



## Chad Local Development and Adaptation Project (P171611)

WESTERN AND CENTRAL AFRICA | Chad | Environment, Natural Resources & the Blue Economy Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2020 | Seq No: 7 | ARCHIVED on 13-Dec-2023 | ISR59231 |

Implementing Agencies: Ministry of Environment, Water and Fisheries, Republic of Chad

## Key Dates

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Bank Approval Date: 12-Jun-2020

Effectiveness Date: 22-Sep-2020

Planned Mid Term Review Date: 15-Nov-2023

Actual Mid-Term Review Date: 08-Nov-2023

Original Closing Date: 31-Oct-2025

Revised Closing Date: 31-Oct-2025

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve the management of natural resources and the livelihood of populations in selected climate vulnerable areas in and around the Ouadi Rime and Ouadi Achim (OROA) reserve in Chad.

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

No

## Components Table

Name

Component 1. Sustainable Natural Resources Management and Protected Areas:(Cost \$13.00 M)

Component 2. Promoting Diversified, Resilient, Sustainable Livelihoods:(Cost \$36.45 M)

Component 3: Project Management, Coordination, and Monitoring:(Cost \$5.00 M)

Component 4: Contingency Emergency Response Component

## Overall Ratings

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

## Implementation Status and Key Decisions

This ISR covers the project implementation support mission that took place from October 23 to November 8. The mission also served as the Mid-Term Review. The mission included consultations with Government ministries, implementing partners and stakeholders including a site visit to Oryx Camp and activities in Arada. In addition, the mission visited sites outside of the current project intervention zone but in the same Eastern province of (Wadi Fira) to gain a better understanding of the dynamics related to water scarcity and natural resource degradation, issues that the project is addressing, in zones that are affected by the inflow of refugees fleeing the war in Sudan.



The implementation of all project activities have demonstrated notable progress since the previous mission, especially considering that slow start. More improvements are expected the coming months on all components. A candid review of project's activities are conducted and the mission recommend the implementation agencies to focus on activities that can be delivered during the project life time. The Project is planned to close by October 31, 2025.

The mission have worked to identify potential activities to be implemented in the eastern part of Wadi Fira and Waddai provinces affected by the refugees from Sudan war. These activities are related to water supply and actions to protect the already fragile ecosystems.

**Progress toward PDO and overall project implementation status are proposed as Moderately Satisfactory with a path towards**

**Satisfactory rating:** Although there is some progress in the implementation, the disbursement remains moderately low. The project is now taking off with activities implementation by SOSSIF and SCF as well as those implemented under the leadership of the project coordination unit.

GIRE and WSS contracts are awarded, GIRE contract will start after its signing process while for WSS the civil works bidding document is expected by January 2024. The process of selection of the contractors to implement the civil works requires very close follow up and monitoring by the project teams in order to inform the management on time to help anticipate the procurement delays.

Activities in the two hotspots of Arada and Kalait need more investigation on the available water resources and the appropriate infrastructure to be built. These two hotspots are in areas where access to water resources is difficult due to the characteristics of the bedrock zone of the entire area.

The type and the magnitude of development will depend very much on the project's ability to mobilize surface water during the rainy season to recharge the alluvial aquifers. This zone is similar to zones in the East and will help to inform appropriate interventions.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Macroeconomic	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Environment and Social	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Overall	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

## Results

### PDO Indicators by Objectives / Outcomes

Improve the management of natural resources in selected climate-vulnerable areas in and around OROA				
► Share of populations of key species stabilized or increased on the OROA Reserve's territory (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	70.00



Date	01-Jul-2020	15-Nov-2023	15-Nov-2023	31-Oct-2025
Comments:	This indicator measures the success of the Project's activities on biodiversity conservation on the territory of the OROA Reserve, using as a proxy the status of the populations of select species, deemed suitable for acting as meaningful indicator of conservation effectiveness. The list of species includes: the Scimitar-horned oryx, the Addax, the Dama gazelle, the Dorcas gazelle, the Red-fronted gazelle, the Arabian bustard, the Denham's bustard, the Nubian bustard, the white-bellied bustard, the black-bellied bustard, the Saville's bustard, the Lappet-face vulture, the Rueppell's vulture, and the Ostrich. Conservation efforts would be deemed successful if the populations of at least 70 percent of these select species are stabilized or increasing.			
► Terrestrial protected area under improved management for conservation and sustainable use (Square kilometer(km2), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	62,360.00	62,360.00	77,950.00
Date	01-Jul-2020	15-Nov-2023	15-Nov-2023	31-Oct-2025
Comments:	This indicator tracks the area under improved management (i.e., management plan is developed with realistic and meaningful goals, implementation budget is regularly available, consultations with stakeholders on results and future directions take place from time to time, positive results observed).			
► Land area under sustainable landscape management practices (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	308.00	308.00	2,000.00
Date	01-Jul-2020	15-Nov-2023	15-Nov-2023	31-Oct-2025
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.			

#### Improve the livelihood of populations in selected climate-vulnerable areas in and around OROA

##### ► People provided with access to improved water sources (Number, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10,000.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator measures the cumulative number of people who benefited from improved water supply services that have been constructed through operations supported by the World Bank.			

##### □ People provided with access to improved water sources - Female (RMS requirement) (Number, Corporate Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5,000.00

##### ► Farmers adopting improved agricultural technology (Number, Corporate)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	23.00	23.00	500.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	<p>This indicator measures the number of farmers (of agricultural products) who have adopted an improved agricultural technology promoted by operations supported by the World Bank.</p> <p>NB: "Agriculture" or "Agricultural" includes: crops, livestock, capture fisheries, aquaculture, agroforestry, timber and non-timber forest products.</p> <p>Adoption refers to a change of practice or change in use of a technology that was introduced or promoted by the project.</p> <p>Technology includes a change in practices compared to currently used practices or technologies (seed preparation, planting time, feeding schedule, feeding ingredients, postharvest storage/ processing, etc.). If the project introduces or promotes a technology package in which the benefit depends on the application of the entire package (e.g., a combination of inputs such as a new variety and advice on agronomic practices such as soil preparation, changes in seeding time, fertilizer schedule, plant protection, etc.), this counts as one technology.</p> <p>Farmers are people engaged in farming of agricultural products or members of an agriculture related business (disaggregated by men and women) targeted by the project.</p>			
<input type="checkbox"/> Farmers adopting improved agricultural technology - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	14.00	14.00	260.00
<input type="checkbox"/> Farmers adopting improved agricultural technology - male (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9.00	9.00	240.00

### Intermediate Results Indicators by Components

Support Biodiversity Conservation and Sustainable Natural Resources Management				
► Number of basic infrastructure built on protected area (e.g., outposts, firebreaks, roads, watchtowers, visual delineation) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator tracks the small infrastructure investments by the Project on Reserve to support conservation and management of natural resources. These investments, expected to include outposts, firebreaks, roads, and watchtowers, will facilitate, among others, overall monitoring and enforcement as well as fire management.			
► Increased frequency and scope (% of PA area) of patrols for wildlife monitoring and protection (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	80.00	80.00	70.00



Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator measures how effective the Project is in supporting more frequent and comprehensive patrolling on the territory of the OROA Reserve.			
► Policies strengthened and national legal frameworks to combat wildlife crime (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator measures how policies and legal framework have been strengthened as a result of the Project.			

Encourage Inclusive Local Development				
► Representatives in community-based decision-making and management structures that are females (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	40.00	40.00	50.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator measures the space created and the effectiveness of mechanisms established by the project to include vulnerable and marginalized groups in decision-making processes. The baseline will be established after a baseline study.			
► Participants to training and sensibilization sessions in environment, conservation, nature-based tourism, gender, citizen engagement, WSS, WRM and CSA provided (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,979.00	1,979.00	5,000.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator tracks the capacity building and awareness raising activity across a whole spectrum of NRM and climate change topics.			
► Number of inclusive and participatory local community SNRM committees and mechanisms operational (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator tracks the empowerment of local populations in managing natural resources in their vicinity. Operational mechanisms refers to: 1/ Clear rules established; 2/ Representativeness of participation; 3/ Regular meeting; 4/Relevant decisions on common interest/community issues. The dimension of "inclusive" refers to the participation of women, youth and other vulnerable groups (such as persons with special needs, from minority groups., etc.). The dimension "participative" refers to the process and regularity with which community members are involved and heard. Both dimensions will be described in more detail in the Project Operations Manual of the project.			

## Promote Resilient Livelihoods



► Farmers reached with agricultural assets or services (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	491.00	491.00	2,500.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
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	0.00	1,300.00
► Number of water systems/points built/rehabilitated under delegated management (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	The indicator tracks the number of water systems/points built/rehabilitated and under sustainable management through public private partnership (PPP) management.			
► Number of Sanitation facilities constructed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator tracks the number of sanitation facilities constructed.			
► Number of water resource data collection campaigns per year (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	The indicator tracks the number of measurement campaigns conducted every year via measurement instruments (piezometer and pluviometer). Information collected is sent to the data base operators for update.			



► % of women self-reported increased income (or increase yield) from extension services (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	The indicator captures the percentage of women that report an increase in income (or increase in yield) from extension services that were supported by this project. The target values that are provided are indicative. A baseline studies will provide a baseline value and also define more concretely the end of project target value.			

Project Management

► Grievances registered related to delivery of project benefits that are addressed (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	01-Jul-2020	26-Oct-2020	26-Oct-2020	31-Oct-2025
Comments:	This indicator measures the transparency and accountability mechanisms established by the project so the target beneficiaries have trust in the process and are willing to participate, and feel that their grievances are attended to promptly. It tracks the efficiency of the grievance redress mechanism: Communities have information about the project and are fully aware of the project processes, are aware of the grievance redress mechanisms put in place including the response time; and any conflict or disputes they take to the mechanisms is resolved within the appropriate time.			

## Performance-Based Conditions

### Data on Financial Performance

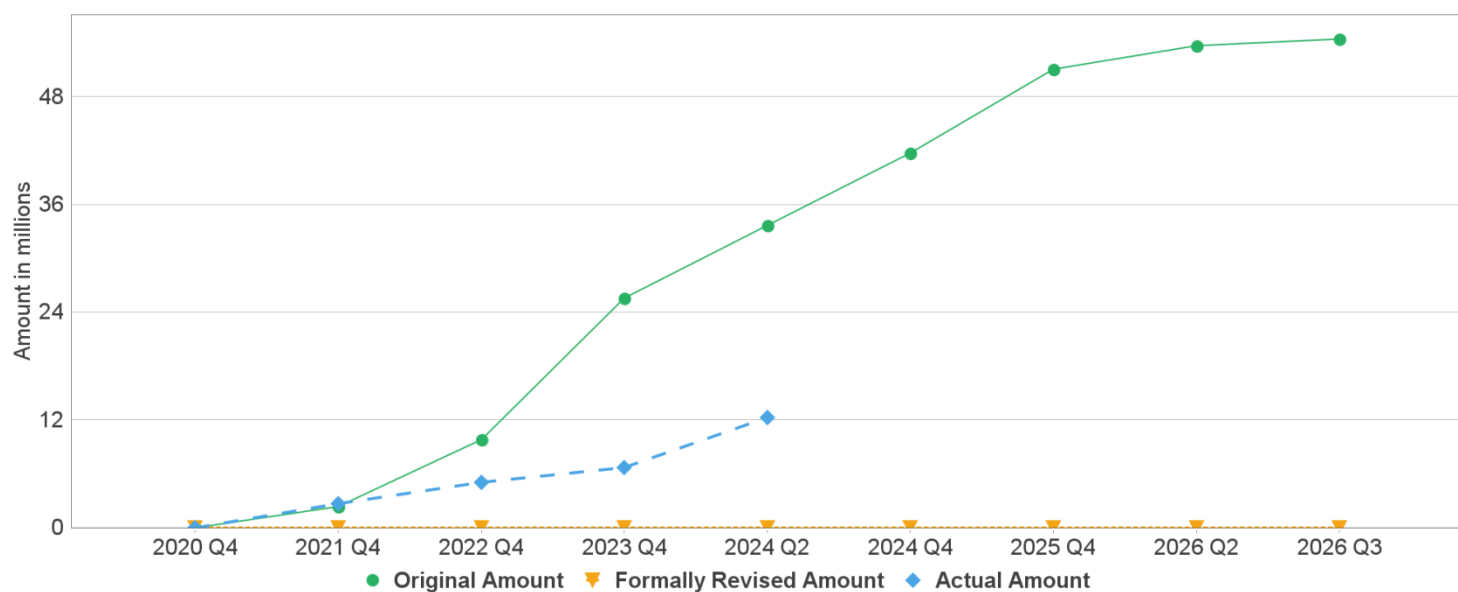
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P171611	IDA-D6730	Effective	USD	50.00	50.00	0.00	11.97	36.87	25%
P171611	TF-B2836	Effective	USD	4.45	4.45	0.00	0.28	4.17	6.4%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P171611	IDA-D6730	Effective	12-Jun-2020	24-Jun-2020	22-Sep-2020	31-Oct-2025	31-Oct-2025
P171611	TF-B2836	Effective	12-Jun-2020	24-Jun-2020	22-Sep-2020	31-Oct-2025	31-Oct-2025

#### Cumulative Disbursements



### Restructuring History

There has been no restructuring to date.

### Related Project(s)

P171646-Chad Local Development and Adaptation Project