



Morocco Green Generation Program-for-Results (P170419)

MIDDLE EAST AND NORTH AFRICA | Morocco | Agriculture and Food Global Practice | Requesting Unit: MNC01 | Responsible Unit: SMNAG
IBRD/IDA | Program-for-Results Financing | FY 2021 | Team Leader(s): Remi Charles Andre Trier, Maria Claudia Pachon

Seq No: 3 | ARCHIVED on 02-May-2022 | ISR50687 | Created by: Remi Charles Andre Trier on 17-Mar-2022 | Modified by: Remi Charles Andre Trier on 21-Apr-2022

Program Development Objectives

Program Development Objective (from Program Appraisal Document)

The PDO is to increase the economic inclusion of youth in rural areas and the marketing efficiency and environmental sustainability of agri-food value chains in the Program area.

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory

Implementation Status and Key Decisions

Following approval by the Board on December 15, 2020 and signing of the Loan Agreement on December 22, 2020, the loan became effective on February 25, 2021.

Program Management Unit (PMU) and Steering Committee. Since last ISR, the PMU was formally created on November 10, 2021 as well as the joint Steering Committee (with the TREEA project financed by the French Agency for Development). The first Steering Committee was organized on February 14, 2022.

Implementation progress. Two DLI are already achieved and are being processed for disbursement: (i) **Food export improved** with 100% of export inspection certifications issued in digital forms in 2021 representing around 200,000 certifications (DLI#6 fully achieved and being disbursed); and (ii) **Digital ecosystem for Climate-smart agriculture established:** 530 users using the digital advisory support platform "ARDNA" (DLI #8.4 partially achieved).

The DLI#7 aiming at **Improving Food safety** with 1,000 agri-food enterprises authorized by ONSSA has been fully achieved, but still under verification.

Other activities also demonstrated progress such as the **Construction of modernized wholesale markets in four major cities**, with the Strategic E&S Assessment already completed and disclosed, on-going feasibility studies and creation of dedicated entities for their management (DLI#4). A mission of an FAO expert has been organized end of March 2022 to assess the progress for the 4 markets (Berkane, Marrakech, Meknes and Agadir).

In parallel to the PforR's implementation and contributing to the Result Area 3, **an AgriTech4Morocco Innovation Challenge** has been launched on March 31, 2022 with support from the Digital Development Partnership and in partnership with the CGIAR Accelerate for Impact Platform, IMPACT Lab, the Moroccan Ministry of Agriculture, Maritime Fisheries, Rural Development and Water and Forests (MAPMDREF) and the *Pôle d'Agriculture Digitale* (PAD). It is designed to scout, select, and accelerate disruptive solutions aimed at responding to the pressing challenges impacting the Moroccan agri-food sector. This initiative will have synergies with the WBG's project Innov'Invest.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
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P170419	IBRD-91860	Effective	USD	250.00	250.00	0.00	83.54	166.17	<div style="width: 33%; height: 10px; background-color: #28a745;"></div>	33%
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Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P170419	IBRD-91860	Effective	15-Dec-2020	22-Dec-2020	25-Feb-2021	31-Dec-2025	31-Dec-2025

DLI Disbursement

DLI ID	DLI Type	Description	Coc	DLI Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for DLI
Loan: IBRD91860-001							
1	Regular	DLR#1.1 - 500 in CY2021	EUR	642,600.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
2	Regular	DLR#1.2- cumulative 2000 in CY2022	EUR	1,927,800.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
3	Regular	DLR#1.3- cumulative 5000 in CY2023	EUR	3,855,600.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
4	Regular	DLR#1.4- cumulative 7500 in CY2024	EUR	3,213,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
5	Regular	DLR#1.5- cumulative 10000 in CY2025	EUR	3,213,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
6	Regular	DLR#2.1- Government Decree	EUR	4,284,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
7	Regular	DLR#2.2- Joint Ministerial Arrete	EUR	4,284,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
8	Regular	DLR#3.1- 3000 in CY2023	EUR	9,639,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
9	Regular	DLR#3.2- Cumulative 8000 in CY2024	EUR	16,065,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
10	Regular	DLR#3.3- Cumulative 16000 in CY2025	EUR	25,704,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
11	Regular	DLR#4.1- Borrower inacted Amendment	EUR	8,568,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
12	Regular	DLR#4.2- MOL's arrete	EUR	8,568,000.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
13	Regular	DLR#5.1- National Strategy	EUR	1,713,600.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
14	Regular	DLR#5.2- ESIA ESMO resettlement	EUR	10,281,600.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
15	Regular	DLR#5.3- Management Structure	EUR	3,427,200.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
16	Regular	DLR#5.4- The construction works	EUR	7,175,700.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>
17	Regular	DLR#5.5- Modernized Wholesale markets	EUR	6,854,400.00	Not Achieved	0.00	<div style="width: 0%; height: 10px; background-color: #6c757d;"></div>



18	Regular	DLR#6.1- 50% in CY2021	EUR	8,568,000.00	Fully Achieved	8,568,000.00		100 %
19	Regular	DLR#6.2- 100% in CY2022	EUR	8,568,000.00	Fully Achieved	8,568,000.00		100 %
20	Regular	DLR#7.1- 8200 in CY2021	EUR	10,281,600.00	Not Achieved	0.00		
21	Regular	DLR#7.2- Cumulative 8400 in CY2022	EUR	5,140,800.00	Not Achieved	0.00		
22	Regular	DLR#7.3- Cumulative 8600in CY2023	EUR	5,140,800.00	Not Achieved	0.00		
23	Regular	DLR#7.4- Cumulative 8800 in CY2025	EUR	5,140,800.00	Not Achieved	0.00		
24	Regular	DLR#8.1- GIS and Satellite image process	EUR	8,568,000.00	Not Achieved	0.00		
25	Regular	DLR#8.2- Land use digital mapping	EUR	8,568,000.00	Not Achieved	0.00		
26	Regular	DLR#8.3- Remote management	EUR	8,568,000.00	Not Achieved	0.00		
27	Regular	DLR#8.4- ARDNA Platform	EUR	8,568,000.00	Partially Achieved	605,472.00		7.1 %
28	Regular	DLR#9.1- 3000 producers	EUR	4,284,000.00	Not Achieved	0.00		
29	Regular	DLR#9.2- Cumulative 9000 producers	EUR	8,568,000.00	Not Achieved	0.00		
30	Regular	DLR#9.3- Cumulative 12000 producers	EUR	4,284,000.00	Not Achieved	0.00		

Program Action Plan

Action Description	(i) POM approved by the Borrower, and (ii) instructions issued for its use by Program implementing entities				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		MAPMDREF	Other	30 days after Effectiveness; March 2021	Completed
Completion Measurement	POM approved and instructions issued				
Comments					

Action Description	Recruitment of TA to strengthen PMU capacities				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Technical		MAPMDREF	Due Date	29-Apr-2022	In Progress
Completion Measurement	TA recruitment contract signed				



Comments	The procurement process to hire the technical Assistance to the PIU has just started with the call for proposal launched on April 11, 2022. The WB has recruited an individual consultant to support the PMU while the TA is not yet in place.
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Action Description	Appointment of E&S Focal Point				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S Focal Point	Due Date	31-Mar-2021	Completed
Completion Measurement	Mission Statement				
Comments	A Focal Point has been appointed within the PMU				

Action Description	Development of a Technical Manual (Manual of Good Environmental and Social Management Practices) and preparation of validation workshop				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S Focal Point	Due Date	31-Dec-2021	Delayed
Completion Measurement	Technical manual submitted and approved by the World Bank Dissemination Plan				
Comments					

Action Description	Dissemination and training on the Technical Manual				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S Focal Point	Other	From the second half of 2021	Delayed
Completion Measurement	Number of key personnel trained				
Comments					

Action Description	Environmental and social management procedures - Implementation of all procedures and tools defined in the Technical Manual				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/Focal Point (E&S)	Other	Implemented throughout the Program	Not Yet Due



Completion Measurement	Follow-up reports submitted by the Focal Point
Comments	

Action Description	Strategic Environmental and Social Assessment - Wholesale Markets Strategy/Master Plan SESA				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S Focal Point	Due Date	30-Jun-2021	Completed
Completion Measurement	SESA submitted and approved by the Bank				
Comments	Completed				

Action Description	Environmental and Social Impact Studies of wholesale markets - Implementation and publication of the ESIA/ESMPs for each of the 4 wholesale markets and, as applicable, resettlement action plans.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S Focal Point	Other	Prior to the commencement of the civil works	Not Yet Due
Completion Measurement	ESIAs and depending ESMPs submitted and approved by the World Bank				
Comments	ES Strategic framework on process				

Action Description	Enforcement and regulatory strengthening - Consideration of E&S management in Mol's Arrêté fixing the modalities regarding the creation and functioning of the modernized wholesale markets				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/Focal Point (E&S)	Other	Before the end of the 1st year	Not Yet Due
Completion Measurement	Text acceptable to the Bank				
Comments					

Action Description	Development of inclusion and disability plans				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S focal point	Other	During technical planning	Not Yet Due
Completion Measurement	Inclusion and disability plans developed				
Comments					



Action Description	Development of a Grievance Redress Mechanism and related reporting model				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S Focal Point	Due Date	30-Jun-2021	Delayed
Completion Measurement	Model submitted and approved by the World Bank; Number of stakeholders adopting the system; Reporting model submitted and approved by the World Bank.				
Comments	Dedicated GRM for the program is not operational, but the Program uses the GRM system already in place for all activities carried out by the MAPMDREF				

Action Description	Grievance Redress Mechanism - Collection and processing of grievances				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S focal point	Other	Program duration	Delayed
Completion Measurement	Half-yearly report submitted by the E&S Focal Point				
Comments					

Action Description	Preparation of quarterly procurement performance monitoring reports to reduce delays in the procurement process				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		MAPMDREF/ DDFP	Recurrent	Quarterly	Delayed
Completion Measurement	Availability of quarterly procurement performance monitoring reports				
Comments					

Action Description	Preparation and implementation of social action plans for wholesale markets				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S focal point	Other	Before transfer of activities to new wholesale markets	Not Yet Due
Completion Measurement	Social action plans developed, consulted with stakeholders, and implemented				
Comments					



Action Description	Preparation and signing of (and compliance with) code of conduct				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/E&S focal point Participating enterp	Other	Program duration	Not Yet Due
Completion Measurement	Regular reporting by E&S Focal Point to WB				
Comments					

Action Description	Environmental and social monitoring procedures - Regular collection of reports				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PMU/Focal Point (E&S)	Other	Program duration	Delayed
Completion Measurement	Follow-up reports submitted by the Focal Point				
Comments					

Action Description	Synchronization between the budget process of acquisition of teaching material and the process of accreditation of the new training course by the Ministry of Higher Education and Scientific Research				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		IAV	Other	During yearly budget programming	Not Yet Due
Completion Measurement	Synchronization ensured				
Comments	The accreditation of the new training course by the Ministry of Higher Education and Scientific Research has been obtained, and registration will be open to students from next year.				

Action Description	Development of integrated budget schedule, detailing both the timetable for carrying out the project engineering studies and the timetable for acquiring the software and satellite images.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		ONSSA	Other	During yearly budget programming	Not Yet Due
Completion Measurement	Integrated budget schedule prepared				
Comments					

Action Description	Inclusion of two sections in the POM:				
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	<ul style="list-style-type: none"> • A dedicated section for the youth financing scheme. • A dedicated section for pilot initiative for the emergence and empowerment of agricultural service cooperatives for young people. 				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		ADA/PMU	Other	30 days after Effectiveness	Completed
Completion Measurement	POM sections dedicated to youth financing completed.				
Comments					

Action Description	Establishment of a simple integrated M&E system for Program implementation				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Other		MAPMDREF	Due Date	16-Sep-2021	Delayed
Completion Measurement	M&E system deployed and operational				
Comments					

Action Description	Conduct of mid-term evaluation and end-of-Program implementation evaluation of results and impacts				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Other		MAPMDREF	Other	30 June 2023 (mid-term), 31 March 2025 (end-of- Program)	Not Yet Due
Completion Measurement	Evaluations completed				
Comments					

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	□ Moderate	□ Low	□ Low



Macroeconomic	☐ Moderate	☐ Moderate	☐ Moderate
Sector Strategies and Policies	☐ Moderate	☐ Low	☐ Low
Technical Design of Project or Program	☐ Moderate	☐ Moderate	☐ Moderate
Institutional Capacity for Implementation and Sustainability	☐ Moderate	☐ Moderate	☐ Moderate
Fiduciary	☐ Moderate	☐ Moderate	☐ Moderate
Environment and Social	☐ Moderate	☐ Moderate	☐ Moderate
Stakeholders	☐ Moderate	☐ Moderate	☐ Moderate
Other	--	☐ Moderate	☐ Moderate
Overall	☐ Moderate	☐ Moderate	☐ Moderate

Results

PDO Indicators by Objectives / Outcomes

INCREASED JOB OPPORTUNITIES AND INCOME GENERATION FOR RURAL YOUTH				
▶ Number of young people who have created agriculture-related enterprises that have been operational for at least six months (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	13,000.00
Date	01-Jan-2021	15-Sep-2021	30-Mar-2022	31-Dec-2025
Comments	This indicator measures the number of young people who have created agriculture-related enterprises that have been operational for at least six months. Progress at the time of the ISR's preparation (March 2022): This is an objective whose achievement depends on the support of young people in pre and post creation, particularly in the context of FDA funding (specific subsidies for young farmers and entrepreneurs) or other bank financing programs for youth such as Intilaka. These activities are ongoing.			
☐ of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
IMPROVED MARKETING EFFICIENCY OF AGRI-FOOD MARKETING SYSTEMS				
▶ Volume of local products marketed through modernized wholesale markets (in metric tons) (Metric ton, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	865,000.00
Date	01-Jan-2021	15-Sep-2021	30-Mar-2022	31-Dec-2025
Comments	The indicator measures the volume of local products marketed through modernized wholesale markets.			



Progress at the time of ISR's preparation (March 2022): This PDO is linked to the construction and operationalization of the four wholesale markets. An activity that is also ongoing

ADOPTION OF CLIMATE SMART PRACTICES

► Number of producers adopting climate smart agriculture practices (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	12,000.00
Date	01-Jan-2021	15-Sep-2021	30-Mar-2022	31-Dec-2025
Comments	Number of producers in selected modernized irrigation schemes adopting climate-smart agriculture practices (as defined in the Program Operational Manual—POM) in synergy with the newly deployed drip irrigation technology. Progress at the time of ISR's preparation (March 2022): It is related to the deployment of agricultural advisory extension services for the efficient use of water (for 12,000 farmers) and from the implementation of an M&E system measuring the related impacts (ONCA/DIAEA/ORMVA) This activity has not yet been carried out because it is scheduled for late 2022/beginning 2023.			
□ of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00

Intermediate Results Indicators by Results Areas

Increased job opportunities and income generation for rural youth				
► Young people informed, identified and guided by the entrepreneurship support system on the service offer on agricultural entrepreneurship through communication campaigns and ideation sessions (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	4,603.00	90,000.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	90,000 young people will take advantage of these sessions, to be organized in seminars or workshops, to allow them to inquire about the economic opportunities of their territory and the technical and financial opportunities offered by the support system for agricultural entrepreneurship.			
□ of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	29.00	25.00
► Trainers trained to develop the capacities of agricultural vocational training establishments on agricultural entrepreneurship (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	60.00



Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	60 trainers will be trained, through technical assistance, to deliver training modules on agricultural entrepreneurship to trainees in the vocational training system in its different modes and levels of training. Activity postponed to 2023 for limitations of budget.			
<input type="checkbox"/> of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
▶ Number of business plans prepared by young entrepreneurs in rural areas eligible for a commercial loan (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10,000.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	10,000 young entrepreneurs are supported in pre-creation by the support system for agricultural entrepreneurship, through technical assistance through group training, personalized advice and internships in companies over a period of 3 to 6 months. Activity programed for 2023 calendar year			
<input type="checkbox"/> of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
▶ Young entrepreneurs who benefited from FDA incentives for rural investments (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	16,000.00
Date	31-Dec-2020	15-Sep-2021	29-Mar-2022	31-Jul-2020
Comments	16,000 young people will benefit from an incentive to start their businesses. Activity programed for 2023 calendar year			
<input type="checkbox"/> of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
▶ Reform of the legal framework of the FDA to include incentives for young rural entrepreneurs (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	no	no	no	The governmental decree to provide incentives for young entrepreneurs to start their rural investments



				has been adopted. The joint ministerial Arrêté by MAPMDREF, MEFRA and MI to provide incentives to support agricultural service companies has been adopted.
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	<p>The objectives are the following: Texts on the changes of the incentive and legal framework of the FDA for the benefit of young entrepreneurs in the agricultural sector promulgated: 1. The governmental decree to provide incentives for young entrepreneurs to start their rural investments has been adopted. 2. The joint ministerial Arrêté by MAPMDREF, MEFRA and MI to provide incentives to support agricultural service companies has been adopted.</p> <p>As of April 2022, the legal documents have been drafted and are awaiting decision from the head of Government (SGG).</p>			
► Service companies receiving an incentive to support a structured agricultural entrepreneurship (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	800.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	800 service companies (10 young people per company) will benefit from a financial incentive. Activity programed for 2023.			
► Young people who have benefited from aid for the rental of agricultural land (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	14,500.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	14,500 young people who benefit from aid for renting agricultural land. Activity programed for 2023 calendar year.			
□ of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
► Young people trained and innovative projects awarded & supported (national competition) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	Number of young people trained and supported following the launch of two calls for projects for the identification of innovative projects (digital and climate-resilient). Tender document ready. Activity will start in second half of calendar year 2022.			



□ of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
▶ Young people supported for the emergence and empowerment of agricultural service cooperatives (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	Number of young people supported as part of a pilot initiative for the emergence and empowerment of agricultural service cooperatives. Activity programed within the Solidarity Agriculture. Still programed to start in 2022 calendar year.			
□ of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
▶ At least one public consultation on the Program carried out each year by MAMPDREF (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	Yes	Yes
Date	31-Dec-2020	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	The indicator measures whether at least one public consultation on the Program was carried out each year by MAMPDREF. The public consultation was held on January 25, 2022 for the Strategic Environmental and Social Assessment.			

Improved efficiency and sustainability of agri-food marketing systems				
▶ Revised legal and regulatory framework governing the new modernized wholesale markets established (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	no revision	no revision	no revision	The Borrower has enacted amendments to article 83 of the Organic Law No. 113-14 to clarify the relationship between the private sector and municipalities as pertains to the setting up and management choice of modernized wholesale markets. The Mol's Arrêté fixing the modalities



				regarding the creation and functioning of the modernized wholesale markets has been published in the Official Gazette.
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	The revision of the regulatory framework is key to implementing the agricultural wholesale market program and needs to be completed upfront before any development of market facilities would take place. As of March 31, 2022, legal documents have been already drafted but still need to be aligned with the reform of the organic law in progress (regional, provincial and communal organic law)			
► Modernized wholesale market program developed (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	not started	not started	not started	The construction works and installation of equipment for each modernized wholesale market have been completed. The modernized wholesale markets are operational.
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	<p>Four modernized wholesale markets are set up and operational (Berkane, Agadir, Meknes and Marrakech).</p> <ul style="list-style-type: none"> Meknes: Feasibility study to be updated. Land title acquisition on-going within the Agropole (the commune v Developing company identified (MEDZ). Specific agreement to be signed. SDL or SDR to be created. Berkane: Feasibility study to be updated. Land to be rent by the commune in a long-term lease. Developing Omrane). Revised specific agreement under preparation (the previous agreement was signed in 2013 for a created. Marrakech: Feasibility study to be carried out (TORs ready to be published) and developing company to be secured. SDL or SDR to be created Agadir: Land identified (Industrial area Ait Melloul) and to be acquired by the Region (on going). Feasibility company selected (AREP/SM) but no official agreement signed. SDL or SDR to be created 			
► Export approvals issued digitally (filing of applications, monitoring, granting and renewal of approvals) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	The indicator measures the percentage of the formulation of requests and granting of export approvals done digitally.			
► Food export performance improved: percentage of export inspection certifications issued in digital form (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	100.00	100.00	100.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	The indicator measures the percentage of inspection requests made by exporters on a dedicated platform and respective inspection certificates issued digitally.			
► Number of agri-food enterprises/organizations authorized by ONSSA for improved market access and improved food safety (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7,800.00	8,707.00	8,800.00	8,800.00
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	Number of health approvals/authorizations issued.			

Enhanced digitalization of agriculture and adoption of climate smart practices

► Study on digital transformation of MAPMDREF prepared (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	Results of the Department of Agriculture's digital transformation study. As of April 18, 2022, the approval of Chief of Govt has been granted to proceed with the tendering process.			
► Land use digital mapping tool for climate-smart agriculture covering 500,000 hectares has been deployed (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6,500,000.00	6,500,000.00	6,500,000.00	7,000,000.00
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	Deployment of a land use digital mapping tool for Climate-Smart Agriculture. As of March 31, 2022, the following activities were carried out, namely (i) the development and validation of the methodological approach for mapping the agricultural potential of soils based on the FAO framework, and (ii) the testing of the methodology on the perimeter irrigated from the Gharb for three annual crops and one perennial crop.			
► Digital platform for precision farming implemented and operational (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	Digital platform for precision agriculture based on artificial intelligence, image processing (drones or satellites) and on agronomic calibration tests for effective spatio-temporal monitoring of crops is established and operational.			



As of March 2022, The design of digital platforms as well as the definition of methods for spatial monitoring of crops have been carried out. Concerning Big Data and the networking of laboratories, there was identification of the latter as well as the identification of parameters and indicators.

► GIS and satellite image processing covering 2 million hectares are operational and deployed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000,000.00
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	Acquisition and installation of a Geographic Information System (GIS) and a satellite image processing system. As of March 31, 2022, the contract N°63/2021 for the GIS has been awarded.			

► Remote management systems in selected modernized irrigation schemes covering 8,000 hectares are operational and deployed (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8,000.00
Date	01-Jan-2021	15-Sep-2021	31-Mar-2022	31-Dec-2025
Comments	Area equipped with remote recovery and remote management systems for controlling water distribution in modernized irrigation sectors			

► ARDNA platform upgraded and 7,500 users registered (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	530.00	7,500.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	Number of active users registered on the ARDNA platform (producers, agricultural advisers, researchers, ...).			

□ of which female (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00

► Number of producers benefiting from a pilot initiative for the promotion of agroecology and organic farming (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	Producers benefiting from support for the retraining of their projects for the adoption of agroecological or organic management practices			

□ of which female (Percentage, Custom Supplement)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
► Agricultural engineers graduated in data science applied to agriculture (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	Agricultural engineers who have received diploma training over 18 months in data science applied to agriculture. The curriculum was approved. First diploma are scheduled for February 2024.			
□ of which female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
► Women cooperatives have received training through digital technologies developed under the Program (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	01-Jan-2021	15-Sep-2021	29-Mar-2022	31-Dec-2025
Comments	Number of women cooperatives who have received training through digital technologies developed under the Program.			

Disbursement Linked Indicators

► DLI 1 Number of business plans prepared by young entrepreneurs in rural areas eligible for a commercial loan (Intermediate Outcome, 15,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	0.00	0.00	0.00	DLR#1.5: cumulative 10,000 in CY2025, from a baseline of 7,500
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	AS of March 31, 2022, 525 of business plans prepared by young entrepreneurs in rural areas, but not yet approved as eligible yet for commercial loan.			

► DLI 2 Reform of the legal framework of the FDA to include incentives for young rural entrepreneurs (Intermediate Outcome, 10,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	Existing legal framework not including specific	not completed	not completed	--



	incentive measures for young people			
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	Legal documents drafted and are being awaiting approval			

► DLI 3 Young entrepreneurs who benefited from FDA incentives for rural investments (Output, 60,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	0.00	0.00	0.00	DLR#3.3: cumulative 16,000 in CY2025, from a baseline of 8,000
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	No progress yet. Awaiting final decision on FDA incentives.			

► DLI 4 Revised legal and regulatory framework governing the new modernized wholesale markets established (Process, 20,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	Current regulatory framework for wholesale markets	not completed	not completed	--
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	Legal documents already drafted.			

► DLI 5 Modernized wholesale market program developed (Output, 34,375,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	New wholesale market program not developed	in progress for 5.1	5.1 completed and being verified	DLR 5.4: The construction works and installation of equipment for each modernized wholesale market have been completed (x4, total: US\$ 8,375,000); DLR 5.5: The modernized wholesale markets are operational (x4, total: US\$ 8,000,000)
Date	--	15-Sep-2021	31-Mar-2022	--
Comments				



► DLI 6 Food export performance improved: percentage of export inspection certifications issued in digital form (Outcome, 20,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	0.00	100%	100%	--
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	Achieved.			

► DLI 7 Number of agri-food enterprises/organizations authorized by ONSSA for improved market access and improved food safety (Outcome, 30,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	7,800	8,707	8,800.00	--
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	8,800 achieved and Under verification.			

► DLI 8 Digital ecosystem for climate-smart agriculture established (Output, 40,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	0.00	In progress for 8.4	In progress for 8.4	--
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	For 8.4: ARDNA platform, 530 users registered for the target of 7,500 users registered (responsibility ONCA)			

► DLI 9 Adoption of climate-smart agriculture practices for the efficient use of water (Outcome, 20,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	CY 2025
Value	0.00	0.00	0.00	--
Date	--	15-Sep-2021	31-Mar-2022	--
Comments	No progress so far			