



## Agro-Climatic Resilience in Semi-Arid Landscapes (ACReSAL) (P175237)

Western and Central Africa | Nigeria | Environment, Natural Resources & the Blue Economy Global Practice | IBRD/IDA | Investment Project Financing | FY 2022 | Seq No: 1 | ARCHIVED on 30-May-2022 | ISR50492 |

Implementing Agencies: Federal Ministry of Environment, The Federal Republic of Nigeria

### Key Dates

#### Key Project Dates

Bank Approval Date: 14-Dec-2021

Effectiveness Date: --

Planned Mid Term Review Date: 27-Oct-2025

Actual Mid-Term Review Date:

Original Closing Date: 31-Mar-2028

Revised Closing Date: 31-Mar-2028

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The PDO is to increase the implementation of sustainable landscape management practices in targeted watersheds in northern Nigeria and strengthen Nigeria's long-term enabling environment for integrated climate-resilient landscape management.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

### Components Table

Name

Component A: Dryland Management:(Cost \$327.80 M)

Component B: Community Climate Resilience:(Cost \$293.40 M)

Component C: Institutional Strengthening and Project Management:(Cost \$78.80 M)

Component D: Contingent Emergency Response

### Overall Ratings

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

### Implementation Status and Key Decisions

The Agro-Climatic Resilience in Semi-Arid Landscapes Project was approved by the World Bank Board in December 2021. The project is not yet effective.



**Risks**

**Systematic Operations Risk-rating Tool**

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	☐ Substantial	--	☐ Substantial
Macroeconomic	☐ Substantial	--	☐ Substantial
Sector Strategies and Policies	☐ Moderate	--	☐ Moderate
Technical Design of Project or Program	☐ Substantial	--	☐ Substantial
Institutional Capacity for Implementation and Sustainability	☐ Substantial	--	☐ Substantial
Fiduciary	☐ Substantial	--	☐ Substantial
Environment and Social	☐ High	--	☐ High
Stakeholders	☐ Substantial	--	☐ Substantial
Other	☐ High	--	☐ High
Overall	☐ High	--	☐ High

**Results**

**PDO Indicators by Objectives / Outcomes**

PDO Level Indicators				
▶ Land area under sustainable landscape management practices (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	830,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	The indicator measures, in hectares, the land area for which new and/or improved sustainable landscape management practices have been introduced. Land is the terrestrial biologically productive system comprising soil, vegetation, and the associated ecological and hydrological processes; Adoption refers to change of practice or change in the use of a technology promoted or introduced by the project; Sustainable landscape management (SLM) practices refers to a combination of at least two technologies and approaches to increase land quality and restore degraded lands for example, agronomic, vegetative, structural, and management measures that, applied as a combination, increase the connectivity between protected areas, forest land, rangeland, and agriculture land.			
☐ Area under improved catchment management (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	70,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028



<input type="checkbox"/> Area under community-led landscape restoration (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	350,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
<input type="checkbox"/> Protected areas under improved management (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	300,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
<input type="checkbox"/> Area provided with new/improved irrigation or drainage services (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	10,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
<input type="checkbox"/> Area under improved rainwater harvesting (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
<input checked="" type="checkbox"/> Enabling environment for integrated landscape management strengthened (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Enabling environment for integrated landscape management in need of strengthening	--	NA	Enabling environment for integrated landscape management strengthened
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	"Enabling environment" refers to integrated knowledge base and analytics, policies, and institutions integrated into multisector planning and investment efforts at federal and state levels. The indicator will be measured by the attainment of specific, time-bound milestones as follows: Year 2: Knowledge and analytics platform for integrated dryland management in operation, publicly accessible, and supporting knowledge, learning, and decision making; strategic landscape-scale watershed plans created and providing guidance for SLM practices; Year 4: 50% of targeted states with effective dryland management coordination mechanisms; policies submitted for approval: water sector policy; environmental sector policy; agriculture sector policy; Year 5: National integrated dryland management strategy submitted for approval; multisector policy on dryland management submitted for approval; and Year 6: 100% of targeted states with effective dryland management coordination mechanisms			
<input checked="" type="checkbox"/> Increase in Normalized Difference Vegetation Index (NDVI) in targeted areas, correcting for natural variability. (Percentage, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	5.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	<p>NDVI is a measure of the state of plant health based on how the plant reflects light at certain frequencies. It quantifies vegetation by measuring the difference between near-infrared (which vegetation strongly reflects) and red light (which vegetation absorbs). The NDVI will be calculated as an annual average. NDVI will be an annual average (controlling for climate), and targets vegetative interventions in the following areas: areas benefiting from afforestation in degraded ecosystems (including in targeted watersheds and around targeted national parks), areas under community-led landscape restoration, and areas under irrigation, rainwater harvesting, agricultural improvement, and sand dune control.</p>			
<b>► Direct project beneficiaries (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3,400,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	<p>This indicator measures the number of people directly benefiting from project activities. Direct project beneficiaries are those people benefitting from micro-watershed planning and linked investments facilitating adaptation to evolving dryland conditions in 200 targeted micro-watersheds. Benefits from linked investments may include: improved flood and erosion control protection, ecosystem services, improved advisory services providing information on climate hazards and agricultural information, livelihoods strengthening and enterprise opportunities, improved access to credit, improved access to water for agriculture, capacity strengthening for targeted activities, increased and improved agricultural inputs and services, improved access to fuelwood and sustainable energy, restored and better managed land for agricultural and livelihoods purposes.</p>			
<b>□ Number of direct project beneficiaries - Female (Number, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	1,680,000.00

### Intermediate Results Indicators by Components

<b>Component A. Dryland Management</b>				
<b>► Multisectoral strategic watershed plans completed with appropriate analytical and stakeholder inputs (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	20.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	<p>"Analytical inputs" refers to relevant environmental and socioeconomic data assembled in dynamic models of watershed and their ecosystem services. "Appropriate stakeholders" refers to relevant agencies, technical and subject matter experts, and other pertinent stakeholders.</p>			
<b>► Total water storage capacity added or restored through project interventions (Cubic Meter(m3), Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	51,700,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	"Restored" refers to i) rehabilitation of existing small dams/reservoirs, ii) rehabilitation, replacement and/or decommissioning of deep boreholes, iii) rehabilitation and construction of associated hydraulic infrastructure (including, borehole heads, pumps and meters), and iv) development and/or improvements of irrigation and drainage networks.			
<b>► Targeted gully complexes treated with appropriate measures (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	16.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	This indicator measures the number of gully complexes that have been treated with appropriate measures to mitigate erosion as planned.			
<b>► Area benefitting from improved information and extension services contributing to improved climate-smart sustainable agriculture systems (Hectare(Ha), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	400,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	Activities to be monitored by this indicator include: improved access to weather forecasts, capacity building and monitoring of improved integrated pest management, improved eco-friendly plant nutrient management, improved soil carbon enhancement techniques, access to improved climate-resilient inputs, and enhanced knowledge of approaches to improved on-farm land and water management and sustainable cropping practices.			
<b>► Restoration of riparian areas in sensitive habitats (Hectare(Ha), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	50,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	Restoration" refers to restoring land, putting in place buffer zone protection areas (preferably with native species), works to repair and stabilize riverbanks, removal of invasive species, removal of debris in waterways, among other actions.			

Component B. Community Climate Resilience

**► Community-based organizations with increased capacity (Number, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	1,000.00



Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	Capacity strengthening activities include: erosion management, disaster prevention, operation and management, agro-climatic resilience trainings, group management, conflict management, gender-based violence, landscape restoration, nature based solutions, natural resource degradation, climate change risks, drivers of farmer-herder conflicts, health risks for cooking with firewood and charcoal, and peacebuilding.			
▶ Integrated micro-watershed management plans completed with community participants (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	200.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	This is a citizen engagement indicator that measures the number of integrated micro-watershed plans designed and implemented with the community using participatory approaches. Incorporating community participation is integral to the production of plans and appropriate participation will be further defined in the project M&E manual.			
▶ Farmers reached with agricultural assets or services (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	750,000.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	This indicator measures the number of farmers who were provided with agricultural assets or services as a result of World Bank project support. "Agriculture" or "Agricultural" includes: crops, livestock, capture fisheries, aquaculture, agroforestry, timber, and non-timber forest products. Assets include property, biological assets, and farm and processing equipment. Biological assets may include animal agriculture breeds (e.g., livestock, fisheries) and genetic material of livestock, crops, trees, and shrubs (including fiber and fuel crops). Services include research, extension, training, education, ICTs, inputs (e.g., fertilizers, pesticides, labor), production-related services (e.g., soil testing, animal health/veterinary services), phyto-sanitary and food safety services, agricultural marketing support services (e.g., price monitoring, export promotion), access to farm and post-harvest machinery and storage facilities, employment, irrigation and drainage, and finance. Farmers are people engaged in agricultural activities or members of an agriculture-related business (disaggregated by men and women) targeted by the project.			
□ Farmers reached with agricultural assets or services - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	150,000.00
▶ Women-led/owned enterprises, cooperatives, and farmer groups receiving financial and technical support (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	20.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	This gender-focused indicator measures the percentage of women-led/owned enterprises, cooperatives, and farmer groups receiving financial and technical support. "Technical support" may include vocational and financial literacy training, and training in leadership, group decision-making, book-keeping, and business management.			



Component C. Institutional Strengthening and Project Management				
<b>► Proposed integrated knowledge and analytics platform operational and supporting knowledge, learning, and decision making (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Proposed integrated knowledge & analytics platform - not yet initiated	--	NA	Knowledge and analytics platform operational and supporting knowledge, learning, and decision making
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	This indicator measures the operation of the knowledge base and analytics platform to support knowledge, learning, and decision making (for climate, land cover, land degradation, and watershed management). The indicator will be measured by the attainment of specific, time-bound milestones as follows: Year 1: Stocktaking of available data (from in situ, earth observation) and services; Year 2: Initial knowledge base and analytical tools for Northern Nigeria watershed planning; Year 3: Draft online catalog of relevant services and decision support dashboards; Year 4: Draft Nigeria-wide data and analytics platform for integrated landscape planning; Year 5: Rollout of Nigeria-wide data and analytics platform; Year 6: Sustainability plan for knowledge base and analytics.			
<b>► Targeted states with effective multisector landscape management coordination mechanisms (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	--	0.00	100.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	"Effective" refers to coordination mechanisms operating with access to an adequate knowledge base and across relevant administrative and sectoral levels, engaging in joint planning exercises, and promoting a shared vision for all stakeholders. The baseline figure of ten percent accounts for at least two multisector dryland management coordination agencies initiated under the NEWMAP project in Katsina and Kogi States.			
<b>► Project management units meeting agreed standards (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	90.00
Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	This indicator measures the percentage of active project management units that are delivering the project according to standards as defined in the PIM. Standards should include: delivery indicators, responsiveness to clients and partners, quality of support, transparency, adoption of process monitoring recommendations.			
<b>► Grievances responded to within the stipulated service standards for response times as outlined in the Project Implementation Manual (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	95.00



Date	16-Dec-2021	--	02-Mar-2022	31-Mar-2028
Comments:	This indicator measures the efficacy of the GRM as a percentage of grievances responded to within the stipulated service standards for response times as outlined in Project Implementation Manual.			

**Performance-Based Conditions**

**Data on Financial Performance**

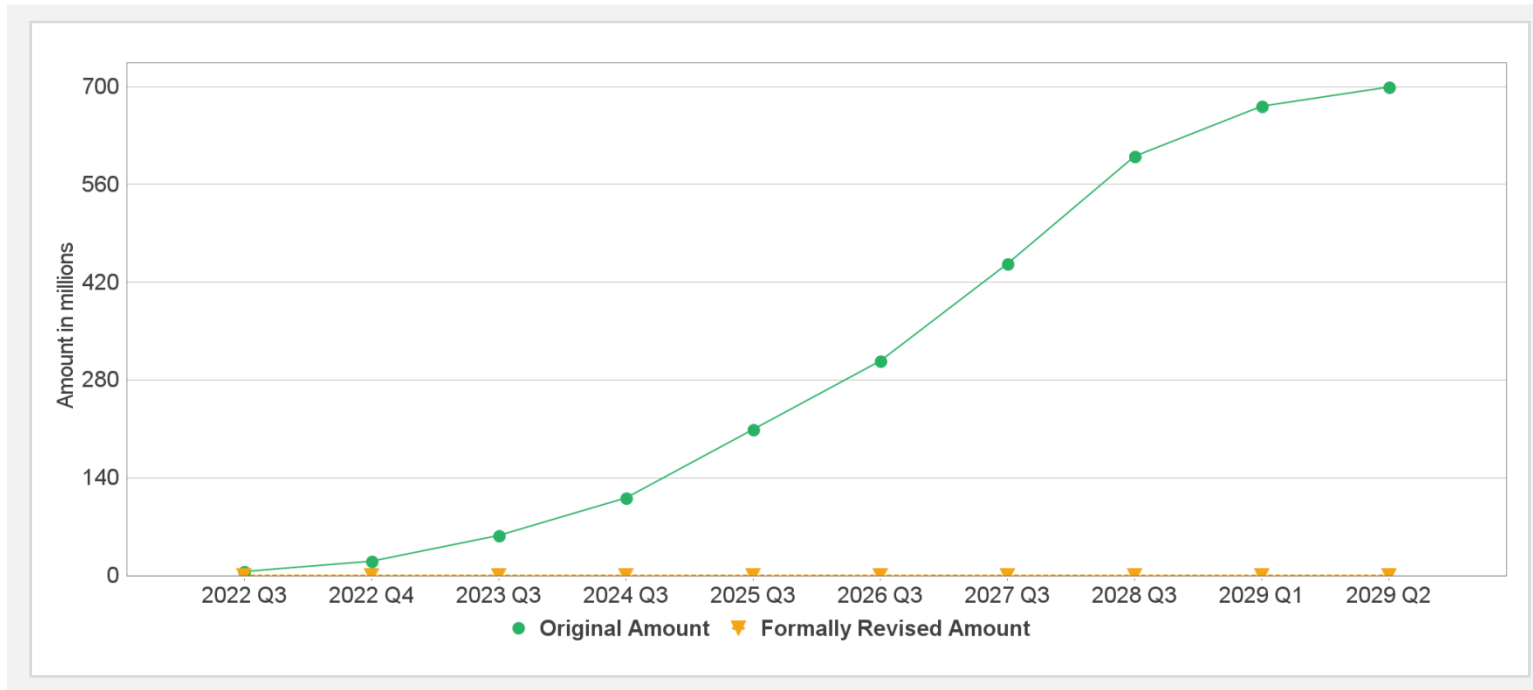
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P175237	IDA-70150	Not Effective	USD	700.00	700.00	0.00	0.00	684.16	0%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P175237	IDA-70150	Not Effective	14-Dec-2021	24-Feb-2022	--	31-Mar-2028	31-Mar-2028

**Cumulative Disbursements**







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### **Restructuring History**

There has been no restructuring to date.

### **Related Project(s)**

There are no related projects.

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