account	The total amount (in FCFA) deposited in the special account designated for the GENiS Maintenance Contracts for RN35 and RN7	CFA Francs	None	Supervisory Contractor's (PROGETTI) reports	PROGETTI	Quarterly	ITT indicator	
Road maintenance regime is established & enforced		Output	Value of equipment provided	The total value (in FCFA) of the maintenance equipment provided for the community-based maintenance scheme of the Sambera Rural Road	CFA Francs	Funding Source (Community-based, FER)	Ministry of Equipment's reports	PROGETTI	Annual	ITT indicator	.
Road maintenance regime is established & enforced		Output	Road maintenance reform adopted	The date the government adopts the road maintenance reform including: (i) the establishment of a Second Generation Road Maintenance Fund; (ii) a functional Road Maintenance Agency; (iii) an Independent Auditor for road maintenance funds; and (iv) a Plan acceptable to MCC for the community based maintenance regime for the Sambera Rural Road	Date	None	Government Decree/Ordinance	PROGETTI	Once	ITT indicator	
N/A (Process indicator)	R-7	Process	Temporary employment generated in road construction	The number of people temporarily employed or contracted by MCA-contracted construction companies to work on MCC roads investments.	Number	Sex (Male, Female)	Construction Contractor Quarterly Reports	PROGETTI	Quarterly	ITT indicator	
N/A (Process indicator)	R-12	Process	Vehicle operating cost files saved	Date by which the vehicle operating cost files have been received and saved by MCC	Date	None	Independent Evaluator's reports	International Development Group, Inc. (MCC's Independent Evaluator)	Once	ITT indicator	
Rehabilitate & develop the roads serving the perimeter	R-6	Process	Kilometers of roads under works contracts	The length of roads in kilometers (measured regardless of number of lanes) under works contracts for MCC roads investments.	Kilometers	Niger Road Sections (RN-35, RN-7, Rural Road) Investment Type (Rehabilitation) Road class (Primary, Tertiary)	Signed road construction contracts (SATOM-SOGEA)	MCA-Niger Road and Infrastructure Manager	Quarterly	ITT indicator	Contract also includes performance-based maintainance period of 36 months over the entire length of RN7, which totals 157km For RN35 the contract also includes the 36 months perf-based maintenance period over 187km Although works contracts include maintenance, this indicator does not include the maintenance component For RR, maintenance will be community-based Targets vary on the margins depending on the source documents. Only after the official hand-over will exact official road dimensions be determined

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Rehabilitate & develop the roads serving the perimeter	R-3	Process	Kilometers of roads under design	The length of roads in kilometers (measured regardless of number of lanes) under design contracts.	Kilometers	Niger Road Sections (RN-35, RN-7, Rural Road) Investment Type (Rehabilitation) Road class (Primary, Tertiary)	Signed road design contracts	MCA-Niger Road and Infrastructure Manager	Quarterly	ITT indicator	Contract also includes performance-based maintainance period of 36 months over the entire length of RN7, which totals 157km For RN35 the contract also includes the 36 months perf-based maintenance period over 187km Although works contracts include maintenance, this indicator does not include the maintenance component For RR, maintenance will be community-based Targets vary on the margins depending on the source documents. Only after the official hand-over will exact official road dimensions be determined
Promotion of policy reform for road maintenance		Process	The plan for sustainable road maintenance is approved by MCC	Date on which MCC approves the proposed Plan	Date	None	Approval documents	MCA-Niger Road and Infrastructure Manager	Once	ITT indicator	
RN-35 Sub-Activity											
Improved road conditions	R-9	Output	International Roughness Index	The measure of the roughness of the road surface, in meters of height per kilometer of distance traveled.	Meters per kilometer	Road class (Primary)	Supervisory Contractor's (PROGETTI) reports	PROGETTI	Once	ITT indicator	Note that this indicator is both a monitoring (output level) and evaluation (outcome level) indicator. This output level indicator is for the RN-35 road.
RN-7 Sub-Activity											
Improved road conditions	R-9	Output	International Roughness Index	The measure of the roughness of the road surface, in meters of height per kilometer of distance traveled.	Meters per kilometer	Road class (Primary)	Supervisory Contractor's (PROGETTI) reports	PROGETTI	Once	ITT indicator	Note that this indicator is both a monitoring (output level) and evaluation (outcome level) indicator. This output level indicator is for the RN-7 road.
Rural Road Sambera Sub-Activity											
Improved road conditions	R-9	Output	International Roughness Index	The measure of the roughness of the road surface, in meters of height per kilometer of distance traveled.	Meters per kilometer	Road class (Tertiary)	Supervisory Contractor's (PROGETTI) reports	PROGETTI	Once	ITT indicator	Note that this indicator is both a monitoring (output level) and evaluation (outcome level) indicator. This output level indicator is for the Sambera Rural Road.
Policy Reform Activity											
Fertilizer Distribution Reform Sub-Activity											
More efficient fertilizer procurement		Outcome	Agro-dealers with sufficient amounts of fertilizers before farming season	Total number of registered agro-dealers who have acquired needed amounts of fertilizers to meet the demand prior to the the farming season	Number	None	IFDC quarterly and annual reports (first) COTEN reports (later)	IFDC first COTEN later	Annual	ITT indicator	The policy reform includes moving CAIMA out of fertilizer import and distribution process, so farmers can buy directly from distributors COTEN is created to help facilitate this direct access to inputs by farmers (PROCUREMENT NO LONGER NEEDED)

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
More market based pricing		Outcome	Price comparison of fertilizers	Percent difference in fertilizer prices between Niger and regional average (including applicable taxes and tariffs) (Average fertilizer price in Niger - Average regional fertilizer price)/Average fertilizer price in Niger	Percentage	Type of Fertilizer (Urea, NPK, DAP)	IFDC quarterly and annual reports (first) COTEN reports (later)	MCA-Niger PR Manager	Annual	ITT indicator	
Needs-based subsidies (only to low-income farmers)		Outcome	E-voucher recipients	Number of farmers reached by the e-voucher system managed by COTEN and OMEN	Number	Sex (Male, Female)	IFDC quarterly and annual reports (first) COTEN reports (later)	IFDC first COTEN later	Quarterly	ITT indicator	"Farmers reached" means farmers who have received the e-vouchers through the program
Increased presence of input & output traders		Outcome	Number of registered traders	Total number of government-registered farming input and output traders, retailers and importers of all sizes (big, medium-size and small)	Number	Type of Trader (Government-registered fertilizer traders, Importers, Medium-size retailers, Small-size retailers)	IFDC quarterly and annual reports (first) COTEN reports (later)	IFDC first COTEN later	Annual	ITT indicator	
Greater number of small fertilizer vendors		Outcome	Quantity of fertilizers imported	Aggregate quantities of fertilizers imported by private sector actors, and which have entered the country through official entry points (custom posts, phytosanitary posts, etc.)	Tons	Type of Fertilizer (Urea, NPK, DAP)	IFDC quarterly and annual reports (first) COTEN reports (later)	IFDC first COTEN later	Annual	ITT indicator	The objective has been to increase the quantities.
Reforms are adopted, including an improved procurement system, reformed price-setting mechanism & policies for including small vendors		Output	Fertilizer distributors trained	Total number of officially registered fertilizer distributors providing direct inputs to farmers, and who have participated in at least the minimum required training sessions on the e-voucher mechanism and on improved management of input stocks Training modules include price-setting, market opportunities, distribution schedules	Number	Sex (Male, Female)	IFDC quarterly and annual reports (first) COTEN reports (later)	IFDC first COTEN later	Annual	ITT indicator	
Conduct a comparative study for reform options, choose appropriate reform options & develop reform; develop options to include small vendors & vulnerable farmers		Process	Comparative study completed	Date the final report is received and approved	Date	None	IFDC quarterly and annual reports (first) COTEN reports (later)	IFDC first COTEN later	Once	ITT indicator	

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Develop criteria for identifying vulnerable farmers		Process	Criteria developed	Date of approval of vulnerable farmer identification criteria	Date	None	IFDC quarterly and annual reports (first) COTEN reports (later)	IFDC first COTEN later	Once	ITT indicator	
N/A (Process indicator)		Process	Fertilizer sector reform approved	Date by which the fertilizer sector reform is approved by the government	Date	None	Government Decree/Ordinance	MCA-Niger PR Manager	Once	ITT indicator	
N/A (Process indicator)		Process	COTEN installed	Date of official COTEN installation COTEN is the new government agency in charge of regulating and overseeing fertilizer import and distribution	Date	None	Government Decree/Ordinance	MCA-Niger PR Manager	Once	ITT indicator	
N/A (Process indicator)		Process	OMEN installed	Date of official OMEN installation Along with COTEN, OMEN is the result of the new reform aimed at better regulation and oversight of the fertilizer market	Date	None	Government Decree/Ordinance	MCA-Niger PR Manager	Once	ITT indicator	
N/A (Process indicator)		Process	Decree/ordinance adoption of CAIMA	Date of Government's Decree or Ordinance officially adopting CAIMA reform approach	Date	None	Government Decree/Ordinance	MCA-Niger PR Manager	Once	ITT indicator	CAIMA was the previous regulatory agency in charge of regulating and overseeing fertilizer imports and distribution. As a result of the policy reform, CAIMA has eventually been replaced by COTEN in that role
Statistical Capacity Development Sub-Activity											
Data management system is up-to-date		Outcome	Entry frequency	Frequency of data entry and data updating in the data management system	TBD	None	Admin data and KII survey reports	Mathematica (MCC's Independent Evaluator)	Other	Non-ITT indicator	This is a new indicator
Data producers apply improved skills in data analysis		Outcome	Improved data analysis	Percent of data analysis in line with training curriculum prepared by trainers and approved by MCC	Percentage	None	Training materials, Admin data and KII survey reports	Mathematica (MCC's Independent Evaluator)	Other	Non-ITT indicator	This is a new indicator
Data is more reliable and of sound quality		Outcome	Improved data quality and relevance	Percent of data in the data management system that are used to inform policymaking	Percentage	None	Admin data and KII survey reports	Mathematica (MCC's Independent Evaluator)	Other	Non-ITT indicator	This is a new indicator
Political decision makers apply quality and up-to-date data in their analysis		Outcome	Increased data-informed policies	Percent of policymakers who have incorporated data or based their policy on information produced by the data management system	Percentage	None	Survey reports KII reports	Mathematica (MCC's Independent Evaluator)	Other	Non-ITT indicator	This is a new indicator
Decision makers understand data usefulness and usage		Outcome	Decision makers with data usefulness and usage training	Number of decision makers (policymakers of various levels and sectors) who have attended and completed the minimum required trainings in data usefulness and usage	Number	Sex (Male, Female)	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Annual	ITT indicator	
Data management system is functional and open to the public		Outcome	Public access granted	Date on which the data management system is officially open to public	Date	None	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Once	ITT indicator	
Data auditing system is functional		Outcome	First audit report submitted	Date of submission of the first audit report drawn from the Program-funded audit system	Date	None	Auditor Deliverable	GOPA, MCA-Niger PR Manager	Once	ITT indicator	
Create or update data management system		Output	Data management system is created	Date on which the data management system becomes operational (running)	Date	None	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Once	ITT indicator	
Application (or implementation) of the law on Open Data		Output	Open Data law implemented	Date of decree formally applying the Open Data law	Date	None	Government decree	GOPA, MCA-Niger PR Manager	Once	ITT indicator	

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Adaptive management protocol developed		Output	Adaptive management protocol approved	Date of formal approval (by MCA-Niger) of the adaptive management protocol	Date	None	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Once	ITT indicator	
Train data producers on data quality		Output	Data producers trained	Total number of data producers who have attended minimum required training sessions/modules on data collection (proposed by GOPA and approved by MCA-Niger), data handling and data quality protocols	Number	Sex (Male, Female)	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Quarterly	ITT indicator	
Establish an audit system for SSN data		Output	Audit system established	Date on which the SSN data audit system becomes operational	Date	None	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Once	ITT indicator	
Train auditors in SSN data		Output	Auditors trained	Total number of auditors who have attended minimum required training sessions/modules on SSN data, as proposed by GOPA and approved by MCA-Niger	Number	Sex (Male, Female)	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Quarterly	ITT indicator	
N/A (Process indicator)		Process	Needs assessments for statistical capacity	Date of completion of needs assessments for statistical capacity within participating entities and agencies	Date	None	GOPA quarterly and annual reports	GOPA, MCA-Niger PR Manager	Once	ITT indicator	
Climate-Resilient Communities Project											
Climate-Resilient Agriculture Activity											
ICRIPs Sub-Activity											
Producers and herders have improved access to more productive land & better integration between agriculture and livestock	AI-12	Outcome	Hectares under improved practices as a result of training	The number of hectares on which farmers are applying new production or managerial techniques introduced or supported by MCC, such as input use, production techniques, irrigation practices, post-harvest treatment, farm management techniques, or marketing strategies.	Hectares	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	CRA Activity Reports	Local NGO Consortium including Appui au Developpement Local (ADL), Contribution au Développement Rural (CDR), Réseau d'Appui aux Initiatives Locales (CADEL), etc.	Quarterly	ITT indicator	This indicator refers to the number of hectares on which farmers, or trainees of ACAP and CEP, are applying the improved practices and techniques learned in the training to their home farms. It should be noted that this is separate to the restoration of pastoral (community or public) land, which is carried out by NGOs. While some techniques such as demi-lunes (half moons) are common between both, the lands are separate. No target was set for this indicator.
Producers have reliable access to water for agriculture production especially in the dry season		Outcome	Communes with increased access to water for irrigation	Number of communes with irrigation systems built or rehabilitated by the program	Number	None	Irrigation contractors	FORANI (Forage du Niger) / SAB (Sidi Ahmed Bilid)	Annual	ITT indicator	This indicator was established to inform progress on the small-scale irrigation part of the ICRIPs sub-activity. As of July 2023, works had not yet started. Due to the political situation, works will not go forward and this indicator will not be informed.

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Producers & herders trained in sustainable land management	AI-6	Output	Farmers trained	The number of primary sector producers (farmers, ranchers, fishermen, and other primary sector producers) receiving technical assistance or participating in a training session (on improved production techniques and technologies, including post-harvest interventions, developing business, financial, or marketing planning, accessing credit or finance, or accessing input and output markets).	Number	Sex (Male, Female) Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	Final Annual Report on Training and Capacity Building of Local Actors	Local NGO consortium: ADL / CDR / CADEL, etc.	Annual	ITT indicator	This indicator captures the number of farmers trained under the programs ACAP (Appui Conseil Agricole Pluviale) and CEP (Champ Ecole des Producteurs). The ACAP training is a practical application-based farmer training on techniques to be applied during rainy season, including composting, conservation, fertilizer, bio pesticide, land preparation, and seeding and sowing techniques. The CEP training is a theoretical, classroom based training that covers techniques applicable in both the rainy and dry season. It should be noted, there is overlap between these two groups and double counting cannot be avoided. The M&E team has decided to assume total overlap between the two groups in estimating the total number. As a result, the figure will be underestimated. It should also be noted that the land on which farmers are applying these improved techniques is separate to the land on which NGOs are applying large-scale restorative technique (captured in the indicator "Hectares of degraded land under restorative techniques").
Degraded soils are restored, trees and shrubs planted, and invasive plants are removed & increased access to livestock by women		Output	Hectares of degraded land under restorative techniques	The number of hectares on which restorative techniques such as the creation of demi-lunes (half moons), the placement of stone bunds, and the removal of invasive plants such that healthy forage can grow, have been applied.	Hectares	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	CRA Activity Reports	Local NGO consortium: ADL / CDR / CADEL, etc.	Quarterly	ITT indicator	The restorative techniques applied to this land are carried out by the NGO consortium, not by individual farmers as a result of the farmer training (ACAP, CEP).
Degraded soils are restored, trees and shrubs planted, and invasive plants are removed & increased access to livestock by women		Output	Kit recipients	Total number of animal kit recipients under the access to livestock activities	Number	Sex (Male, Female) Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	CRA Activity Reports	Local NGO consortium: ADL / CDR / CADEL, etc.	Quarterly	ITT indicator	Each kit contains four goats: three female and one male.
Land resources are sustainably managed by the communities	L-3	Output	Stakeholders trained	The number of public officials, traditional authorities, project beneficiaries and representatives of the private sector, receiving formal on-the-job land training or technical assistance regarding registration, surveying, conflict resolution, land allocation, land use planning, land legislation, land management or new technologies.	Number	Sex (Male, Female) Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	CDR training participant lists	MCA Land / CDR	Other	ITT indicator	The Stakeholders counted under this indicator consist of members of local governance structures, such as mayors, technical agents from town halls, and other civil servants. These actors play a key role in the formalization of land rights, and the training topics covered in the modules are dedicated to this end. They include computer tools, GPS, cartographic production, and archiving. Such topics are essential for ensuring land tenure security for sites and promoting good land governance in municipalities. Training does not take place on a consistent basis, therefore data on this indicator is not available at regular intervals. Additionally, it should be noted that this result statement is an outcome in the logic, but the indicator is reported here as an output to comply with the Common Indicator Guidance.
Small scale irrigation is developed		Output	Hectares of land under irrigation	Number of hectares covered by small scale irrigation systems developed through Sub ICRIPs	Hectares	None	Reports from irrigation contractors	FORANI (Forage du Niger) / SAB (Sidi Ahmed Bilid)	Quarterly	ITT indicator	This indicator was established to inform progress on the small-scale irrigation part of the ICRIPs sub-activity. As of July 2023, works had not yet started. Due to the political situation, works will not go forward and this indicator will not be informed.
Community-based management committees are formed to sustainably manage land use		Output	Management committees formed	Number of community-based management committees formed to ensure sustainable land management in their communes	Number	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	CRA Activity Reports	Local NGO consortium: ADL / CDR / CADEL, etc.	Quarterly	ITT indicator	There are 3 types of committees: 1. Comité Villageoise de Développement (Village Development Committees), 2. Comité de Gestion (Management Committees), and Comité de plaints (Complaints committees). While each has a slightly different role, their primary responsibilities include deciding who will work on the land (i.e. preventing elderly/young/pregnant people from working), allocating work equipment, and managing complaints. No target was officially set for this indicator.

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
ICRIPs are developed through consultation, validated by commune government and approved by MCC		Process	Sub-ICRIPs funded	Total number of sub-ICRIPs approved and financed by MCA	Number	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	Sub-ICRIPs Concept Notes	CRA Manager	Annual	ITT indicator	Each of the 16 CRA communes will have one ICRIP, which will be composed of multiple financing investments, referred to as sub-ICRIPs. There is no limit on the number of sub-ICRIPs that may be included in an ICRIP; however, the total budgeted estimate of all sub-ICRIPs within an ICRIP should not exceed $2 million. No official target was set for this indicator.
ICRIPs are developed through consultation, validated by commune government and approved by MCC		Process	Communes with all design and feasibility studies for sub-ICRIPs completed	The number of communes that have completed all design and feasibility studies of potential sub-ICRIPs	Number	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	Implementing Entity Agreement between MCA and individual communes	CRA Manager	Annual	ITT indicator	
Grants Facility Sub-Activity											
Additional funds leveraged		Outcome	Amount leveraged (co-financing)	Total value of grantee cash and/or in-kind contributions, grants, and/or loans received and counted as co-financing contribution by participating grantee types	US Dollars	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups) Project Category (Rain fed production, Small scale irrigation, Livestock integration, Agro-processing, Input delivery)	USADF status reports	USADF	Quarterly	ITT indicator	This refers to contributions made by the grantee him/herself. Some contribute 5-25% according to USADF.
Additional funds leveraged		Outcome	Additional and / or follow-on funding leveraged	Total value of additional funding obtained by Grantees to expand project and/or operations and committed by End of Compact. Additional funding is funding outside CRA grant commitments; can be obtained during implementation or post completion	US Dollars	None	USADF status reports	USADF	Quarterly	ITT indicator	This refers to funding grantees receive from private institutions.
Grantees apply improved business management skills		Outcome	Business revenue generated	The total value of business revenue generated from sales by grantees	US Dollars	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups) Project Category (Rain fed production, Small scale irrigation, Livestock integration, Agro-processing, Input delivery)	USADF status reports	USADF	Quarterly	ITT indicator	
Improved access to finances for grantees		Outcome	Number of CRA Facility grants completed	Total number of completed projects funded by CRA Grants Facility (i.e. grants have completed all activities described in grant agreement and closed out)	Number	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups)	USADF status reports	USADF	Quarterly	ITT indicator	
Increased investments in productive assets (inputs, technologies, equipment)		Output	Storage facilities built or expanded	Total number of storage facilities built and/or expanded and operational as result of CRA grant	Number	None	USADF status reports	USADF	Quarterly	ITT indicator	

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Increased investments in productive assets (inputs, technologies, equipment)		Output	Storage capacity added	Total capacity of storage facilities built and/or expanded and operational as a result of CRA grant	Cubic meters	None	USADF status reports	USADF	Quarterly	ITT indicator	
Increased investments in productive assets (inputs, technologies, equipment)		Output	Animals fattened	Total number of fattened animals sold through interventions funded by a CRA grant	Number	None	USADF status reports	USADF	Quarterly	ITT indicator	
Grants and BDS are provided		Output	Number of grant agreements signed	Total number of grant facility projects funded via grant agreements with business development services (BDS) support, such as training.	Number	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups)	USADF status reports	USADF	Quarterly	ITT indicator	
Grants and BDS are provided		Output	Value of grant agreements signed	Total value of grant facility projects funded via grant agreements with business development services BDS support, such as training.	US Dollars	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups)	USADF status reports	USADF	Quarterly	ITT indicator	
Grants and BDS are provided		Output	Amount disbursed	Total amount disbursed to grantee beneficiaries through the Grants Facility	US Dollars	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups)	USADF status reports	USADF	Quarterly	ITT indicator	
Grants and BDS are provided		Output	Amount disbursed for technical support	Total amount disbursed for grantees' technical support and training	US Dollars	None	USADF status reports	USADF	Quarterly	ITT indicator	Technical support from the CPC (Country Program Coordinator) and the technical partner ADLI.
Grants and BDS are provided		Output	People associated with all grants	Total number of individuals receiving direct benefits from grantee's organization (i.e. producers, input buyers, employees, people receiving services)	Number	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups) Sex (Male, Female)	USADF status reports	USADF	Quarterly	ITT indicator	
Grants facility is established		Output	Grant Facility is established and functional	Date of establishment and launching of the Facility	Date	None	Signed agreement	MCA-Niger CRA Manager	Once	ITT indicator	
Grantees acquire improved business management skills		Output	Grantees trained	Total number of individual grantee members trained in improved business management practices	Number	None	USADF status reports	USADF	Once	ITT indicator	Trainees can be employees of grantee or members of the organization. Training topics can include financial management, marketing, inventory & working capital, and book-keeping. Due to the fact that this indicator was not tracked cumulatively, a one-time total will be taken during the final reporting period.
N/A (Process indicator)		Process	Applications received by Grant Facility	Total number of grant applications received	Number	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups)	USADF status reports	USADF	Quarterly	ITT indicator	The USADF Grants Facility Manual provided a total target of 200 applications received for both Rounds of the Grants Facility. However, during the drafting of the M&E Plan revision, the first round of applications were closed and 573 applications were received. Thus, the Sector Lead provided a new target to take into account the more than expected number of applications in the first round.
N/A (Process indicator)		Process	Applicants shortlisted for proposal development	Total number of grant applications selected for proposal development	Number	Grantee Types (MSMEs, Cooperatives, Women and Youth Groups)	USADF status reports	USADF	Quarterly	ITT indicator	
N/A (Process indicator)		Process	Outreach campaigns for CRA Grants - Round 1	Date of completion of outreach campaigns	Date	None	Campaign reports	MCA-Niger (CRA Manager)	Once	ITT indicator	
N/A (Process indicator)		Process	Outreach campaigns for CRA Grants - Round 2	Date of completion of outreach campaigns	Date	None	Campaign reports	MCA-Niger (CRA Manager)	Once	ITT indicator	

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
N/A (Process indicator)		Process	Grant Manager hired	Date of Grant Manager's contract signing	Date	None	Contract documents	MCA-Niger (CRA Manager)	Once	ITT indicator	
Regional Sahel Pastoralism Support Activity											
Animal Health Sub-Activity											
Lower animal mortality and morbidity		Outcome	Livestock mortality rate	Decreased rate of death from Peste des Petits Ruminants (PPR) and Contagious Bovine Pleuropneumonia (CBPP) among livestock	Percentage	Type of Animal (Cattle, Sheep, Goat)	Survey with pastoralists	A2F Consulting (Independent Evaluator)	Once	Non-ITT indicator	A baseline survey was conducted in early 2021. This was not a true baseline as several years of the Compact had already been completed. Mortality rates are reported here for January-March 2021. Mortality is calculated as: death occurring during a specific time period / size of the population among which the death occurred * 100. It should be noted that the target values represent a targeted decrease from the existing baseline values. For example, a target decrease in mortality of 27.43% for cattle from the existing 0.4% would result in: 0.2743 * 0.004 = 0.0011 or 0.11%.
Lower animal mortality and morbidity		Outcome	Livestock morbidity rate	Decreased rate of disease from Peste des Petits Ruminants (PPR) and Contagious Bovine Pleuropneumonia (CBPP) among livestock	Percentage	Type of Animal (Cattle, Sheep, Goat)	Survey with pastoralists	A2F Consulting (Independent Evaluator)	Once	Non-ITT indicator	A baseline survey was conducted in early 2021. This was not a true baseline as several years of the Compact had already been completed. Morbidity rates are reported here for January-March 2021. Morbidity is calculated as: prevalence of disease during a specific time period / size of the population * 100. It should be noted that the target values represent a targeted decrease from the existing baseline values. For example, a target decrease in morbidity of 27.43% for cattle from the existing 1.45% would result in: 0.2743 * 0.004 = 0.0039 or 0.39%.
Improved animal health for bovines and small ruminants		Outcome	Prevalence of CBPP	Prevalence of Contagious Bovine Pleuropneumonia (CBPP), defined as the number of cases of CBPP detected divided by the total number of bovine, as identified in the animal census.	Percentage	None	Specially requested progress report on the CBPP/PPR prevalence situation, signed by the General Manager of Veterinary Services, Ministry of Livestock	Ministry of Livestock; General Directorate of Veterinary Services	Annual	ITT indicator	This is done on a sample of animals
Improved animal health for bovines and small ruminants		Outcome	Prevalence of PPR	Prevalance of Peste des Petits Ruminants (PPR), defined as the number of cases of PPR detected divided by the total number of small ruminants (sheep, goat) as identified in the animal census.	Percentage	None	Specially requested progress report on the CBPP/PPR prevalence situation, signed by the General Manager of Veterinary Services, Ministry of Livestock	Ministry of Livestock; General Directorate of Veterinary Services	Annual	ITT indicator	This is done on a sample of animals
Animal diseases control and surveillance system is supported		Output	Vaccination coverage	Number of animals vaccinated against CBPP and PPR divided by total number of animals in each category (bovine for CBPP and small ruminants for PPR).	Percentage	Disease (CBPP, PPR)	Ministry of Livestock Annual Vaccination Campaign Report	Ministry of Livestock; General Directorate of Veterinary Services	Annual	ITT indicator	A vaccination target of 80% is generally understood to be the threshold for achieving herd immunity
Veterinary capacities strengthened		Output	Veterinarians who complete training or re-training	Number of veterinarians who complete training or re-training	Number	Sex (Male, Female)	Local Private Veterinary Services (SVPP) report	Group of Vétérinaires Sans Frontières Belgium (VSF-B) and NGO Karkara	Once	ITT indicator	This training is designed for veterinarians who have recently completed formal studies but who do not yet have practical experience. The training includes modules on planning, organizing vaccine campaigns, management tools (software, accounting), basic surgical systems, tracking disease outbreaks, gender inclusion and social protection, and waste management.

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Veterinary capacities strengthened		Output	Auxiliares d'elevage (AEs) who complete training or re-training	Number of Auxiliares d'elevage (AEs) who complete training or re-training	Number	Sex (Male, Female)	Local Private Veterinary Services (SVPP) report	Group of Vétérinaires Sans Frontières Belgium (VSF-B) and NGO Karkara	Once	ITT indicator	AEs are veterinary personnel who provide support to the head veterinarian. Some examples of training topics include basic animal health and parasites.
Veterinary capacities strengthened		Output	Private veterinarians selected	Number of private veterinarians selected to provide veterinary services to the PRAPS communes.	Number	Sex (Male, Female)	Local Private Veterinary Services (SVPP) report	Group of Vétérinaires Sans Frontières Belgium (VSF-B) and NGO Karkara	Once	ITT indicator	Veterinarians will support the vaccination campaign and offer proximity services to the local communes
Veterinary capacities strengthened		Output	Auxiliares d'elevage (AEs) selected	Number of auxiliares d'elevage (AEs) selected to provide support for the private veterinarians in the veterinary clinics	Number	Sex (Male, Female)	Local Private Veterinary Services (SVPP) report	Group of Vétérinaires Sans Frontières Belgium (VSF-B) and NGO Karkara	Once	ITT indicator	
Corridor Improvement Sub-Activity											
Communes apply improved management of public natural resources & land tenure security		Outcome	Communes with social accords	Number of communes that have finalized social accords for pasture land security. Pasture land security refers to the management of tensions between land users to ensure that farmers are not encroaching on transhumance corridors and that all relevant parties in the commune commit to the sharing of public land.	Number	None	Implementing Entity Agreement between MCA and individual communes	MCA-Niger PRAPS Team	Quarterly	ITT indicator	This is all PRAPS communes except one, Torodi (in the region of Tillabery), because of the security situation. The signing of the social accord ensures a level of agreement on land use and land sharing that will manage tensions between various groups of land users.
Communes apply improved management of public natural resources & land tenure security		Outcome	Hectares of degraded land along the corridors under restorative techniques	The number of hectares along the planned corridors on which restorative techniques such as the creation of demi-lunes (half moons), the placement of stone bunds, and the removal of invasive plants have been applied.	Hectares	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	PRAPS Activity Reports	Local NGO consortium: ADL / CDR / CADEL, etc.	Quarterly	ITT indicator	
Increased access to public grazing land and drinking water points for herders		Outcome	Distance between functional water points	Average distance between functional water points that are accessible to pastoralists and agro-pastoralists in targeted areas	Kilometers	None	Report from selected contractor	Selected contractor (as of July 2023, a firm had been selected but not disclosed)	Annual	ITT indicator	As of July 2023, the firm for this activity had been selected but not yet disclosed. The primary data source, responsible party, and frequency of reporting remained unknown at this time. The political situation in Niger as of late July prevented this activity from going forward, and as a result, no data was collected on this indicator.
Water source and corridor infrastructure is constructed or rehabilitated		Output	Length of corridors	The length of transhumance pathways (pathways by which livestock move between grazing areas) constructed or rehabilitated	Kilometers	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	Consortium reports	Agesi Geo Consulting, Issa et Fils	Quarterly	ITT indicator	One corridor will go between Dosso and Tillabery (176.5 km will be in Tillabery, and 271.3 km will be in Dosso). Another corridor will be entirely in Dosso(185.6 km).
Water source and corridor infrastructure is constructed or rehabilitated		Output	Water sources constructed or rehabilitated	Total number of water sources constructed or rehabilitated for animal consumption	Number	None	Report from selected contractor	Selected contractor (as of July 2023, a firm had been selected but not disclosed).	Annual	ITT indicator	As of July 2023, the firm for this activity had been selected but not yet disclosed. The primary data source, responsible party, and frequency of reporting remained unknown at this time. The political situation in Niger as of late July prevented this activity from going forward, and as a result, no data was collected on this indicator.
Rangeland management capacities strengthened (Ops, national & local gov't entities)		Output	Members of management committees trained	Number of Management Committee members trained in land management, natural resource development and management along the corridors.	Number	Sex (Male, Female)	PRAPS Activity Reports	Local NGO consortium: ADL / CDR / CADEL, etc.	Quarterly	ITT indicator	

Project Logic Result	CI Code	Indicator Level	Indicator Name	Definition	Unit of Measure	Disaggregation Type	Primary Data Source	Responsible Party	Frequency of Reporting	Indicator Type	Additional Information
Market Infrastructure Sub-Activity											
Improved market conditions for herders		Outcome	Animals sold	Number of animals sold in new and rehabilitated markets	Number	Type of Animal (Cattle, Sheep, Goat)	Ministry of Livestock report	Ministry of Livestock; Directorate of Statistics (Information System on Cattle Markets / SIM Betail)	Annual	ITT indicator	Refers to markets which were constructed and/or rehabilitated by the project. Due to delays in contractor procurement, and as a result, market construction, M&E is unable to report this data in the Compact's lifespan. As of Summer 2023, construction had just begun. No target was set for this indicator.
Improved market conditions for herders		Outcome	Animals presented for sale	Number of animals presented for sale each year on the constructed or rehabilitated markets	Number	Type of Animal (Cattle, Sheep, Goat)	Ministry of Livestock report	Ministry of Livestock; Directorate of Statistics (Information System on Cattle Markets / SIM Betail)	Annual	ITT indicator	Refers to markets which were constructed and/or rehabilitated by the project. Due to delays in contractor procurement, and as a result, market construction, M&E is unable to report this data in the Compact's lifespan. As of Summer 2023, construction had just begun. No target was set for this indicator.
Livestock market infrastructure constructed or rehabilitated		Output	Markets built or rehabilitated	Number of markets built or rehabilitated as part of Compact investments and according to approved plan	Number	Niger Region (Dosso, Tillaberi, Maradi, Tahoua)	Bureau de controle (Office of Control) reports for each of the sites at end of Compact	4 firms will complete this work across the 4 regions: 1. Consortium of GeoConsulting, Agesi, Betifor, Sigmatech, 2. Consortium of BNIC/E.service, 3. AJECRO, 4. Becexpi.	Quarterly	ITT indicator	Specific activities will include modernizing the markets by building new offices and fences, adding shops, boreholds, vaccination corridors, and building enclosed spaces where animals can be held.

Annex II: Table of Indicator Baselines and Targets

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Irrigation and Market Access Project														
Irrigation Perimeter Development Activity														
Outcome	*Gross agricultural income per hectare*	CFA Francs	Level	316,656 (2018)					2,420,474	2,420,474	2,502,761 (2025; Compact Year 8)	Calculated from CBA benefit stream	CBA benefit stream report	CBA benefit stream report
	Konni			238,363 (2018)					2,790,770	2,790,770	3,644,437 (2025; Compact Year 8)			
	SK2			544,631 (2018)					993,287	993,287	3,018,666 (2025; Compact Year 8)			
Outcome	*Average annual crop yield per hectare*	Kilograms	Level									Calculated from CBA benefit stream	CBA benefit stream report	CBA benefit stream report
	Sorghum			1,569 (2018)										
	Sorghum- Konni									2,000	2,000 (2025; Compact Year 8)			
	Sognhum- SK2									2,800	2,800 (2025; Compact Year 8)			
	Millet			394 (2018)							1,124 (2025; Compact Year 8)			
	Millet- Konni									1,500	1,500 (2025; Compact Year 8)			
	Millet- SK2									1,500	1,500 (2025; Compact Year 8)			
	Cowpea(Niebe)			346 (2018)							1,172 (2025; Compact Year 8)			
	Cowpea(Niebe)- Konni									1,000	1,000 (2025; Compact Year 8)			
	Cowpea(Niebe)- SK2									1,000	1,000 (2025; Compact Year 8)			

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Crops traded*	CFA Francs	Level									Not informed by CBA	N/A	N/A
	Sorghum													
	Millet													
	Cowpea(Niebe)													
Outcome	*Abbreviated Women's Empowerment in Agriculture Index*	TBD	Level	0.72 (2016)								Not informed by CBA	International Food Policy Research Institute (IFPRI) and Millennium Challenge Corporation (MCC) Niger WEAI 2 Descriptive report	N/A
Outcome	*Hectares irrigated*	Number	Cumulative	1,591 (2018)								Calculated from CBA benefit stream	Total: 1,591 CBA benefit stream report Konni Rainy: 1,072 NORDA pg 43 Konni Dry: 519 ERR V154	Konni Rainy: Year 6 - 2,439 ERR AD125 Year 8 - 2,452 ERR AG 125 & NORDA pg 44 Konni Dry: Year 6 - 1,090 ERR AD155 Year 8 - 1,226 ERR AG155 & NORDA pg 52 SK2: HYDROBAT-FORANI Contract, P. 117
	Rainy season													
	Rainy season- Konni			1,072 (2018)						2,439	2,452 (2025; Compact Year 8)			
	Rainy season- SK2			0 (2018)						173	173 (2025; Compact Year 8)			
	Dry season													
	Dry season- Konni			519 (2018)						1,090	1,226 (2025; Compact Year 8)			
	Dry season- SK2			0 (2018)						173	173 (2025; Compact Year 8)			
Outcome	*Perception of quality of water service by water users*	Percentage	Level									Not informed by CBA	N/A	N/A
	Male													
	Female													
Outcome	*Percent cropping shift*	Percentage	Level									Not informed by CBA	N/A	N/A
	Konni													
	SK2													

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Output	*Hectares under improved irrigation*	Hectares	Cumulative	0 (2018)			1,702	2,452	2,625	2,625		Not informed by CBA	N/A	Konni (original Compact Agreement document) SK2 (Compact modification document, i.e., descoping)
	Konni			0 (2018)			1,702	2,452	2,452	2,452				
	SK2			0 (2018)					173	173				
Output	*Construction and rehabilitation completed-Konni*	Date	Date						19-Dec-22			Not informed by CBA	N/A	Contractor TOR
Output	*Construction and rehabilitation completed-SK2*	Date	Date							30-Nov-23		Not informed by CBA	N/A	Contractor TOR
Process	*Temporary employment generated in irrigation*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	MCC does not set targets for temporary employment.
	Male			0 (2018)										
	Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										
Management Services and Market Facilitation Activity														
Land Tenure Security Sub-Activity														
Outcome	*Lands formalized*	Percentage	Level	0 (2018)								Not informed by CBA	N/A	N/A
	Konni			0 (2018)										
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	Konni- Joint			0 (2018)										
	SK2			0 (2018)										
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	SK2- Joint			0 (2018)										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Participants with access to irrigated land*	Number	Cumulative	0 (2018)				991	2,606	2,606		Not informed by CBA	N/A	MSA and SONED contract reports
	Konni			0 (2018)				991	2,606	2,606				
	Konni- Male			0 (2018)				932	2,465	2,465				
	Konni- Female			0 (2018)				59	141	141				
	SK2			0 (2018)										
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
Output	*Land rights formalized*	Number	Cumulative	0 (2018)				4,925	5,499	5,499		Not informed by CBA	N/A	SONED Report December 2022 (SK2) MSA (Konni)
	Konni			0 (2018)				4,925	4,925	4,925				
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)					574	574				
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	Rural			0 (2018)				4,925	5,499	5,499				
Output	*Perimeters registered*	Number	Cumulative	0 (2018)			1	1	1	1		Not informed by CBA	N/A	There will be 1 title for Konni. There will not be a title in Sia Kouanza
	Konni			0 (2018)			1	1	1	1				
	SK2			0 (2018)										
Output	*Communes formally adopting land allocation principles and criteria*	Number	Cumulative	0 (2018)		2	2	2	2	2		Not informed by CBA	N/A	MSA reports
Output	*Parcels corrected or incorporated in land system*	Parcels	Cumulative	0 (2018)		3,400	4,925	4,925	5,499	5,499		Not informed by CBA	N/A	SONED Report December 2022 (SK2) MSA reports (Konni)
	Konni			0 (2018)		3,400	4,925	4,925	4,925	4,925				
	SK2			0 (2018)					574	574				
	Rural			0 (2018)		3,400	4,925	4,925	5,499	5,499				
Output	*Stakeholders trained*	Number	Cumulative	0 (2018)	105	105	105	105	105	105		Not informed by CBA	N/A	Training Consultant TOR
	Male			0 (2018)										
	Female			0 (2018)										
Output	*COFOCOM officials that receive training and resources support*	Number	Cumulative	0 (2018)	5	5	5	5	5	5		Not informed by CBA	N/A	See "restitution 10 dec 2018, slides 7 + 8:" Training must occur before the Land Tenure Activity can be operational.

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Sustainable Management of Irrigation Systems Sub-Activity														
Outcome	*iWUA management perceives that ONAHA has technical capacity to support them in the management of the system*	Percentage	Level									Not informed by CBA	N/A	N/A
Outcome	*iWUAs that self-finance with fees covering assigned operations, maintenance, and rehabilitation*	Number	Level	0 (2018)				1	1	1		Not informed by CBA	N/A	CACG's contract TOR
Outcome	*Rate of collection of water fees*	Percentage	Level	0 (2018)				80	100	100		Not informed by CBA	N/A	CACG's contract TOR
Outcome	*iWUAs prepare financial reports and annual budgets*	Number	Cumulative	0 (2018)				1	2	2		Not informed by CBA	N/A	CACG's contract TOR
Output	*iWUAs created*	Number	Cumulative	0 (2018)			1	1	1	1		Not informed by CBA	N/A	Compact Project description
Output	*iWUA management trained*	Number	Cumulative	0 (2018)			12	12	12	12		Not informed by CBA	N/A	Compact Project description
Output	*The roles of the technical directors are modified for ONAHA to become supervisors of the irrigation water user associations' performance management*	Date	Date									Not informed by CBA	N/A	N/A

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Agricultural Support Services Sub-Activity														
Outcome	*Farmers who have applied improved practices as a result of training*	Number	Cumulative	0 (2018)					1,450	1,450	1,450 (2025; Compact Year 8)	Calculated from CBA benefit stream	N/A	Agriculture Support Services Contract TOR page 136. There aren't any targets by gender or age.
	Male			0 (2018)										
	Female			0 (2018)										
	Konni			0 (2018)					1,450	1,450	1,450 (2025; Compact Year 8)			
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)										
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Hectares under improved practices as a result of training*	Hectares	Cumulative	0 (2018)				991.63	2,614.82	2,614.82	2,614.82 (2025; Compact Year 8)	Calculated from CBA benefit stream	N/A	CoWater Contract TOR
	Konni			0 (2018)				991.63	2,614.82	2,614.82	2,614.82 (2025; Compact Year 8)			
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	Konni- Joint			0 (2018)										
	SK2			0 (2018)										
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	SK2- Joint			0 (2018)										
Outcome	*Enterprises that have applied improved techniques*	Number	Cumulative	0 (2018)								Calculated from CBA benefit stream	N/A	Targets should be set through a revised CBA. Dearth of field data rendered it difficult to set targets
	Male			0 (2018)										
	Female			0 (2018)										
	Konni			0 (2018)										
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	Konni- Joint			0 (2018)										
	SK2			0 (2018)										
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	SK2- Joint			0 (2018)										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Cooperatives providing key services to membership*	Percentage	Level	0 (2018)				60	60	60	60 (2025; Compact Year 8)	Not informed by CBA	N/A	Agricultural Support Services TOR pg 135
Outcome	*Trained participants who pass the literacy test*	Number	Cumulative	0 (2018)					4,250	4,250	4,250 (2025; Compact Year 8)	Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)					2,750	2,750	2,750 (2025; Compact Year 8)			
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)					1,500	1,500	1,500 (2025; Compact Year 8)			
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Farmers with proven skills in improved production technologies and practices*	Number	Cumulative	0 (2018)				2,350	2,350	2,350	2,350 (2025; Compact Year 8)	Calculated from CBA benefit stream	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				1,450	1,450	1,450	1,450 (2025; Compact Year 8)			
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)				900	900	900	900 (2025; Compact Year 8)			
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Participants with access to credit*	Number	Cumulative	0 (2018)				1,125	1,125	1,125	1,125 (2025; Compact Year 8)	Calculated from CBA benefit stream	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				1,000	1,000	1,000	1,000 (2025; Compact Year 8)			
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)				125	125	125	125 (2025; Compact Year 8)			
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										
Outcome	*Share of women and youth in group memberships*	Percentage	Level	0 (2018)				30	30	30	30 (2025; Compact Year 8)	Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				30	30	30	30 (2025; Compact Year 8)			
	SK2			0 (2018)				30	30	30	30 (2025; Compact Year 8)			

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Farmers with proven natural resource management skills*	Number	Cumulative	0 (2018)				265	265	265	265 (2025; Compact Year 8)	Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				153	153	153	153 (2025; Compact Year 8)			
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)				112	112	112	112 (2025; Compact Year 8)			
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										
Outcome	*Savings and loans groups that have achieved maturity and graduated from the program*	Number	Cumulative	0 (2018)				90	90	90	90 (2025; Compact Year 8)	Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				80	80	80	80 (2025; Compact Year 8)			
	SK2			0 (2018)				10	10	10	10 (2025; Compact Year 8)			
Output	*Cooperatives trained*	Number	Cumulative	0 (2018)				70	70	70		Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				48	48	48				
	SK2			0 (2018)				22	22	22				

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Output	*Producers trained in numeracy, literacy, hygiene and nutrition*	Number	Cumulative	0 (2018)				8,500	8,500	8,500		Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				5,500	5,500	5,500				
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)				3,000	3,000	3,000				
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										
Output	*Agriculture stakeholders trained*	Number	Cumulative	0 (2018)				24	24	24		Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				12	12	12				
	SK2			0 (2018)				12	12	12				
Output	*Farmers trained*	Number	Cumulative	0 (2018)		1,400	3,050	7,834	7,834	7,834		Not informed by CBA	N/A	Agricultural Support Services TOR pg 133,135
	Male			0 (2018)										
	Female			0 (2018)										
	Konni			0 (2018)		1,400	3,050	4,834	4,834	4,834				
	Konni- Male			0 (2018)										
	Konni- Female			0 (2018)										
	SK2			0 (2018)				3,000	3,000	3,000				
	SK2- Male			0 (2018)										
	SK2- Female			0 (2018)										
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										
Output	*Women trained in improved productive activities*	Number	Cumulative	0 (2018)		700	1,400	2,025	2,025	2,025		Not informed by CBA	N/A	Agricultural Support Services TOR pg 134,135
	Konni			0 (2018)		700	1,400	1,400	1,400	1,400				
	SK2			0 (2018)				625	625	625				

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Output	*Participants that completed a literacy course*	Number	Cumulative	0 (2018)		3,800	8,000	8,500	8,500	8,500		Not informed by CBA	N/A	Agricultural Support Services TOR pg 133
	Konni			0 (2018)		3,800	5,500	5,500	5,500	5,500				
	Konni- Male			0 (2018)		1,800	2,500	2,500	2,500	2,500				
	Konni- Female			0 (2018)		2,000	3,000	3,000	3,000	3,000				
	SK2			0 (2018)			2,500	3,000	3,000	3,000				
	SK2- Male			0 (2018)			1,200	1,400	1,400	1,400				
	SK2- Female			0 (2018)			1,300	1,600	1,600	1,600				
	15-35 years			0 (2018)										
	Over 35 years			0 (2018)										
Output	*Women trained in village savings and loan program*	Number	Cumulative	0 (2018)				1,575	1,575	1,575		Not informed by CBA	N/A	Agricultural Support Services TOR
	Konni			0 (2018)				1,400	1,400	1,400				
	SK2			0 (2018)				175	175	175				
Process	*Demonstration plots installed*	Number	Cumulative	0 (2018)		45	100	245	245	245		Not informed by CBA	N/A	Agricultural Support Services TOR pg 134,135
	Konni			0 (2018)		45	100	160	160	160				
	SK2			0 (2018)				85	85	85				
Process	*Innovation plots installed*	Number	Cumulative	0 (2018)		10	20	55	55	55		Not informed by CBA	N/A	Agricultural Support Services TOR pg 133
	Konni			0 (2018)		10	20	30	30	30				
	SK2			0 (2018)				25	25	25				
Process	*Demonstration sites installed for women*	Number	Cumulative	0 (2018)		20	40	65	65	65		Not informed by CBA	N/A	Agricultural Support Services TOR pg 133
	Konni			0 (2018)		20	40	40	40	40				
	SK2			0 (2018)				25	25	25				

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Roads for Market Access Activity														
Outcome	*Vehicle operating costs*	CFA Francs	Level									Calculated from CBA benefit stream	The baselines and targets came from the HDM-4 model presented at the time of developing the Compact.	CBA report
	RN-35			236 (2015)					140	140	160 (2025; Compact Year 8)			
	RN-7			329 (2015)					284	284	284 (2025; Compact Year 8)			
	Rural road			119 (2015)					72	72	81 (2025; Compact Year 8)			
Outcome	*Traffic count*	Number	Level									Calculated from CBA benefit stream	The baselines and targets came from the HDM-4 model presented at the time of developing the Compact.	CBA reports
	RN-35			581 (2015)					742	742	1,643 (2025; Compact Year 8)			
	RN-7			1,625 (2015)					2,125	2,125	2,708 (2025; Compact Year 8)			
	Rural road			188 (2015)					240	240	533 (2025; Compact Year 8)			
Outcome	*Road usage patterns*	Percentage	Level									Not informed by CBA	N/A	N/A
	RN-35													
	RN-7													
	Rural road													

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Travel time*	Minutes	Level									Not informed by CBA	N/A	N/A
	RN-35													
	RN-35- Non-motorized traffic													
	RN-35- Motorcycles													
	RN-35- Passenger cars													
	RN-35- Light trucks													
	RN-35- Medium/heavy trucks													
	RN-35- Mini-buses													
	RN-35- Heavy buses													
	RN-7													
	RN-7- Non-motorized traffic													
	RN-7- Motorcycles													
	RN-7- Passenger cars													
	RN-7- Light trucks													
	RN-7- Medium/heavy trucks													
	RN-7- Mini-buses													
	RN-7- Heavy buses													
	Rural road													
	Rural Road- Non-motorized traffic													
	Rural Road- Motorcycles													
	Rural Road- Passenger cars													
	Rural Road- Light trucks													
	Rural Road- Medium/heavy trucks													
	Rural Road- Mini-buses													
	Rural Road- Heavy buses													

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*International Roughness Index*	Meters per kilometer	Level									Taken directly from CBA benefit stream	Due Diligence Report and Compact	HDM-4 Model (Compact, Annex III-12)
	Primary													
	Primary-RN-35			16 (2015)							12 (2025; Compact Year 8)			
	Primary-RN-7			8 (2015)							2.2 (2025; Compact Year 8)			
	Tertiary													
	Tertiary-Rural road			14.5 (2015)							11 (2025; Compact Year 8)			
Output	*Kilometers of roads completed*	Kilometers	Cumulative	0 (2018)					303	303		Calculated from CBA benefit stream	N/A	HDM-4 Model (Compact, Annex III-12)
	RN-35			0 (2018)					183	183				
	RN-7			0 (2018)					83	83				
	Rural Road			0 (2018)					37	37				
	Primary			0 (2018)					266	266				
	Tertiary			0 (2018)					37	37				
	Rehabilitation			0 (2018)					303	303				
Output	*As-built drawings received*	Date	Date							26-Jan-24		Not informed by CBA	N/A	Contractor TOR
Output	*Funding for GENiS maintenance contracts deposited in designated account*	CFA Francs	Cumulative	0 (2018)			1,740,000,000	3,480,000,000	3,480,000,000	3,480,000,000		Not informed by CBA	N/A	Targets taken from the GENiS Contract TOR
Output	*Value of equipment provided*	CFA Francs	Cumulative	0 (2018)								Not informed by CBA	N/A	According to the Road Infrastructure Manager, the target information is not yet available and would come from the consolidation report which is being prepared after the provisional acceptance
	Community-based			0 (2018)										
	FER			0 (2018)										
Output	*Road maintenance reform adopted*	Date	Date			31-Dec-19						Not informed by CBA	N/A	GENiS Contract TOR

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Process	*Temporary employment generated in road construction*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	Targets are not required for this indicator.
	Male			0 (2018)										
	Female			0 (2018)										
Process	*Vehicle operating cost files saved*	Date	Date									Not informed by CBA	N/A	N/A
Process	*Kilometers of roads under works contracts*	Kilometers	Cumulative	0 (2018)			299.3	299.3	299.3	299.3		Not informed by CBA	N/A	Contractor TOR
	RN-35			0 (2018)			179.3	179.3	179.3	179.3				
	RN-7			0 (2018)			83	83	83	83				
	Rural Road			0 (2018)			37	37	37	37				
	Primary			0 (2018)			262.3	262.3	262.3	262.3				
	Tertiary			0 (2018)			37	37	37	37				
	Rehabilitation			0 (2018)			299.3	299.3	299.3	299.3				
Process	*Kilometers of roads under design*	Kilometers	Cumulative	0 (2018)		303	303	303	303	303		Not informed by CBA	N/A	Contractor TOR
	RN-35			0 (2018)		183	183	183	183	183				
	RN-7			0 (2018)		83	83	83	83	83				
	Rural Road			0 (2018)		37	37	37	37	37				
	Primary			0 (2018)		266	266	266	266	266				
	Tertiary			0 (2018)		37	37	37	37	37				
	Rehabilitation			0 (2018)		303	303	303	303	303				
Process	*The plan for sustainable road maintenance is approved by MCC*	Date	Date				26-Jan-20					Not informed by CBA	N/A	Target of Jan 26 2020 proposed by MCC (R. Fishbein) and approved/confirmed by MCA
RN-35 Sub-Activity														
Output	*International Roughness Index*	Meters per kilometer	Level	16 (2015)					8	8		Taken directly or calculated from documented CBA assumption	Due Diligence Report and Compact	HDM-4 Model (Compact, Annex III-12)
	Primary			16 (2015)					8	8				
RN-7 Sub-Activity														
Output	*International Roughness Index*	Meters per kilometer	Level	8 (2015)					2	2		Taken directly or calculated from documented CBA assumption	Due Diligence Report and Compact	HDM-4 Model (Compact, Annex III-12)
	Primary			8 (2015)					2	2				

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Rural Road Sambera Sub-Activity														
Output	*International Roughness Index*	Meters per kilometer	Level	14.5 (2015)					10	10		Taken directly or calculated from documented CBA assumption	Due Diligence Report and Compact	HDM-4 Model (Compact, Annex III-12)
	Tertiary			14.5 (2015)					10	10				
Policy Reform Activity														
Fertilizer Distribution Reform Sub-Activity														
Outcome	*Agro-dealers with sufficient amounts of fertilizers before farming season*	Number	Cumulative	0 (2018)				161	161	161		Not informed by CBA	N/A	International Fertilizer Development Center's (IFDC) contract SOW
Outcome	*Price comparison of fertilizers*	Percentage	Level									Not informed by CBA	N/A	According to the Manager SGFAM and IFDC, it is difficult to give a target to the indicator given current global fertilizer price volatility. So there is no target
	Urea													
	NPK													
	DAP													
Outcome	*E-voucher recipients*	Number	Cumulative	0 (2018)				15,000	22,000	32,000		Not informed by CBA	N/A	International Fertilizer Development Center's (IFDC) contract SOW
	Male			0 (2018)										
	Female			0 (2018)										
Outcome	*Number of registered traders*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	N/A
	Government-registered fertilizer traders			0 (2018)										
	Importers			0 (2018)										
	Medium-size retailers			0 (2018)										
	Small-size retailers			0 (2018)										
Outcome	*Quantity of fertilizers imported*	Tons	Cumulative	25,000 (2019)								Not informed by CBA	International Fertilizer Development Center's contract SOW	N/A
	Urea													
	NPK													
	DAP													
Output	*Fertilizer distributors trained*	Number	Cumulative	0 (2018)				600	1,000	1,000		Not informed by CBA	N/A	International Fertilizer Development Center's (IFDC) contract SOW
	Male			0 (2018)										
	Female			0 (2018)										
Process	*Comparative study completed*	Date	Date									Not informed by CBA	N/A	N/A
Process	*Criteria developed*	Date	Date									Not informed by CBA	N/A	N/A
Process	*Fertilizer sector reform approved*	Date	Date		19-Jan-18							Not informed by CBA	N/A	MCA Policy Reform work plan

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Process	*COTEN installed*	Date	Date									Not informed by CBA	N/A	N/A
Process	*OMEN installed*	Date	Date									Not informed by CBA	N/A	N/A
Process	*Decree/ordinance adoption of CAIMA*	Date	Date		12-Jan-18							Not informed by CBA	N/A	MCA Policy Reform work plan
Statistical Capacity Development Sub-Activity														
Outcome	*Entry frequency*	TBD	Level									Not informed by CBA	N/A	N/A
Outcome	*Improved data analysis*	Percentage	Level									Not informed by CBA	N/A	N/A
Outcome	*Improved data quality and relevance*	Percentage	Level									Not informed by CBA	N/A	N/A
Outcome	*Increased data-informed policies*	Percentage	Level									Not informed by CBA	N/A	N/A
Outcome	*Decision makers with data usefulness and usage training*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	According to GOPA, it has not been set targets (number) but profiles of decision-makers who will participate in training
	Male			0 (2018)										
	Female			0 (2018)										
Outcome	*Public access granted*	Date	Date						14-Nov-22			Not informed by CBA	N/A	GOPA Contractor TOR
Outcome	*First audit report submitted*	Date	Date						14-Jan-22			Not informed by CBA	N/A	GOPA Contractor TOR
Output	*Data management system is created*	Date	Date						14-Oct-22			Not informed by CBA	N/A	GOPA Contractor TOR
Output	*Open Data law implemented*	Date	Date						14-Oct-22			Not informed by CBA	N/A	GOPA Contractor TOR
Output	*Adaptive management protocol approved*	Date	Date						30-Nov-22			Not informed by CBA	N/A	GOPA Contractor TOR
Output	*Data producers trained*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	According to GOPA, it has not been set targets (number) but profiles of officials who will participate in training
	Male			0 (2018)										
	Female			0 (2018)										
Output	*Audit system established*	Date	Date						20-Dec-22			Not informed by CBA	N/A	N/A
Output	*Auditors trained*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	According to GOPA, it has not been set targets (number) but profiles of officials who will participate in training
	Male			0 (2018)										
	Female			0 (2018)										
Process	*Needs assessments for statistical capacity*	Date	Date			10-Jun-19						Not informed by CBA	N/A	GOPA Contractor TOR

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Climate-Resilient Communities Project														
Climate-Resilient Agriculture Activity														
ICRIPs Sub-Activity														
Outcome	*Hectares under improved practices as a result of training*	Hectares	Cumulative	0 (2018)								Not informed by CBA	N/A	N/A
	Dosso			0 (2018)										
	Tillaberi			0 (2018)										
	Maradi			0 (2018)										
	Tahoua			0 (2018)										
Outcome	*Communes with increased access to water for irrigation*	Number	Cumulative	0 (2018)						3		Not informed by CBA	N/A	MCA Niger/SAB (Sidi Ahmed Bilid) contract, page 76 MCA Niger/Forani (Forage du Niger) contract, page 76
Output	*Farmers trained*	Number	Cumulative	0 (2018)					9,500	9,500		Not informed by CBA	N/A	There is no target documentation for this indicator. This was a rough estimate under the assumption that 76 sites will be irrigated.
	Male			0 (2018)										
	Female			0 (2018)										
	Dosso			0 (2018)										
	Tillaberi			0 (2018)										
	Maradi			0 (2018)										
	Tahoua			0 (2018)										
Output	*Hectares of degraded land under restorative techniques*	Hectares	Cumulative	0 (2018)						87,720		Not informed by CBA	N/A	GRN-ADL CRA Contracts, pg. 81-83 + amendments (pg. 7 for Dosso, pg. 10 for Maradi, pg. 7 for Tahoua, and pg. 8 for Tillabery)
	Dosso			0 (2018)						22,400				
	Tillaberi			0 (2018)						18,000				
	Maradi			0 (2018)						26,520				
	Tahoua			0 (2018)						20,800				

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Output	*Kit recipients*	Number	Cumulative	0 (2018)						15,650		Not informed by CBA	N/A	GRN-ADL CRA Contracts, pg. 81-83 + amendments (pg. 7 for Dosso, pg. 10 for Maradi, pg. 7 for Tahoua, and pg. 8 for Tillabery)
	Male			0 (2018)										
	Female			0 (2018)										
	Dosso			0 (2018)						6,400				
	Tillaberi			0 (2018)						2,700				
	Maradi			0 (2018)						2,950				
	Tahoua			0 (2018)						3,600				
Output	*Stakeholders trained*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	N/A
	Male			0 (2018)										
	Female			0 (2018)										
	Dosso			0 (2018)										
	Tillaberi			0 (2018)										
	Maradi			0 (2018)										
	Tahoua			0 (2018)										
Output	*Hectares of land under irrigation*	Hectares	Cumulative	0 (2018)						52		Not informed by CBA	N/A	MCA Niger/SAB (Sidi Ahmed Bilid) contract, page 76 MCA Niger/Forani (Forage du Niger) contract, page 76
Output	*Management committees formed*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	N/A
	Dosso			0 (2018)										
	Tillaberi			0 (2018)										
	Maradi			0 (2018)										
	Tahoua			0 (2018)										
Process	*Sub-ICRIPs funded*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	N/A
	Dosso			0 (2018)										
	Tillaberi			0 (2018)										
	Maradi			0 (2018)										
	Tahoua			0 (2018)										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Process	*Communes with all design and feasibility studies for sub-ICRIPs completed*	Number	Cumulative	0 (2018)			16	16	16	16		Not informed by CBA	N/A	16 is the total number of eligible communes under the CRA Activity
	Dosso			0 (2018)										
	Tillaberi			0 (2018)										
	Maradi			0 (2018)										
	Tahoua			0 (2018)										
Grants Facility Sub-Activity														
Outcome	*Amount leveraged (co-financing)*	US Dollars	Cumulative	0 (2018)		500,000	750,000	750,000	750,000	750,000		Not informed by CBA	N/A	USADF Grants Facility Manual; Annex 14. Targets estimated at 10% of grant amounts disbursed. Year 2 target estimated by sector lead based on projected outcome of Round 1.
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
	Rain fed production			0 (2018)										
	Small scale irrigation			0 (2018)										
	Livestock integration			0 (2018)										
	Agro-processing			0 (2018)										
	Input delivery			0 (2018)										
Outcome	*Additional and / or follow-on funding leveraged*	US Dollars	Cumulative	0 (2018)					1,000,000	1,000,000		Not informed by CBA	N/A	USADF Grants Facility Manual; Annex 14
Outcome	*Business revenue generated*	US Dollars	Cumulative	0 (2018)								Not informed by CBA	N/A	This indicator was added in January 2023. Data on this indicator exists in USADF reporting, but because it was added late, no target was set.
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
	Rain fed production			0 (2018)										
	Small scale irrigation			0 (2018)										
	Livestock integration			0 (2018)										
	Agro-processing			0 (2018)										
	Input delivery			0 (2018)										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Outcome	*Number of CRA Facility grants completed*	Number	Cumulative	0 (2018)					65	65		Not informed by CBA	N/A	USADF Grants Facility Manual; Annex 14
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
Output	*Storage facilities built or expanded*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	USADF confirmed in June 2023 that no target was set for this indicator.
Output	*Storage capacity added*	Cubic meters	Cumulative	0 (2018)								Not informed by CBA	N/A	USADF confirmed in June 2023 that no target was set for this indicator.
Output	*Animals fattened*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	USADF confirmed in June 2023 that no target was set for this indicator.
Output	*Number of grant agreements signed*	Number	Cumulative	0 (2018)		50	65	65	65	65		Not informed by CBA	N/A	USADF Grants Facility Manual; Annex 14. Year 2 target estimated by sector lead based on projected outcome of Round 1.
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
Output	*Value of grant agreements signed*	US Dollars	Cumulative	0 (2018)		5,000,000	7,500,000	7,500,000	7,500,000	7,500,000		Not informed by CBA	N/A	USADF Grants Facility Manual; Annex 14. Year 2 target estimated by sector lead based on projected outcome of Round 1.
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)		1,000,000	1,500,000	1,500,000	1,500,000	1,500,000				
Output	*Amount disbursed*	US Dollars	Cumulative	0 (2018)						7,498,914		Not informed by CBA	N/A	USADF quarter reports
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
Output	*Amount disbursed for technical support*	US Dollars	Cumulative	0 (2018)								Not informed by CBA	N/A	USADF confirms that no specific target was set other than the technical partner budget.

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Output	*People associated with all grants*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	N/A
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
	Female			0 (2018)										
	Male			0 (2018)										
Output	*Grant Facility is established and functional*	Date	Date									Not informed by CBA	N/A	A target date was not set for this indicator, confirmed by USADF.
Output	*Grantees trained*	Number	Level	0 (2018)								Not informed by CBA	N/A	N/A
	Female			0 (2018)										
	Male			0 (2018)										
Process	*Applications received by Grant Facility*	Number	Cumulative	0 (2018)			750	750	750	750		Not informed by CBA	N/A	CRA Grants Facility sector lead during meeting on April 15, 2019
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
Process	*Applicants shortlisted for proposal development*	Number	Cumulative	0 (2018)		75	85	85	85	85		Not informed by CBA	N/A	USADF Grants Facility Manual; Annex 14. Year 2 target estimated by sector lead based on projected outcome of Round 1.
	MSMEs			0 (2018)										
	Cooperatives			0 (2018)										
	Women and Youth Groups			0 (2018)										
Process	*Outreach campaigns for CRA Grants - Round 1*	Date	Date		28-Jun-18							Not informed by CBA	N/A	CRA work plan
Process	*Outreach campaigns for CRA Grants - Round 2*	Date	Date				31-Mar-20					Not informed by CBA	N/A	CRA work plan
Process	*Grant Manager hired*	Date	Date									Not informed by CBA	N/A	N/A

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Climate-Resilient Communities Project														
Regional Sahel Pastoralism Support Activity														
Animal Health Sub-Activity														
Outcome	*Livestock mortality rate*	Percentage	Level									Taken directly from CBA benefit stream	A2F Baseline Report, pages 87-88	CBA
	Cattle			0.4 (2021)							-0.27 (2025; Compact Year 8)			
	Sheep			0.32 (2021)							-0.09 (2025; Compact Year 8)			
	Goat			0.7 (2021)							-0.09 (2025; Compact Year 8)			
Outcome	*Livestock morbidity rate*	Percentage	Level									Taken directly from CBA benefit stream	A2F Baseline Report, page 88	CBA
	Cattle			1.45 (2021)							-0.27 (2025; Compact Year 8)			
	Sheep			1.62 (2021)							-0.09 (2025; Compact Year 8)			
	Goat			1.1 (2021)							-0.09 (2025; Compact Year 8)			
Outcome	*Prevalence of CBPP*	Percentage	Level	80								Not informed by CBA	World Bank	N/A
Outcome	*Prevalence of PPR*	Percentage	Level	40								Not informed by CBA	World Bank	N/A
Output	*Vaccination coverage*	Percentage	Level									Not informed by CBA	World Bank	World Bank
	CBPP			52	55	60	65	70	80	80				
	PPR			40	38	41	44	47	80	80				
Output	*Veterinarians who complete training or re-training*	Number	Cumulative	0 (2018)				28	28	28		Not informed by CBA	N/A	SVPP Contractor Terms of Reference
	Male			0 (2018)										
	Female			0 (2018										

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Output	*Auxiliares d'elevage (AEs) who complete training or re-training*	Number	Cumulative	0 (2018)		350	350	350	350	350		Not informed by CBA	N/A	SVPP Contractor Terms of Reference
	Male			0 (2018)										
	Female			0 (2018										
Output	*Private veterinarians selected*	Number	Cumulative	0 (2018)	12	12	12	12	12	12		Not informed by CBA	N/A	World Bank
	Male			0 (2018)										
	Female			0 (2018)										
Output	*Auxiliares d'elevage (AEs) selected*	Number	Cumulative	0 (2018)	350	350	350	350	350	350		Not informed by CBA	N/A	World Bank
	Male			0 (2018)										
	Female			0 (2018)										
Corridor Improvement Sub-Activity														
Outcome	*Communes with social accords*	Number	Cumulative	0 (2018)					67	67		Not informed by CBA	N/A	No official documentation, this is all PRAPS communes except one.
Outcome	*Hectares of degraded land along the corridors under restorative techniques*	Hectares	Cumulative	0 (2018)						5,400		Not informed by CBA	N/A	GRN-ADL Contracts, pg. 81-83
	Dosso			0 (2018)						1,100				
	Tillaberi			0 (2018)						1,100				
	Maradi			0 (2018)						1,600				
	Tahoua			0 (2018)						1,600				
Outcome	*Distance between functional water points*	Kilometers	Level	50	50	50	40	35	30	30		Not informed by CBA	PRAPS execution manual page 94	World Bank

Indicator Level	Indicator Name	Unit of Measure	Classification	Baseline (Year)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Post-Program Target (Year)	Target Link to CBA	Baseline Documentation	Target Documentation
					Jan-18 to Dec-18	Jan-19 to Dec-19	Jan-20 to Dec-20	Jan-21 to Dec-21	Jan-22 to Dec-22	Jan-23 to Jan-24				
Output	*Length of corridors*	Kilometers	Cumulative	0 (2018)						1,179.77		Not informed by CBA	N/A	Call for Tenders CR/PRAPS/2/CB/168/20, cover page.
	Dosso			0 (2018)						456.9				
	Tillaberi			0 (2018)						176.5				
	Maradi			0 (2018)						354.32				
	Tahoua			0 (2018)						192.05				
Output	*Water sources constructed or rehabilitated*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	This activity was significantly delayed so no target was set.
Output	*Members of management committees trained*	Number	Cumulative	0 (2018)								Not informed by CBA	N/A	N/A
	Male			0 (2018)										
	Female			0 (2018)										
Market Infrastructure Sub-Activity														
Outcome	*Animals sold*	Number	Level	837,508 (2018)								Not informed by CBA	Baseline figures are taken from Excel spreadsheets shared by MCA - PRAPS with MCC M&E on May 2, 2019	N/A
	Sheep													
	Goat													
	Cattle													
Outcome	*Animals presented for sale*	Number	Level	1,287,343 (2018)								Not informed by CBA	Baseline figures are taken from Excel spreadsheets shared by MCA - PRAPS with MCC M&E on May 2, 2019	N/A
	Sheep													
	Goat													
	Cattle													
Output	*Markets built or rehabilitated*	Number	Cumulative	0 (2018)					22	22		Not informed by CBA	N/A	World Bank
	Dosso			0 (2018)										
	Tillaberi			0 (2018)										
	Maradi			0 (2018)										
	Tahoua			0 (2018)										

Annex III: Major Modifications (Niger M&E Plan Version 4.0; September 2023)

*Erroneous targets of 0 were replaced with no target for all relevant indicators.

Gross agricultural income per hectare		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Average annual crop yield per hectare		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Crops traded		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Abbreviated Women's Empowerment in Agriculture Index		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Hectares irrigated		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Perception of quality of water service by water users		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Percent cropping shift		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Hectares under improved irrigation

Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			1,702	2,452	2,625	2,625
	Previous Targets	0	0	1,702	2,552	3,092	3,092
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	New scope of SK2 to SK2.1					

Hectares under improved irrigation (Sia Kouanza Tondika)

Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					173	173
	Previous Targets	0	0	0	100	640	640
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	New scope of SK2 to SK2.1					

Construction and rehabilitation completed- Konni

Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					19-Dec-2022	
	Previous Targets						
	Justification:	TBD replaced with target					
	Justification Description:	Actual targets have replaced TBD					

Construction and rehabilitation completed- SK2

Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						30-Nov-2023
	Previous Targets						
	Justification:	TBD replaced with target					
	Justification Description:	Actual targets have replaced TBD					

Lands formalized

Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Land Tenure Security	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

COFOCOMs that receive training and resources support

Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Land Tenure Security	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in the plan
	Justification Description:	This indicator is already covered by another one

Participants with access to irrigated land

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure Security

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		The number of people implicated within social accords guaranteering access to irrigated land for a definite number of years	The number of people implicated within social accords (in SK2) and land occupation contracts and/or land usage contracts (for Konni) guaranteeing them access to irrigated land for a definite number of years
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification and guidance on who should count as "Participants with access to irrigated land" for each of the two sites	

Participants with access to irrigated land (Sia Kouanza Tondika)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure Security

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed for SK2.					

Participants with access to irrigated land (Sia Kouanza Tondika – Female)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure Security

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed for SK2.					

Participants with access to irrigated land (Sia Kouanza Tondika – Male)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure Security

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed for SK2.					

Land rights formalized

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure Security

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets				4,925	5,499	5,499
	Previous Targets	0	0	0	4,040	4,040	4,040
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	SK2 scope was changed to SK2.1, so the consultant revised the Y4-Y6 targets. In addition to the program modification target change, there is a Konni target change because the average size of each plot was reduced to meet the minimum needed size for production (changed Y4-Y6).					

Land rights formalized (Konni)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure Security

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

	Revised Targets				4,925	4,925	4,925
	Previous Targets	0	0	0	3,400	3,400	3,400
	Justification:	Corrections to erroneous data					
	Justification Description:	The average size of each plot was reduced to meet the minimum needed size for production.					

Land rights formalized (Sia Kouanza Tondika)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					574	574
	Previous Targets	0	0	0	640	640	640
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	SK2 scope was changed to SK2.1, so the consultant revised the Y4-Y6 targets.					

Perimeters registered

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Land Tenure Security		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Irrigation perimeters formally registered in the name of the central government	Number of irrigation perimeters formally registered in the name of the central government.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Added "number of" to definition for clarity	

Communes formally adopting land allocation principles and criteria

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Land Tenure Security		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of communes that have issued municipal orders adopting land allocation and principles criteria	Number of communes in Konni that have issued municipal orders adopting land allocation principles and criteria.
	Justification:	Correction of spelling or formatting error	
	Justification Description:		

Parcels corrected or incorporated in land system

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets		3,400	4,925	4,925	5,499	5,499
	Previous Targets	0	3,400	3,400	4,040	4,040	4,040
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	SK2 scope was changed to SK2.1, so the consultant revised the Y4-Y6 targets. In addition to this program modification target change, Y3-Y6 Konni targets were changed because the average size of each plot was initially overestimated. It has now been reduced to meet the minimum needed size for production.					

Parcels corrected or incorporated in land system (Konni)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets		3,400	4,925	4,925	4,925	4,925
	Previous Targets	0	3,400	3,400	3,400	3,400	3,400
	Justification:	Corrections to erroneous data					
	Justification Description:	Y3-Y6 Konni targets were changed because the average size of each plot was initially overestimated. It has now been reduced to meet the minimum needed size for production.					

Parcels corrected or incorporated in land system (Sia Kouanza Tondika)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					574	574
	Previous Targets	0	0	0	640	640	640
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	SK2 scope was changed to SK2.1, so the consultant revised the Y4-Y6 targets.					

Parcels corrected or incorporated in land system (Rural)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets		3,400	4,925	4,925	5,499	5,499
	Previous Targets	0	3,400	3,400	4,040	4,040	4,040
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	SK2 scope was changed to SK2.1, so the consultant revised the Y4-Y6 targets. In addition to this program modification target change, Y3-Y6 Konni targets were changed because the average size of each plot was initially overestimated. It has now been reduced to meet the minimum needed size for production.					

Conflicts successfully mediated

Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Land Tenure Security	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in the plan
	Justification Description:	According to the land team, conflict mediation is beyond the scope of the MCA. Also, MCA support for local authorities is not directly aimed at conflict resolution activities

IWUA management perceives that ONAHA has technical capacity to support them in the management of the system

Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

IWUA management perceives that ONAHA has technical capacity to support them in the management of the system

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Sustainable Management of Irrigation Systems		
Version 4.0	**Modification Description:**	Retire an indicator	
	Justification:	Cost of data collection for indicator outweighs usefulness	
	Justification Description:	This indicator requires an expensive survey that is not likely to be useful The indicator has been added to the non-ITT category	

IWUAs that self-finance with fees covering assigned operations, maintenance, and rehabilitation

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Sustainable Management of Irrigation Systems		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of iWUAs that contribute 100 percent of assigned operations, maintenance, and rehabilitation (O&M&R) costs	Number of iWUAs that contribute 100 percent of assigned operations, maintenance, and rehabilitation costs for the completed irrigation infrastructure.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification provided on the types of expenditures	

Rate of investment from water fees in operation management

Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Cost of data collection for indicator outweighs usefulness
	Justification Description:	Data is unlikely to be available during the lifetime of the Compact due to costs (both financial and human) associated in the collection of the data.

IWUAs prepare financial reports and annual budgets

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Sustainable Management of Irrigation Systems		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of financial reports and annual budgets (submitted once/year) by the iWUAs	Number of financial reports and annual budgets (submitted once/year) by the iWUAs to (and approved by) ONAHA.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	More clarity added for better indicator interpretation	

The roles of the technical directors are modified for ONAHA to become supervisors of the irrigation water user associations' performance management

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Sustainable Management of Irrigation Systems		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Date the perimeter director role is modified for ONAHA to become official supervisor of the water user associations' performance and resource management	Date of official document clarifying the responsibilities between ONAHA's technical director and the iWUAs for all aspects of operations and management for the Konni perimeter.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	More clarity added for better indicator interpretation	

Farmers who have applied improved practices as a result of training

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			1450
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Farmers who have applied improved practices as a result of training

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					1,450	1,450
	Previous Targets	0	0	0	0	3,250	3,250
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	SK2 has undergone rescoping and only account for a small portion of its original size. As a result, the number of participating farmers has decreased					

Farmers who have applied improved practices as a result of training (Konni)

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			1450
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Farmers who have applied improved practices as a result of training (Konni – Female)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Farmers who have applied improved practices as a result of training (Konni – Male)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Farmers who have applied improved practices as a result of training (Sia Kouanza Tondika)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	0	1,800	1,800
	Justification:	Change to the project as a result of an official program modification that results in a new target being relevant					
	Justification Description:	SK2 has undergone rescoping and only account for a small portion of its original size. As a result, the number of participating farmers has decreased					

Farmers who have applied improved practices as a result of training (Female)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Farmers who have applied improved practices as a result of training (Male)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Hectares under improved practices as a result of training

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation

Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			2614.82
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Hectares under improved practices as a result of training (Konni)

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			2614.82
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Hectares under improved practices as a result of training (Sia Kouanza Tondika)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	0	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 5-6 TBD targets have been removed.					

Enterprises that have applied improved techniques

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Enterprises that have applied improved techniques (Konni)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Enterprises that have applied improved techniques (Sia Kouanza Tondika)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					

	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.

Enterprises that have applied improved techniques (Male)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Enterprises that have applied improved techniques (Female)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Cooperatives providing key services to membership

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	0
	Justification:	Corrections to erroneous data	
	Justification Description:	Data based on services provided to members with MCA support	

Cooperatives providing key services to membership

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Percentage of cooperatives or producer organizations that provide at least 3 key services to its members (inputs, access to credit, sales/marketing, or post-harvest services).	Percentage of cooperatives or producer organizations that provide at least 3 key services to its members (inputs, access to credit, sales/marketing, or post-harvest services). Cooperatives or producer organizations providing at least 3 key services DIVIDED by All Cooperatives covered by the program
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Calculation formula added	

Cooperatives providing key services to membership

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			60
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements.	

Trained participants who pass the literacy test

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation

Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Participants who successfully participate in two phases of the program and receive certificates	Number of participants who successfully participate in two phases of the literacy program and receive certificates.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	"Number" and "literacy" added	

Trained participants who pass the literacy test

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			4250
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Trained participants who pass the literacy test (Konni)

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			2750
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Trained participants who pass the literacy test (Sia Kouanza Tondika)

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			1500
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Trained participants who pass the literacy test (Sia Kouanza Tondika – Female)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	0	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this disaggregation, the Year 5-6 TBD targets have been removed. Earlier targets also changed from "0" to blanks to comply with M&E Plan policy					

Trained participants who pass the literacy test (Sia Kouanza Tondika – Male)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	0	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this disaggregation, the Year 5-6 TBD targets have been removed. Earlier targets also changed from "0" to blanks to comply with M&E Plan policy					

Farmers with proven skills in improved production technologies and practices			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			2350
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	
Farmers with proven skills in improved production technologies and practices (Konni)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			1450
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	
Farmers with proven skills in improved production technologies and practices (Sia Kouanza Tondika)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			900
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	
Participants with access to credit			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of women and youths who have acquired access to financial loans as a result of their participation in the program	Number of women and youths of both sexes (ages 15-35) who have acquired access to financial loans as a result of their participation in the program.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Youth definition added and further clarified	
Participants with access to credit			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			1125
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	
Participants with access to credit (Konni)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			1000
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Participants with access to credit (Sia Kouanza Tondika)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			125
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Share of women and youth in group memberships			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Percentage of cooperative and group members who identify as women or youth	Percentage of cooperative and group members who identify as women or youth. In the Niger context, "youth" is defined as a man or a woman between the ages of 15 and 35.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Youth definition further clarified	

Share of women and youth in group memberships			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			30
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Share of women and youth in group memberships (Konni)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			30
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Share of women and youth in group memberships (Sia Kouanza Tondika)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			30
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Farmers with proven natural resource management skills			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of training participant farmers who successfully graduated from training on natural resource management techniques	Number of training participant farmers who have successfully retained the majority of natural resource management techniques from training.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification needed for better interpretation of the indicator; i.e., precision on skill acquisition	

Farmers with proven natural resource management skills			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			265
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Farmers with proven natural resource management skills (Konni)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			153
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Farmers with proven natural resource management skills (Sia Kouanza Tondika)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			112
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Savings and loans groups that have achieved maturity and graduated from the program			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of savings and loans groups that have graduated from the program. This means that they have participated in a 12 month cycle and have an average yield of 29 percent.	Number of savings and loans groups that have achieved maturity and graduated from the village savings and loans (VSL) program. This means that they have participated in a 12 month cycle and have an average yield of 29 percent.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarification added on what the program is; i.e., Village Savings and Loans (VSL) program	

Savings and loans groups that have achieved maturity and graduated from the program			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			90
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Savings and loans groups that have achieved maturity and graduated from the program (Konni)			
Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			80
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Savings and loans groups that have achieved maturity and graduated from the program (Sia Kouanza Tondika)

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Post-Program Target Modification	
	Modification:	Previous	Revised
			10
	Justification:	Corrections to erroneous data	
	Justification Description:	Post-compact targets added to comply with new policy requirements	

Farmers trained (Male)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this disaggregation, the Year 4-6 TBD targets have been removed.					

Farmers trained (Female)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this disaggregation, the Year 4-6 TBD targets have been removed.					

Farmers trained (Konni – Female)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Farmers trained (Konni – Male)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Farmers trained (Sia Kouanza Tondika – Female)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 5-6 TBD targets have been removed.					

Farmers trained (Sia Kouanza Tondika – Male)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 5-6 TBD targets have been removed.					

Farmers trained (15-35 years)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Farmers trained (Over 35 years)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, the Year 4-6 TBD targets have been removed.					

Participants that completed a literacy course

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of participants who attend both Phase I and Phase II of the literacy program and receive at least 3/6 on the final assessment	Number of participants who attend both Phase I and Phase II of the literacy program
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Took out score portion of definition. Scoring structure has been changed as per GoN policy, which has rendered our scoring system not applicable	

Participants that completed a literacy course (15-35 years)

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Agricultural Support Services

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						

	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Participants that completed a literacy course (Over 35 years)

Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Demonstration sites installed for women

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Sites of demonstration for transformation installed outside of the irrigation perimeter for women	Number of sites of demonstration for transformation installed outside of the irrigation perimeter for women
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	"Number of" added	

Demonstration plots installed

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of demonstration plots installed in irrigation perimeter (for 2 seasons)	Number of demonstration plots installed in irrigation perimeter (for at least 2 consecutive seasons: a dry season and a rainy season)
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarification added on what "2 seasons" means	

Innovation plots installed

Project:	Irrigation and Market Access		
Activity:	Management Services and Market Facilitation		
Sub-Activity:	Agricultural Support Services		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of innovation plots installed in irrigation perimeter (for 2 seasons)	Number of innovation plots installed in irrigation perimeter (for at least 2 consecutive seasons: a dry season and a rainy season)
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarification added on what "2 seasons" means	

Vehicle operating costs

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Traffic count

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator

	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Road usage patterns

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Travel time

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:		
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Kilometers of roads completed (Primary)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					266	266
	Previous Targets	0	0	0	0	83	83
	Justification:	Corrections to erroneous data					
	Justification Description:	Disaggregations are further adjusted to comply with new Common Indicator Guidance					

Kilometers of roads completed (Tertiary)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					37	37
	Previous Targets	0	0	0	0	0	0
	Justification:	Corrections to erroneous data					
	Justification Description:	Disaggregations are further adjusted to comply with new Common Indicator Guidance					

Lane-kilometers completed

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:		
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in the plan
	Justification Description:	The project's roads only have one lane, making this indicator irrelevant.

As-built drawings received

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						26-Jan-2024
	Previous Targets					26-Jan-2023	
	Justification:	Occurrence of exogenous factors					
	Justification Description:	Program extension for COVID-19.					

Road maintenance funds transferred to the FER

Project:	Irrigation and Market Access

Activity:	Roads for Market Access	
Sub-Activity:		
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Irrelevant to the project logic
	Justification Description:	This result is already covered by another, more relevant indicator (Funding for GENiS Maintenance Contracts deposited in designated

Funding for GENiS maintenance contracts deposited in designated account

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			1,740,000,000	3,480,000,000	3,480,000,000	3,480,000,000
	Previous Targets				145,000,000	145,000,000	145,000,000
	Justification:	Corrections to erroneous data					
	Justification Description:	The annual target values were previously erroneously understated.					

Value of equipment provided

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	As per policy requirements, TBDs need to be replaced by no targets if no actual values exist					

Value of equipment provided (Community-based)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	As per policy requirements, TBDs need to be replaced by no targets if no actual values exist					

Value of equipment provided (FER)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	As per policy requirements, TBDs need to be replaced by no targets if no actual values exist					

Kilometers of roads under works contracts

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			299.3	299.3	299.3	299.3
	Previous Targets	0	TBD	299.3	299.3	299.3	299.3
	Justification:	Corrections to erroneous data					
	Justification Description:	The Year 2 targets were mistakenly labeled as TBD.					

Kilometers of roads under works contracts (RN-35)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			179.3	179.3	179.3	179.3
	Previous Targets	0	TBD	179.3	179.3	179.3	179.3
	Justification:	Corrections to erroneous data					
	Justification Description:	The Year 2 targets were mistakenly labeled as TBD.					

Kilometers of roads under works contracts (RN-7)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			83	83	83	83
	Previous Targets	0	TBD	83	83	83	83
	Justification:	Corrections to erroneous data					
	Justification Description:	The Year 2 targets were mistakenly labeled as TBD.					

Kilometers of roads under works contracts (Rural Road)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			37	37	37	37
	Previous Targets	0	TBD	37	37	37	37
	Justification:	Corrections to erroneous data					
	Justification Description:	The Year 2 targets were mistakenly labeled as TBD.					

Kilometers of roads under works contracts (Primary)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			262.3	262.3	262.3	262.3
	Previous Targets	0	TBD	83	83	83	83
	Justification:	Corrections to erroneous data					
	Justification Description:	Disaggregations are further adjusted to comply with new Common Indicator Guidance					

Kilometers of roads under works contracts (Tertiary)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			37	37	37	37
	Previous Targets	0	0	0	0	0	0
	Justification:	Corrections to erroneous data					
	Justification Description:	Disaggregations are further adjusted to comply with new Common Indicator Guidance					

Kilometers of roads under works contracts (Rehabilitation)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets			299.3	299.3	299.3	299.3
	Previous Targets	0	TBD	299.3	299.3	299.3	299.3
	Justification:	Corrections to erroneous data					

	Justification Description:	The Year 2 targets were mistakenly labeled as TBD.

Kilometers of roads under design (Primary)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets		266	266	266	266	266
	Previous Targets	0	83	83	83	83	83
	Justification:	Corrections to erroneous data					
	Justification Description:	Disaggregations are further adjusted to comply with new Common Indicator Guidance					

Kilometers of roads under design (Tertiary)

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:							
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets		37	37	37	37	37
	Previous Targets	0	0	0	0	0	0
	Justification:	Corrections to erroneous data					
	Justification Description:	Disaggregations are further adjusted to comply with new Common Indicator Guidance					

International Roughness Index

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	RN-35	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	MCC requires new common indicator be used for measurement across all projects of a certain type
	Justification Description:	This new monitoring version of the R-9 indicator is located at the sub-activity level for each of the three roads to allow for common indicator disaggregation reporting. There is also an evaluation version of the R-9 indicator at the activity level (previously a monitoring indicator named "Roughness").

International Roughness Index

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	RN-7	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	MCC requires new common indicator be used for measurement across all projects of a certain type
	Justification Description:	This new monitoring version of the R-9 indicator is located at the sub-activity level for each of the three roads to allow for common indicator disaggregation reporting. There is also an evaluation version of the R-9 indicator at the activity level (previously a monitoring indicator named "Roughness").

International Roughness Index

Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	Rural Road Sambera	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	MCC requires new common indicator be used for measurement across all projects of a certain type
	Justification Description:	This new monitoring version of the R-9 indicator is located at the sub-activity level for each of the three roads to allow for common indicator disaggregation reporting. There is also an evaluation version of the R-9 indicator at the activity level (previously a monitoring indicator named "Roughness").

Price comparison of fertilizers

Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Fertilizer Distribution Reform		
Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	
	Justification:	TBD replaced with no baseline	
	Justification Description:	As per policy requirements, TBDs need to be replaced if no actual values exist	

Price comparison of fertilizers

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Percent difference in fertilizer prices between Niger and regional average (including applicable taxes and tariffs)	Percent difference in fertilizer prices between Niger and regional average (including applicable taxes and tariffs) (Average fertilizer price in Niger - Average regional fertilizer price)/Average fertilizer price in Niger
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Formula added	

Price comparison of fertilizers

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Price comparison of fertilizers (Urea)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	
	Justification:	TBD replaced with no baseline	
	Justification Description:	As per policy requirements, TBDs need to be replaced if no actual values exist	

Price comparison of fertilizers (Urea)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Price comparison of fertilizers (NPK)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	
	Justification:	TBD replaced with no baseline	
	Justification Description:	As per policy requirements, TBDs need to be replaced if no actual values exist	

Price comparison of fertilizers (NPK)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Price comparison of fertilizers (DAP)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	
	Justification:	TBD replaced with no baseline	
	Justification Description:	As per policy requirements, TBDs need to be replaced if no actual values exist	

Price comparison of fertilizers (DAP)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

E-voucher recipients

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets				15,000	22,000	32,000
	Previous Targets	0	0		306,000	635,000	635,000
	Justification:	Corrections to erroneous data					
	Justification Description:	Initial targets were erroneously overestimated. Needed to provide more sources-informed targets					

Number of registered traders

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total number of government-registered farming input and output traders (big, medium-size and small)	Total number of government-registered farming input and output traders, retailers and importers of all sizes (big, medium-size and small)
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification on how traders are defined and who can count as one	

Number of registered traders

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Number of registered traders (Government-registered fertilizer traders)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Number of registered traders (Importers)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Number of registered traders (Medium-size retailers)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Number of registered traders (Small-size retailers)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Quantity of fertilizers imported

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				90,000	270,000	270,000
	Justification:	Corrections to erroneous data					
	Justification Description:	Initial targets were erroneously overestimated. They were based on erroneous sources and assumptions					

Fertilizers sold

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Retire an indicator	
	Justification:	Irrelevant to the project logic	
	Justification Description:	This indicator requires multiple layers of data collection that will be too expensive.	

Fertilizer distributors trained

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	0
	Justification:	Corrections to erroneous data	
	Justification Description:	Baseline set to 0 because no trainings took place prior to the program launch	

Fertilizer distributors trained

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total number of officially registered fertilizer distributors providing direct inputs to farmers, and who have participated in at least the minimum required training sessions on the e-voucher mechanism and on improved management of input stocks	Total number of officially registered fertilizer distributors providing direct inputs to farmers, and who have participated in at least the minimum required training sessions on the e-voucher mechanism and on improved management of input stocks Training modules include price-setting, market opportunities, distribution schedules
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification on what it takes for a participant to be considered trained	

Fertilizer distributors trained (Female)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	0
	Justification:	Corrections to erroneous data	
	Justification Description:	Baseline set to 0 because no trainings took place prior to the program launch	

Fertilizer distributors trained (Male)

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
		TBD	0
	Justification:	Corrections to erroneous data	
	Justification Description:	Baseline set to 0 because no trainings took place prior to the program launch	

Fertilizer sector reform approved

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Fertilizer sector reform approved by the government	Date by which the fertilizer sector reform is approved by the government
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarification needed to ensure proper interpretation of the indicator and exact date expected	

COTEN installed

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		COTEN installed	Date of official COTEN installation COTEN is the new government agency in charge of regulating and overseeing fertilizer import and distribution
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification added to explain what COTEN stands for and its function	

OMEN installed

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Fertilizer Distribution Reform

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		OMEN installed	Date of official OMEN installation Along with COTEN, OMEN is the result of the new reform aimed at better regulation and oversight of the fertilizer market
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification added to explain what OMEN stands for and its function	

Entry frequency

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Statistical Capacity Development

Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Improved data analysis

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Statistical Capacity Development

Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Improved data quality and relevance

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Statistical Capacity Development

Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Increased data-informed policies

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Statistical Capacity Development

Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Indicator needed for evaluation purposes

Data producers with improved skills

Project:	Irrigation and Market Access
Activity:	Policy Reform
Sub-Activity:	Statistical Capacity Development

Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Cost of data collection for indicator outweighs usefulness
	Justification Description:	Outside of contractor scope and expensive to collect

Decision makers with data usefulness and usage training			
Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
			0
	Justification:	Corrections to erroneous data	
	Justification Description:	Baseline set to 0 because no trainings took place prior to the program launch	

Decision makers with data usefulness and usage training			
Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Percent of decision makers who have attended and completed the minimum required trainings in data usefulness and usage	Number of decision makers (policymakers of various levels and sectors) who have attended and completed the minimum required trainings in data usefulness and usage
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Further clarification added to explain who counts as decision makers and what it means to be considered trained	

Decision makers with data usefulness and usage training							
Project:	Irrigation and Market Access						
Activity:	Policy Reform						
Sub-Activity:	Statistical Capacity Development						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 5-6 TBD targets have been removed.					

Decision makers with data usefulness and usage training (Male)			
Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
			0
	Justification:	Corrections to erroneous data	
	Justification Description:	Baseline set to 0 because no trainings took place prior to the program launch	

Decision makers with data usefulness and usage training (Male)							
Project:	Irrigation and Market Access						
Activity:	Policy Reform						
Sub-Activity:	Statistical Capacity Development						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 5-6 TBD targets have been removed.					

Decision makers with data usefulness and usage training (Female)			
Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Baseline Modification	
	Modification:	Previous	Revised
			0

	Justification:	Corrections to erroneous data
	Justification Description:	Baseline set to 0 because no trainings took place prior to the program launch

Decision makers with data usefulness and usage training (Female)

Project:	Irrigation and Market Access						
Activity:	Policy Reform						
Sub-Activity:	Statistical Capacity Development						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 5-6 TBD targets have been removed.					

Data management system is created

Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Date on which the data management system becomes operational	Date on which the data management system becomes operational (running)
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Additional clarification on the status of data management	

Adaptive management protocol approved

Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Date of formal approval of the adaptive management protocol	Date of formal approval (by MCA-Niger) of the adaptive management protocol
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Additional clarification on who approves the management protocol and what it means to be considered approved	

Data producers trained

Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total number of data producers who have attended minimum required training sessions/modules on data collection, data handling and data quality protocols	Total number of data producers who have attended minimum required training sessions/modules on data collection (proposed by GOPA and approved by MCA-Niger), data handling and data quality protocols
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Additional clarification on what it means to be considered trained	

Data producers trained

Project:	Irrigation and Market Access						
Activity:	Policy Reform						
Sub-Activity:	Statistical Capacity Development						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0		TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 5-6 TBD targets have been removed.					

Auditors trained

Project:	Irrigation and Market Access
Activity:	Policy Reform

Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total number of auditors who have attended minimum required training sessions/modules on SSN data	Total number of auditors who have attended minimum required training sessions/modules on SSN data, as proposed by GOPA and approved by MCA-Niger
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Additional clarification on what it means to be considered trained	

Auditors trained

Project:	Irrigation and Market Access						
Activity:	Policy Reform						
Sub-Activity:	Statistical Capacity Development						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 5-6 TBD targets have been removed.					

Needs assessments for statistical capacity

Project:	Irrigation and Market Access		
Activity:	Policy Reform		
Sub-Activity:	Statistical Capacity Development		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Date of completion of needs assessments for statistical capacity	Date of completion of needs assessments for statistical capacity within participating entities and agencies
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarified that the definition refers to statistical capacity "within participating entities and agencies"	

Hectares under improved practices as a result of training

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	Contractors and MCA staff confirm that no target was set for this indicator.					

Communes with increased access to water for irrigation

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						3
	Previous Targets	0	0	0	0	TBD	TBD
	Justification:	TBD replaced with target					
	Justification Description:	Contracts for small irrigation were signed in April 2023.					

Farmers applying improved practices

Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in the plan
	Justification Description:	Discussions with MCA and contractors confirm this data was not collected.

Farmers who have applied improved practices as a result of training

Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Cost of data collection for indicator outweighs usefulness
	Justification Description:	Discussions with MCA and contractors confirm this data was not collected.

Hectares of degraded land under restorative techniques

Project:	Climate-Resilient Communities		
Activity:	Climate-Resilient Agriculture		
Sub-Activity:	ICRIPs		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of hectares that have been restored and put under responsibility of Management Committees	The number of hectares on which restorative techniques such as the creation of demi-lunes (half moons), the placement of stone bunds, and the removal of invasive plants such that healthy forage can grow, have been applied.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	The definition was updated to better detail the type of restoration work being carried out and reported in relevant source documents.	

Hectares of degraded land under restorative techniques

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						87,720
	Previous Targets	0	0	0	TBD	TBD	TBD
	Justification:	TBD replaced with target					
	Justification Description:	Contracts from ADL / CDR / CADEL confirm the targeted number of hectares.					

Kit recipients

Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Further design of the sub-activity has led to additional task and benefits

Stakeholders trained

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	No target was set for this.					

Stakeholders trained (Male)

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	No target was set for this.					

Stakeholders trained (Female)

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture

Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	No target was set for this.					

Hectares of land under irrigation

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						52
	Previous Targets	0	0		TBD	TBD	TBD
	Justification:	TBD replaced with target					
	Justification Description:	The small scale irrigation component of the ICRIPs sub-activity was significantly delayed due to difficulties in procuring a firm and issues around the compensation and resettlement of those affected by the construction. Contracts with the firms SAB and FORANI were finally signed in the 6th year of the Compact, on 21 and 22 March 2023, respectively. Specific targets, previously unknown to the M&E team, were specified in these contracts.					

Management committees formed

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0	0	0	TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Sub-ICRIPs funded

Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets					TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 5-6 TBD targets have been removed.					

Additional and / or follow-on funding leveraged

Project:	Climate-Resilient Communities		
Activity:	Climate-Resilient Agriculture		
Sub-Activity:	Grants Facility		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total value of additional funding obtained by Grantees to expand project and/or operations and committed by EOC. Additional funding is funding outside grant commitments; can be obtained during implementation or post completion	Total value of additional funding obtained by Grantees to expand project and/or operations and committed by End of Compact. Additional funding is funding outside CRA grant commitments; can be obtained during implementation or post completion
	Justification:	Correction of spelling or formatting error	
	Justification Description:		

Business revenue generated

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	This indicator is needed to measure grantees' performance.

Number of grant agreements signed

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total number of grant facility projects funded via grant agreements with BDS support	Total number of grant facility projects funded via grant agreements with business development services (BDS) support, such as training.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Added the example of training.	

Value of grant agreements signed

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total value of grant facility projects funded via grant agreements with BDS support	Total value of grant facility projects funded via grant agreements with business development services BDS support, such as training.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Added the example of training.	

Amount disbursed for technical support

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total value disbursed for grantees' technical support and training	Total amount disbursed for grantees' technical support and training
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Replaced "value" with "amount."	

Amount disbursed for technical support

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Amount disbursed

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	The data on this indicator was previously being captured in the ITT under the indicator "Amount disbursed for Grant Facility overhead and technical support." In 2023 MCC clarified with USADF that these values recorded in the ITT were the total amount disbursed by the Grant Facility to grantees beneficiaries, not amount disbursed for technical support (that is recorded separately in the reports). This indicator is being created to separate the amount disbursed for grants and the amount disbursed just for technical support.

People associated with all grants

Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture

Sub-Activity:	Grants Facility		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total number of individuals receiving direct benefits from project (i.e. producers, input buyers, employees, people receiving services)	Total number of individuals receiving direct benefits from grantee's organization (i.e. producers, input buyers, employees, people receiving services)
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarified that individuals are receiving direct benefits from grantee's organizations as opposed to just "the project" as it was stated previously	

Applications shortlisted for proposal development			
Project:	Climate-Resilient Communities		
Activity:	Climate-Resilient Agriculture		
Sub-Activity:	Grants Facility		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Total number of applications selected for proposal development	Total number of grant applications selected for proposal development
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Specified "grants applications" as opposed to "applications" previously.	

Agriculture value chain partners		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Private Sector Partnership	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Irrelevant to the project logic
	Justification Description:	This sub-activity is being dropped and a reallocation of funds was made to other activities.

Number of grantees		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Private Sector Partnership	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Irrelevant to the project logic
	Justification Description:	This sub-activity is being dropped and a reallocation of funds was made to other activities.

Amount provided		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Private Sector Partnership	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Irrelevant to the project logic
	Justification Description:	This sub-activity is being dropped and a reallocation of funds was made to other activities.

Livestock mortality rate		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Animal Health	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Added evaluation-level indicator that will be reported on in the independent evaluation to triangulate the CBA projection.

Livestock morbidity rate		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Animal Health	
Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Added evaluation-level indicator that will be reported on in the independent evaluation to triangulate the CBA projection.

Prevalence of CBPP			
Project:	Climate-Resilient Communities		
Activity:	Regional Sahel Pastoralism Support		
Sub-Activity:	Animal Health		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Prevalence of contagious bovine pleuropneumonia (CBPP), defined as the number of cases of CBPP detected divided by the total number of animals in the Per targeted animal category	Prevalence of Contagious Bovine Pleuropneumonia (CBPP), defined as the number of cases of CBPP detected divided by the total number of bovine, as identified in the animal census.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarification of how prevalence is defined.	

Prevalence of CBPP							
Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Animal Health						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 1-6 TBD targets have been removed.					

Prevalence of PPR			
Project:	Climate-Resilient Communities		
Activity:	Regional Sahel Pastoralism Support		
Sub-Activity:	Animal Health		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Seroprevalence of PPR, defined as the number of cases of PPR detected divided by the total number of animals in the Per targeted animal category	Prevalance of Peste des Petits Ruminants (PPR), defined as the number of cases of PPR detected divided by the total number of small ruminants (sheep, goat) as identified in the animal census.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarification of how prevalence is defined.	

Prevalence of PPR							
Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Animal Health						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 1-6 TBD targets have been removed.					

Vaccination coverage			
Project:	Climate-Resilient Communities		
Activity:	Regional Sahel Pastoralism Support		
Sub-Activity:	Animal Health		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of animals vaccinated against CBPP and PPR within the targeted animal categories in the PRAPs areas	Number of animals vaccinated against CBPP and PPR divided by total number of animals in each category (bovine for CBPP and small ruminants for PPR).
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Clarified the definition of vaccintion coverage and how this is calculated.	

Veterinarians who complete training or re-training	
Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Animal Health

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of veterinaries who complete training or re-training	Number of veterinarians who complete training or re-training
	Justification:	Correction of spelling or formatting error	
	Justification Description:	Corrected veterinaries to veterinarians	

Auxiliares d'elevage (AEs) who complete training or re-training

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Animal Health

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of Auxiliares d'elevage (AEs) (veterinary personnel who provide support to the head veterinary) who complete training or re-training	Number of Auxiliares d'elevage (AEs) who complete training or re-training
	Justification:	Correction of spelling or formatting error	
	Justification Description:	Streamlined the definition and moved superfluous information to the Additional Information column.	

Animatrices villageoises en agriculture et en él evage de petits ruminants (AVA/PR) who complete training or re-training

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Animal Health

Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in the plan
	Justification Description:	VSF Belgique, who conducts the veterinary training, informed MCC M&E that animatrices villageoises are not actually a separate training group from Auxiliares d'elevage.

Private veterinarians selected

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Animal Health

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of private veterinaries selected to provide veterinary services to the PRAPs communes. Veterinaries will support the vaccination campaign and offer proximity services to the local communes	Number of private veterinarians selected to provide veterinary services to the PRAPS communes.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Streamlined the definition and moved superfluous information to the Additional Information column.	

Auxiliares d'elevage (AEs) selected

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Animal Health

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of auxiliares d'elevage (AEs) selected to provide support for the private veterinaries in the veterinary clinics	Number of auxiliares d'elevage (AEs) selected to provide support for the private veterinarians in the veterinary clinics
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Streamlined the definition.	

Animatrices villageoises en agiculture et en élevage de petits ruminants (AVA/PR) selected

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Animal Health

Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in the plan
	Justification Description:	VSF Belgique, who conducts the veterinary training, informed MCC M&E that animatrices villageoises are not actually a separate training group from Auxiliares d'elevage.

Communes with social accords			
Project:	Climate-Resilient Communities		
Activity:	Regional Sahel Pastoralism Support		
Sub-Activity:	Corridor Improvement		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of communes that have finalized social accord for pasture land security	Number of communes that have finalized social accords for pasture land security. Pasture land security refers to the management of tensions between land users to ensure that farmers are not encroaching on transhumance corridors and that all relevant parties in the commune commit to the sharing of public land.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Definition was modified to add more details about the purpose of the social accords and the parties involved in them.	

Communes with social accords							
Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Corridor Improvement						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets					67	67
	Previous Targets				TBD	67	67
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4 target was removed.					

Hectares of degraded land along the corridors under restorative techniques			
Project:	Climate-Resilient Communities		
Activity:	Regional Sahel Pastoralism Support		
Sub-Activity:	Corridor Improvement		
Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of hectares restored along the corridors for pasture land	The number of hectares along the planned corridors on which restorative techniques such as the creation of demi-lunes (half moons), the placement of stone bunds, and the removal of invasive plants have been applied.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Definition was expanded to capture the specific techniques being applied to the land along the corridors.	

Hectares of degraded land along the corridors under restorative techniques							
Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Corridor Improvement						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						5,400
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-5 TBD targets have been removed. Note, Year 6 targets were added because they were originally not documented but later were recovered from contracts before the works started.					

Areas of grazing land improved		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Corridor Improvement	
Version 4.0	**Modification Description:**	Retire an indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in the plan
	Justification Description:	After discussions with the MCA project teams, it became clear that the restorative land activities being carried out could best be captured under one indicator. It did not make sense to separate out the removal of invasive plants and the other activities aimed at restoring degraded lands.

Length of corridors	
Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

Version 4.0	**Modification Description:**	Creation of new indicator
	Justification:	Existing indicators do not sufficiently measure project logic
	Justification Description:	Previously existing indicators did not adequately measure the progress of corridor construction.

Water sources constructed or rehabilitated

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0			TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Members of management committees trained

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

Version 4.0	**Modification Description:**	Indicator Definition Modification	
	Modification:	Previous	Revised
		Number of Commitees de Gestion members trained in land management, natural resource development and management	Number of Management Committee members trained in land management, natural resource development and management along the corridors.
	Justification:	Additional clarity required to accurately measure or interpret an indicator	
	Justification Description:	Definition modified to capture training activities and to specify who is receiving training.	

Members of management committees trained

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Members of management committees trained (Male)

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Members of management committees trained (Female)

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals sold

Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Market Infrastructure						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0			TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals sold (Sheep)

Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Market Infrastructure						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals sold (Goat)

Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Market Infrastructure						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals sold (Cattle)

Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Market Infrastructure						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals presented for sale

Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support						
Sub-Activity:	Market Infrastructure						
Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets	0			TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals presented for sale (Sheep)

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Market Infrastructure

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals presented for sale (Goat)

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Market Infrastructure

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

Animals presented for sale (Cattle)

Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Market Infrastructure

Version 4.0	**Modification Description:**	Target Modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Revised Targets						
	Previous Targets				TBD	TBD	TBD
	Justification:	TBD replaced with no target					
	Justification Description:	According to the M&E Plan Guidance, targets that were previously TBD should not be set for the current or previous Compact years. Therefore, for this indicator, the Year 4-6 TBD targets have been removed.					

ANNEX III: M&E PLAN MODIFICATIONS (July 2019; January 2022)

Indicators may need to be modified in the future versions of the M&E Plan. Modifications and revisions to the indicators may only be made according to the MCC M&E Policy. Justification for deleting an indicator, adding an indicator, modifying an indicator baseline or target, modifying beneficiary information or major adjustments to the evaluation plan will be adequately documented in English here. Additional changes made to indicators (such as modifications to the indicator name, reporting frequency, etc.) are not documented as part of Annex III, but are recorded in a separate file.

Irrigation and Market Access Project

Irrigation Perimeter Development Activity

Hectares under improved irrigation							
Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compac t
	Revised Targets	0	0	1,702	2,452	5,025	5,025
	Previous Targets	0	0	0	2,452	5,025	5,025
	Justification:	TBD replaced with target					
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact

	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
Revised Targets	0	0	0	0	0	1,702	100	2,452	640	2,452	640	2,452
Previous Targets	0	0	0	0	0	1,702	0	2,452	2,573	2,452	2,573	2,452
Justification:	Program, Project or Activity scope change											

Construction and rehabilitation completed- Konni		
Project:	Irrigation and Market Access	
Activity:	Irrigation Perimeter Development	
Sub-Activity:	N/A	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	Initially omitted due to delays in the construction calendar, this indicator aims to capture how the contractor's deliverables align with contractual timelines

Construction and rehabilitation completed- SK2	
Project:	Irrigation and Market Access
Activity:	Irrigation Perimeter Development
Sub-Activity:	N/A

January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	Initially omitted due to delays in the construction calendar, this indicator aims to capture how the contractor's deliverables align with contractual timelines

Percent disbursed of irrigation construction contracts							
Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	13	33	76	100	100
	Previous Targets	0	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	**Change Description:**	Retire indicator					
	Justification:	Irrelevant due to change in Program, Project or Activity scope					

	Justification Description:	Financial common indicators will no longer be collected.

Value disbursed of irrigation construction contracts								
Project:	Irrigation and Market Access							
Activity:	Irrigation Perimeter Development							
Sub-Activity:	N/A							
July 2019	**Change Description:**	Target modification						
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact	
	Revised Targets	0	4,241,225	24,859,388	56,410,521	74,292,777	74,292,777	
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD	
	Justification:	TBD replaced with target						
January 2022	**Change Description:**	Retire indicator						
	Justification:	Irrelevant due to change in Program, Project or Activity scope						
	Justification Description:	Financial common indicators will no longer be collected.						

Value of signed irrigation construction contracts	
Project:	Irrigation and Market Access
Activity:	Irrigation Perimeter Development

Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	32,450,053	74,292,777	74,292,777	74,292,777	74,292,777
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
January 2022	**Change Description:**	Retire indicator					
	Justification:	Irrelevant due to change in Program, Project or Activity scope					
	Justification Description:	Financial common indicators will no longer be collected.					

Percent disbursed of irrigation feasibility and design contracts							
Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	69	76	100	100	100	100

	Previous Targets	69	100	100	100	100	100
	Justification:	Work plan update					
	Justification Description:	Work plan update: Replaced estimates with actual contract values					
January 2022	**Change Description:**	Retire indicator					
	Justification:	Irrelevant due to change in Program, Project or Activity scope					
	Justification Description:	Financial common indicators will no longer be collected.					

Value disbursed of irrigation feasibility and design contracts							
Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	2,700,000	3,211,773	4,243,696	4,243,696	4,243,696	4,243,696
	Previous Targets	2,700,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000
	Justification:	Work plan update					

	Justification Description:	Work plan update: Replaced estimates with actual contract values
January 2022	Change Description:	Retire indicator
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	Financial common indicators will no longer be collected.

Value of signed irrigation feasibility and design contracts							
Project:	Irrigation and Market Access						
Activity:	Irrigation Perimeter Development						
Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	3,900,000	4,235,727	4,235,727	4,235,727	4,235,727	4,235,727
	Previous Targets	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000
	Justification:	Work plan update					
	Justification Description:	Work plan update: Replaced estimates with actual contract values					
January 2022	Change Description:	Retire indicator					

Justification:	Irrelevant due to change in Program, Project or Activity scope
Justification Description:	Financial common indicators will no longer be collected.

Irrigation and Market Access Project

Management Services and Market Facilitation Activity

COFOCOMS that receive training and resources support							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	5	5	5	5	5
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Participants with access to irrigated land	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure

January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	Indicator necessary to target and estimate headcounts of individual participants with access to program-irrigated land

Perimeters registered													
Project:	Irrigation and Market Access												
Activity:	Management Services and Market Facilitation												
Sub-Activity:	Land Tenure Security												
July 2019	**Change Description:**	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	0	0	TBD	1	TBD	1	4	1	4	1
	Previous Targets	0	0	TBD	TBD	TBD	TBD	TBD	TBD	4	1	4	1
	Justification:	TBD replaced with target											
January 2022	**Change Description:**	Target modification											

	Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
Revised Targets	N/A	0	N/A	0	N/A	1	N/A	1	N/A	1	N/A	1
Previous Targets	0	0	0	0	TBD	1	TBD	1	4	1	4	1
Justification:	Program, Project or Activity scope change											

Communes formally adopting land allocation principles and criteria	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Land Tenure Security
Change Description:	Target modification

January 2022

	Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
Revised Targets	N/A	0	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2
Previous Targets	0	0	0	2	3	2	3	2	3	2	3	2
Justification:	Program, Project or Activity scope change											

Parcels corrected or incorporated in the land system	
Project:	Irrigation and Market Access

Activity:	Management Services and Market Facilitation												
Sub-Activity:	Land Tenure Security												
July 2019	**Change Description:**	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	3,400	TBD	3,400	TBD	3,400	TBD	3,400	TBD	3,400	TBD	3,400
	Previous Targets	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target											

Conflicts successfully mediated		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Land Tenure Security	
July 2019	**Change Description:**	Baseline modification
	Revised modification	0
	Previous modification	TBD
	Justification:	Corrections to erroneous data

	Justification description:	Originally, MCC/MCA M&E misinterpreted the definition and thought the baseline should be the number of conflicts resolved in the year prior to Compact implementation. However, during the M&E Plan revision, the common indicator definition was reviewed. The definition reads "the number of disputed land and property cases that have been resolved by local authorities, contractors, mediators or courts ***with compact support***," indicating that the baseline should be 0, as no conflicts were resolved with Compact support prior to implementation.

Stakeholders trained							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	105	105	TBD	TBD	TBD	TBD
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	**Change Description:**	Target modification					

	Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
Revised Targets	105	105	105	105	105	105
Previous Targets	105	105	TBD	TBD	TBD	TBD
Justification:	Correction to erroneous data					

COFOCOM officials that receive training and resources support							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Land Tenure Security						
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	5	5	5	5	5	5
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

iWUAs that self-finance with fees covering assigned operations, maintenance, and rehabilitation	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation

Sub-Activity:	Sustainable Management of Irrigation Systems						
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	0	1	1	1
	Previous Targets	0	0	0	TBD	1	1
	Justification:	TBD replaced with target					

Rate of collection of water fees							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Sustainable Management of Irrigation Systems						
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	N/A	N/A	80	100	100
	Previous Targets	0	N/A	N/A	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Perception of quality of water service by water users		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
July 2019	**Change Description:**	Retire indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in plan
	Justification Description:	It is unlikely that ONAHA will be collecting this information. This indicator has been moved to Annex IV. Evaluation Indicators.

Youth groups implement business plans		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Agricultural Support Services	
July 2019	**Change Description:**	Retire indicator
	Justification:	Indicator has been added which is superior in measuring same variable
	Justification Description:	This indicator is more appropriately tracked by the CRA Grants Facility Manager USADF, under the CRA Activity. A series of indicators have been added to that Activity to appropriately track the CRA theory of change.

iWUA management perceives that ONAHA has technical capacity to support them in the management of the system							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Sustainable Management of Irrigation Systems						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	Change Description:	**Target modification**					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	0	100	100	100
	Previous Targets	0	0	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

iWUAs prepare financial reports and annual budgets	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation

Sub-Activity:	Sustainable Management of Irrigation Systems																		
January 2022	**Change Description:**	Target modification																	
		Year 1			Year 2			Year 3			Year 4			Year 5			End of compact		
		SK	Kon	Total	SK	Kon	Total	SK	Kon	Total	SK	Kon	Total	SK	Kon	Total	SK	Kon	Total
	Revised Targets	N/A	0	0	N/A	0	0	N/A	0	0	N/A	1	1	N/A	1	1	N/A	1	1
	Previous Targets	0	0	0	0	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	Program, Project or Activity scope change; TBD replaced with target																	

iWUAs created							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Sustainable Management of Irrigation Systems						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	5	5

	Previous Targets	TBD	TBD	TBD	TBD	5	5
	Justification:	TBD replaced with target					

January 2022	Change Description:	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	0	0	0	1	0	1	0	1	0	1
	Previous Targets	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	4	1
	Justification:	Program, Project or Activity scope change; TBD replaced with target											

iWUA management trained							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Sustainable Management of Irrigation Systems						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	5	5
	Previous Targets	TBD	TBD	TBD	TBD	5	5
	Justification:	TBD replaced with target					
January 2022	Change Description:	Target modification					

	Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
Revised Targets	N/A	0	N/A	0	N/A	12	N/A	12	N/A	12	N/A	12
Previous Targets	0	0	0	0	TBD	TBD	TBD	TBD	4	1	4	1
Justification:	Program, Project or Activity scope change; TBD replaced with target											

Enterprises that have applied improved techniques							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Agricultural Support Services						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	Change Description:	**Target modification**					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	N/A	TBD	TBD	TBD

Previous Targets	0	0	TBD	TBD	TBD	TBD
Justification:	TBD replaced with target					

Cooperatives providing key services to membership							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Sustainable Management of Irrigation Systems						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	60	60	60
	Previous Targets	0	0	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Trained participants who pass the literacy test

Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Sustainable Management of Irrigation Systems

January 2022	Change Description:	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	0	0	0	0	0	N/A	1,500	2,750	1,500	2,750
	Previous Targets	0	0	2,300	1,900	3,650	2,750	3,650	2,750	3,650	2,750	3,650	2,750
	Justification:	Program, Project or Activity scope change											

Farmers with proven skills in improved production technologies and practices		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria

Justification Description:	This indicator is necessary to measure knowledge acquisition (and eventually knowledge application) following program-funded training

Participants with access to credit		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	This indicator is necessary to estimate headcounts of individuals (males/females) with access to credit following program-funded capacity building and support

Share of women and youth in group memberships		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria

Justification Description:	Indicator necessary to target historically under-represented demographics in group memberships

Farmers with proven natural resource management skills		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	This indicator is necessary to measure knowledge acquisition (and eventually knowledge application) by participating individual farmers following program-funded training

Trained participants who pass the literacy test							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Sustainable Management of Irrigation Systems						
January 2022	Change Description:	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact

	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
Revised Targets	0	0	0	0	0	0	10	80	10	80	10	80
Previous Targets	0	0	50	40	100	80	100	80	100	80	100	80
Justification:	Program, Project or Activity scope change											

Cooperatives trained		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Sustainable Management of Irrigation Systems	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	This indicator is needed to track numbers of individual cooperatives trained in addition (and alongside) water user associations, especially with the rescoping of SK2 that will not include Konni-style water user associations (and where cooperatives will have greater roles)

Producers trained in numeracy, literacy, hygiene and nutrition	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Sustainable Management of Irrigation Systems

January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	This indicator is needed to track headcounts of individual producers participating in program-funded trainings in literacy, numeracy, hygiene and nutrition

Agriculture stakeholders trained	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Sustainable Management of Irrigation Systems

January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	This indicator is needed to track headcounts of individual stakeholders participating in program-funded trainings

Farmers trained	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Sustainable Management of Irrigation Systems

January 2022	Change Description:	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	N/A	1,400	N/A	3,050	3,000	4,834	3,000	4,834	3,000	4,834
	Previous Targets	0	0	1,700	1,400	3,700	3,050	6,000	4,834	6,000	4,834	6,000	4,834
	Justification:	Program, Project or Activity scope change											

Women trained in improved productive activities	
Project:	Irrigation and Market Access
Activity:	Management Services and Market Facilitation
Sub-Activity:	Sustainable Management of Irrigation Systems

January 2022	Change Description:	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	N/A	700	N/A	1,400	625	1,400	625	1,400	625	1,400
	Previous Targets	0	0	800	700	1,600	1,400	1,600	1,400	1,600	1,400	1,600	1,400
	Justification:	Program, Project or Activity scope change											

Participants that completed a literacy course													
Project:	Irrigation and Market Access												
Activity:	Management Services and Market Facilitation												
Sub-Activity:	Sustainable Management of Irrigation Systems												
January 2022	Change Description:	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	N/A	3,800	2,500	5,500	3,000	5,500	3,000	5,500	3,000	5,500
	Previous Targets	0	0	4,600	3,800	7,300	5,500	7,300	5,500	7,300	5,500	7,300	5,500
	Justification:	Program, Project or Activity scope change											

Women trained in village savings and loan program							
Project:	Irrigation and Market Access						
Activity:	Management Services and Market Facilitation						
Sub-Activity:	Sustainable Management of Irrigation Systems						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD

	Justification:	TBD replaced with target					
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	0	1,575	1,575	1,575
	Previous Targets	0	0	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Demonstration plots installed												
Project:	Irrigation and Market Access											
Activity:	Management Services and Market Facilitation											
Sub-Activity:	Sustainable Management of Irrigation Systems											
January 2022	Change Description:	Target modification										
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	N/A	45	N/A	100	85	160	85	160	85	160
	Previous Targets	0	0	50	45	115	100	190	160	190	160	190	160
	Justification:	Program, Project or Activity scope change											

Innovation plots installed													
Project:	Irrigation and Market Access												
Activity:	Management Services and Market Facilitation												
Sub-Activity:	Sustainable Management of Irrigation Systems												
January 2022	Change Description:	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	N/A	10	N/A	20	25	30	25	30	25	30
	Previous Targets	0	0	15	10	30	20	45	30	45	30	45	30
	Justification:	Program, Project or Activity scope change											

Demonstration sites installed for women													
Project:	Irrigation and Market Access												
Activity:	Management Services and Market Facilitation												
Sub-Activity:	Sustainable Management of Irrigation Systems												
January 2022	Change Description:	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon	SK	Kon
	Revised Targets	0	0	N/A	20	N/A	40	25	40	25	40	25	40

Previous Targets	0	0	25	20	50	40	50	40	50	40	50	40
Justification:	Program, Project or Activity scope change											

Groups who have applied that have secured funding from CRA grant facility or financial institution		
Project:	Irrigation and Market Access	
Activity:	Management Services and Market Facilitation	
Sub-Activity:	Agricultural Support Services	
July 2019	**Change Description:**	Retire indicator
	Justification:	Indicator has been added which is superior in measuring same variable
	Justification Description:	This indicator is more appropriately tracked by the CRA Grants Facility Manager USADF, under the CRA Activity. A series of indicators have been added to that Activity to appropriately track the CRA theory of change.

Irrigation and Market Access Project

Roads for Market Access Activity

Kilometers of roads completed	
Project:	Irrigation and Market Access
Activity:	Roads for Market Access
Sub-Activity:	N/A

July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	0	0	300	300
	Previous Targets	0	TBD	TBD	TBD	307	307
	Justification:	Corrections to erroneous data					
	Justification Description:	During Compact negotiations, the governments of Niger and the United States agreed to extend the number of kilometers to be rehabilitated beyond what had previously been discussed. A new total for the number of kilometers to be rehabilitated was not available at that time and M&E provided an estimate of 187 km. However, further due diligence has revealed the total number of kilometers is closer to 183, which is the figure used by the sector teams.					
January 2022	Change Description:	**Target modification**					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	0	0	303	303
	Previous Targets	0	0	0	0	300	300
	Justification:	Corrections to erroneous data					

Kilometers of roads under works contracts	
Project:	Irrigation and Market Access
Activity:	Roads for Market Access
Sub-Activity:	N/A

July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	TBD	TBD	67.2	220.7	300	300
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
	Justification Description:	Estimates are based off inception report and roads manager calculations					

January 2022	**Change Description:**	Target modification																	
		Year 1			Year 2			Year 3			Year 4			Year 5			End of compact		
		RN-35	RN-7	Rural	RN-35	RN-7	Rural	RN-35	RN-7	Rural	RN-35	RN-7	Rural	RN-35	RN-7	Rural	RN-35	RN-7	Rural
	Revised Targets	0	0	0	TBD	TBD	TBD	56.1	0	11.1	149.6	41.5	29.6	183	83	37	183	83	37

Previous Targets	0	0	0	0	0	0	180	0	37	180	83	37	180	83	37	180	83	37
Justification:	Corrections to erroneous data																	

Vehicle operating cost files saved		
Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	N/A	
January 2022	**Change Description:**	New Indicator
	Justification:	MCC requires new common indicator
	Justification Description:	MCC has recently revised its Common Indicator guidelines with a new set of common indictors including "Vehicle operating cost files saved"

Lane-kilometers completed		
Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	N/A	
January 2022	**Change Description:**	New Indicator
	Justification:	MCC requires new common indicator

	Justification Description:	MCC has recently revised its Common Indicator guidelines with a new set of common indictors including "Lane-kilometers completed"

As-built drawings		
Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	N/A	
January 2022	**Change Description:**	New Indicator
	Justification:	MCC requires new common indicator
	Justification Description:	MCC has recently revised its Common Indicator guidelines with a new set of common indictors including "As-built drawings"

Kilometers of roads under design							
Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	300	300	300	300	300

	Previous Targets	0	TBD	TBD	TBD	307	307
	Justification:	TBD replaced with target (Compact Years 3 and 4) Corrections to erroneous data (Compact Year 5)					
	Justification Description:	During Compact negotiations, the governments of Niger and the United States agreed to extend the number of kilometers to be rehabilitated beyond what had previously been discussed. A new total for the number of kilometers to be rehabilitated was not available at that time and M&E provided an estimate of 187 km. However, further due diligence has revealed the total number of kilometers is closer to 180, which is the figure used by the sector teams.					
January 2022	Change Description:	**Target modification**					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	303	303	303	303	303
	Previous Targets	0	300	300	300	300	300
	Justification:	Corrections to erroneous data					

Percent disbursed of road feasibility and design contracts	
Project:	Irrigation and Market Access
Activity:	Roads for Market Access
Sub-Activity:	N/A
July 2019	**Change Description:** Target modification

		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	10	100	100	100	100	100
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Value disbursed of road feasibility and design contracts							
Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:	N/A						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	3,073,185	3,073,185	3,073,185	3,073,185	3,073,185	3,073,185
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	**Change Description:**	Retire indicator					
	Justification:	Irrelevant due to change in Program, Project or Activity scope					
	Justification Description:	Financial common indicators will no longer be collected.					

Value of signed road feasibility and design contracts		
Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	N/A	
January 2022	**Change Description:**	Retire indicator
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	Financial common indicators will no longer be collected.

Road maintenance funds transferred to the FER		
Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	N/A	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	The evaluability assessment report flagged that the M&E Plan was missing indicators to track the second generation maintenance regime and whether it was established and enforced. This indicator was introduced to capture that result for the RN35 and RN7.

January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	N/A	N/A	TBD	TBD	TBD	TBD
	Previous Targets	N/A	N/A	100	100	100	100
	Justification:	Occurrence of exogenous factors					

Funding for GENiS Maintenance Contracts deposited in designated account		
Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	N/A	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	The evaluability assessment report flagged that the M&E Plan was missing indicators to track the second generation maintenance regime and whether it was established and enforced. This indicator was introduced to capture that result for the RN35 and RN7.
January 2022	**Change Description:**	Target modification

	Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
Revised Targets	N/A	N/A	N/A	145,000,000	145,000,000	145,000,000
Previous Targets	N/A	N/A	TBD	TBD	TBD	TBD
Justification:	TBD replaced with target					

Funding for community-based maintenance organization deposited in designated account		
Project:	Irrigation and Market Access	
Activity:	Roads for Market Access	
Sub-Activity:	N/A	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	The evaluability assessment report flagged that the M&E Plan was missing indicators to track the second generation maintenance regime and whether it was established and enforced. This indicator was introduced to capture that result for the Sambera Rural Road.

Road maintenance reform adopted

Project:	Irrigation and Market Access						
Activity:	Roads for Market Access						
Sub-Activity:	N/A						
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	N/A	31-Dec-19	N/A	N/A	N/A	31-Dec-19
	Previous Targets	N/A	N/A	N/A	N/A	N/A	N/A
	Justification:	TBD replaced with target					

Activity 4: Policy Reform

More efficient fertilizer provision		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope

Justification Description:	The Policy Reform logic, along with the full Activity scope, was not fully defined and designed in previous M&E Plans

Price comparison of fertilizers		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

E-voucher recipients		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope

	Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Number of registered traders		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Quantity of fertilizers imported		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Fertilizer distributors trained		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Fertilizers sold		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Comparative study completed		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Criteria developed		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Fertilizer Distribution Reform logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

OMEN installed							
Project:	Irrigation and Market Access						
Activity:	Policy Reform Activity						
Sub-Activity:	Sub-Activity: Fertilizer Distribution Reform Sub-Activity						
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	N/A	N/A	N/A	N/A	N/A	N/A
	Previous Targets	TBD	TBD	TBD	TBD	TBD	N/A
	Justification:	Corrections to erroneous data					

Data producers have improved skills in data collection and analysis		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Decision makers with data usefulness and usage training		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Public access granted		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

First audit report submitted		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Data management system is created		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Open Data law implemented		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Adaptive management protocol approved		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Data producers trained		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Audit system established		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Auditors trained		
Project:	Irrigation and Market Access	
Activity:	Policy Reform Activity	
Sub-Activity:	Statistical Capacity Development Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The Statistical Capacity Development logic, along with the full Sub-Activity scope, was not fully defined and designed in previous M&E Plans

Climate-Resilient Communities Project

Stakeholders trained	
Project:	Climate-Resilient Communities (Project wide)
Activity:	N/A
Sub-Activity:	N/A

July 2019	**Change Description:**	New Indicator
	Justification:	New issues emerged, suggesting importance of a new indicator
	Justification Description:	Although not explicit in the program logic, during discussions with the Land Sector Team, it became apparent that, in addition to the IPD communes, the Land Team would also conduct basic land training to all CRC communes. As a result, we're including this indicator for common indicator reporting.

COFOCOMs receive training and resources support		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	N/A	
Sub-Activity:	N/A	
July 2019	**Change Description:**	New Indicator
	Justification:	New issues emerged, suggesting importance of a new indicator
	Justification Description:	Although not explicit in the program logic, during discussions with the Land Sector Team, it became apparent that, in addition to the IPD communes, the Land Team would also conduct basic land training to all CRC communes.

January 2022	Change Description:	**Retire Indicator**
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	COFOCOM training and support is not part of the program logic and no longer required as a critical part of the tasks to be completed

Climate-Resilient Communities Project

Climate-Resilient Agriculture Activity

Hectares irrigated		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	N/A	
March 2018	**Change Description:**	Retire Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	Indicator to be replaced by a more relevant one

Hectares with access to rehabilitated irrigation		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	N/A	
March 2018	**Change Description:**	Retire Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	Indicator to be replaced by a more relevant one

Percentage of targeted communes which have constructed infrastructure to support CRA		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	N/A	
March 2018	**Change Description:**	Retire Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	Replace "percentage of targeted communes which have constructed infrastructure to support CRA" with three separate indicators: - "Communes with market access infrastructure",

		- "Communes with increased access to water for irrigation" and "Grain storage facilities built or rehabilitated

Farmers applying improved practices		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The ICRIPs Sub-Activity logic, along with its detailed scope, was not fully defined and designed in previous M&E Plans

Hectares recovered and restored under the sub-ICRIPs		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope

Justification Description:	The ICRIPs Sub-Activity logic, along with its detailed scope, was not fully defined and designed in previous M&E Plans

Farmers who have applied improved practices as a result of training		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The ICRIPs Sub-Activity logic, along with its detailed scope, was not fully defined and designed in previous M&E Plans

Management committees formed		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs Sub-Activity	
January 2022	**Change Description:**	New Indicator

Justification:	Relevant due to change in Program, Project or Activity scope
Justification Description:	The ICRIPs Sub-Activity logic, along with its detailed scope, was not fully defined and designed in previous M&E Plans

Farmers trained		
Project:	Climate-Resilient Communities (Project wide)	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs Sub-Activity	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	The ICRIPs Sub-Activity logic, along with its detailed scope, was not fully defined and designed in previous M&E Plans

Communes with market access infrastructure		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs	
July 2019	**Change Description:**	Target modification

		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	0	TBD	TBD	TBD	TBD	TBD
January 2022	Justification:	TBD replaced with target					
June 2021	Change Description:	**Retire Indicator**					
	Justification:	Irrelevant due to change in Program, Project or Activity scope					
	Justification Description:	Types of infrastructures will be function of sub-ICRIP project proposals and approvals. Market access infrastructures are not guaranteed as of now					

Hectares under improved practices as a result of training							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	0	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Crop storage facilities built or rehabilitated							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	0	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	Change Description:	**Target modification**					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	N/A	TBD	TBD	TBD
	Previous Targets	0	0	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
	Justification Description:	Name changed to “Hectares of land under irrigation”					

Communes with increased access to water for irrigation	
Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture

Sub-Activity:	ICRIPs						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	0	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Percentage of selected sub-ICRIPs completed		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	Existing indicators were drafted before the procedure for approving and implementing sub-ICRIPs was known and therefore did not adequately measure the progress of sub-ICRIP implementation.
June 2021	Justification:	**TBD replaced with target**

January 2022	Change Description:	**Retire Indicator**
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	Sub-ICRIPs acceptance rate has been deemed irrelevant vis-à-vis the Activity/Sub-Activity logic and proposed design

Sub-ICRIPs funded							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	Change Description:	**Target modification**					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact

Revised Targets	0	0	N/A	TBD	TBD	TBD
Previous Targets	0	0	TBD	TBD	TBD	TBD
Justification:	TBD replaced with target					

Amount granted for sub-ICRIPs							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	0	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	Change Description:	**Retire Indicator**					
	Justification:	Irrelevant due to change in Program, Project or Activity scope					
	Justification Description:	Amounts granted to sub-ICRIPs have been deemed irrelevant vis-à-vis the Activity/Sub-Activity logic and revised design					

Communes with all design and feasibility studies for sub-ICRIPs completed

Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture Activity	
Sub-Activity:	ICRIPs	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	Existing indicators were drafted before the procedure for approving and implementing sub-ICRIPs was known and therefore did not adequately measure the progress of sub-ICRIP implementation.

Applications received for subprojects (ICRIPs)		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	ICRIPs	
July 2019	**Change Description:**	Retire indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in plan
	Justification Description:	Contrary to original expectations, applications will not be submitted for sub-ICRIPs. Rather the list of potential projects will be taken from the Community Development Plans.

Participants trained on the rural code							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	ICRIPs						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	0	TBD	TBD	TBD	TBD
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					
January 2022	Change Description:	Retire Indicator					
	Justification:	Irrelevant due to change in Program, Project or Activity scope					
	Justification Description:	Trainings on rural code has been deemed irrelevant vis-à-vis the Activity/Sub-Activity logic and proposed design					

Agreements with communes	
Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	ICRIPs

July 2019	**Change Description:**	Retire indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in plan
	Justification Description:	Contrary to original expectations, MCA will not need to sign agreements with ICRIPs communes.

Organization sales revenue growth		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.

Amounts leveraged (co-financing)	
Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	500,000	750,000	750,000	750,000	750,000
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Additional and / or follow-on funding leveraged	
Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility
July 2019	**Change Description:** New Indicator
	Justification: Existing indicators do not sufficiently meet adequacy criteria
	Justification Description: After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.

CAPEX and OPEX investments	
Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture

Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.
January 2022	Change Description:	**Retire Indicator**
	Justification:	Cost of data collection for indicator outweighs usefulness
	Justification Description:	CAPEX vs. OPEX expenditure tracking has been deemed irrelevant vis-à-vis technical learning objectives, the Activity/Sub-Activity logic and revised Activity design

Storage facilities		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator

	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact. This indicator intends to measure a potential outcome of projects eligible for grant funding.

Storage capacity		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact. This indicator intends to measure a potential outcome of projects eligible for grant funding.

Retail shops established	
Project:	Climate-Resilient Communities

Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact. This indicator intends to measure a potential outcome of projects eligible for grant funding.

Processing facilities		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria

	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact. This indicator intends to measure a potential outcome of projects eligible for grant funding.

Wells and bore holes built		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact. This indicator intends to measure a potential outcome of projects eligible for grant funding.

Animals fattened	
Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact. This indicator intends to measure a potential outcome of projects eligible for grant funding.

Fisheries established		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact. This indicator intends to measure a potential outcome of projects eligible for grant funding.

January 2022	Change Description:	Retire Indicator
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	Types of infrastructures will be function of sub-ICRIP project proposals and approvals. Fishery infrastructures are not guaranteed as of now

Retail shops established		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
January 2022	Change Description:	**Retire Indicator**
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	Types of infrastructures will be function of sub-ICRIP project proposals and approvals. Retail shop facility infrastructures are not guaranteed as of now

Processing facilities		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
January 2022	Change Description:	**Retire Indicator**

Justification:	Irrelevant due to change in Program, Project or Activity scope
Justification Description:	Types of infrastructures will be function of sub-ICRIP project proposals and approvals. Processing facility infrastructures are not guaranteed as of now

Wells and bore holes built		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
January 2022	Change Description:	**Retire Indicator**
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	Types of infrastructures will be function of sub-ICRIP project proposals and approvals. Water point infrastructures are not guaranteed as of now

Number of CRA Facility grants completed		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	Target modification

		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	N/A	N/A	N/A	65	65
	Previous Targets	0	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Number of CRA Facility grants formally amended		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.
January 2022	Change Description:	**Retire Indicator**
	Justification:	Irrelevant due to change in Program, Project or Activity scope

Justification Description:	Tracking of grant amendment has been deemed irrelevant vis-à-vis the Activity/Sub-Activity logic and revised design

Number of grant agreements signed							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	Grants Facility						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	50	65	65	65	65
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Value of grant agreements signed		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	Target modification

		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	N/A	5,000,000	7,500,000	7,500,000	7,500,000	7,500,000
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Amount disbursed by CRA Grants Facility							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	Grants Facility						
July 2019	**Change Description:**	New Indicator					
	Justification:	Existing indicators do not sufficiently meet adequacy criteria					
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.					
Amount disbursed for Grants Facility overhead and technical support (name change)							
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	N/A	N/A	N/A	TBD	TBD	TBD

Previous Targets	N/A	500,000	750,000	750,000	750,000	750,000
Justification:	TBD replaced with target					

People associated with each grant		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.

Grant Facility is established and functional		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator

	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.

Grantees trained		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.

Value of support budgeted	
Project:	Climate-Resilient Communities
Activity:	Climate-Resilient Agriculture
Sub-Activity:	Grants Facility

July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were add to ensure all of the results statements are being measured through the Compact.
January 2022	Change Description:	**Retire Indicator**
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	Tracking of direct budget support has been deemed irrelevant vis-à-vis the Activity/Sub-Activity logic and revised design

Applications received							
Project:	Climate-Resilient Communities						
Activity:	Climate-Resilient Agriculture						
Sub-Activity:	Grants Facility						
July 2019	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	N/A	75	85	85	85	85

	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Applications shortlisted for proposal development		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
July 2019	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were added to ensure all of the results statements are being measured through the Compact.

Outreach campaigns for CRA Grants-Round 2		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Grants Facility	
January 2022	**Change Description:**	New Indicator

Justification:	Existing indicators do not sufficiently meet adequacy criteria
Justification Description:	MIS required a new indicator in order to measure 2 dates for targets.

Hectares irrigated		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	N/A	
July 2019	**Change Description:**	Retire Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	Indicator to be replaced by a more relevant one

Hectares with access to rehabilitated irrigation		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	N/A	
July 2019	**Change Description:**	Retire Indicator

	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	Indicator to be replaced by a more relevant one

Agriculture value chain partners		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Private Sector Partnership	
January 2022	**Change Description:**	New Indicator
	Justification:	Relevant due to change in Program, Project or Activity scope
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were added to ensure all of the results statements are being measured through the Compact

Applicants selected in the three priority sectors (fertilizer, solar energy & ag processing)		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Private Sector Partnership	
January 2022	**Change Description:**	New Indicator

Justification:	Existing indicators do not sufficiently meet adequacy criteria
Justification Description:	Head-counting of applicants per sectors is determined necessary to track sectors of most interest and relevance of investments

Amount provided		
Project:	Climate-Resilient Communities	
Activity:	Climate-Resilient Agriculture	
Sub-Activity:	Private Sector Partnership	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	After further developing this sub-activity and updating the program logic, additional indicators were added to ensure all of the results statements are being measured through the Compact

Climate-Resilient Communities Project

Regional Sahel Pastoralism Support (PRAPS) Activity

Vaccination coverage	
Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support Activity

Sub-Activity:	Animal Health Sub-Activity												
January 2022	**Change Description:**	Target modification											
		Year 1		Year 2		Year 3		Year 4		Year 5		End of compact	
		CBPP	PPR	CBPP	PPR	CBPP	PPR	CBPP	PPR	CBPP	PPR	CBPP	PPR
	Revised Targets	55	38	60	41	65	44	70	47	80	80	80	80
	Previous Targets	TBD		TBD		TBD		TBD		80		80	
	Justification:	TBD replaced with target											

Veterinaries who complete training or re-training							
Project:	Climate-Resilient Communities						
Activity:	Regional Sahel Pastoralism Support Activity						
Sub-Activity:	Animal Health Sub-Activity						
January 2022	**Change Description:**	Target modification					
		Year 1	Year 2	Year 3	Year 4	Year 5	End of compact
	Revised Targets	0	N/A	N/A	28	28	28
	Previous Targets	TBD	TBD	TBD	TBD	TBD	TBD
	Justification:	TBD replaced with target					

Public posts of veterinary control built		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support Activity	
Sub-Activity:	Animal Health	
July 2019	**Change Description:**	Target modification
	Revised Baseline	2
	Previous Baseline	4
	Justification:	New information, approved by MCC, on existing or new variables emerges
	Justification Description:	After further investigation, MCC and the Ministry of Livestock and Agriculture have agreed that the Compact will be targeting the construction of 2 posts.

New private veterinary clinics upgraded or built		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support Activity	
Sub-Activity:	Animal Health	
January 2022	**Change Description:**	Retire indicator
	Justification:	Irrelevant due to change in Program, Project or Activity scope

Justification Description:	The construction of new private veterinary clinics is no longer considered in the revised design and logic

Public posts of veterinary control built		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support Activity	
Sub-Activity:	Animal Health	
January 2022	**Change Description:**	Retire indicator
	Justification:	Irrelevant due to change in Program, Project or Activity scope
	Justification Description:	The construction of public posts of veterinary control is no longer considered in the revised design and logic

Production growth rate		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Corridor Improvement	
July 2019	**Change Description:**	Retire indicator

	Justification:	Cost of data collection for indicator outweighs usefulness
	Justification Description:	Regular reporting of this indicator would be costly and logistically unfeasible. It has been moved to the category of evaluation indicators.

Communes with social accords		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Corridor Improvement	
January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	Social accords with communes are key to the ensuring agreement of local government authorities for the implementation of the projects, and thus a critical step on the logic and expected results

Hectares restored and secured	
Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	The revised logic and detailed design require tracking pasture lands as a key metric for corridor improvement investments

Pasture land management trained	
Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Corridor Improvement

January 2022	**Change Description:**	New Indicator
	Justification:	Existing indicators do not sufficiently meet adequacy criteria
	Justification Description:	The revised logic and detailed design require tracking training of land management personnel as a key measurement tool for corridor improvement investments

Animals sold	
Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Market Infrastructure

July 2019	**Change Description:**	Baseline modification
	Revised Baseline	837,508 (2017)
	Previous Baseline	0
	Justification:	New information, approved by MCC, on existing or new variables emerges
	Justification Description:	MCC anticipates rehabilitating existing markets rather than constructing new markets. The figure reported here is the sum of animals sold on all markets pre-selected for rehabilitation in the year prior to Compact implementation.

Animals presented for sale	
Project:	Climate-Resilient Communities
Activity:	Regional Sahel Pastoralism Support
Sub-Activity:	Market Infrastructure

July 2019	**Change Description:**	Baseline modification
	Revised Baseline	1,287,343 (2017)
	Previous Baseline	0
	Justification:	New information, approved by MCC, on existing or new variables emerges
	Justification Description:	MCC anticipates rehabilitating existing markets rather than constructing new markets. The figure reported here is the sum of animals sold on all markets pre-selected for

		rehabilitation in the year prior to Compact implementation.

Participants trained in rangeland management		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Market Infrastructure	
July 2019	**Change Description:**	Retire indicator
	Justification:	Indicator quality is determined poorer than initially thought when included in plan
	Justification Description:	After discussing with PRAPs sector lead, it was decided that there was substantial overlap between this indicator and "Organizations trained in management of pastoral land." Due to this redundancy, and this indicator being the less well defined of the two, it has been retired.

Dairy products sold		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Market Infrastructure	
January 2022	**Change Description:**	Retire indicator

Justification:	Irrelevant due to change in Program, Project or Activity
Justification Description:	Dairy product sale is no longer part of the logic and revised detailed Activity design, and thus, is no longer part of the program investments

Average price of dairy products		
Project:	Climate-Resilient Communities	
Activity:	Regional Sahel Pastoralism Support	
Sub-Activity:	Market Infrastructure	
January 2022	**Change Description:**	Retire indicator
	Justification:	Irrelevant due to change in Program, Project or Activity
	Justification Description:	Tracking sales of milk and derivative products is no longer part of the logic and revised detailed Activity design, and thus, is no longer part of the program investments