



Senegal River Basin Integrated Water Resources Management Project (P153863)

AFRICA WEST | Western Africa | Water Global Practice |  
Recipient Executed Activities | Investment Project Financing | FY 2016 | Seq No: 11 | ARCHIVED on 30-Nov-2021 | ISR48065 |

Implementing Agencies: OMVS, OMVS - Organisation pour la Mise en Valeur du Fleuve Senegal

**Key Dates**

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Bank Approval Date: 23-Jun-2016	Effectiveness Date: 07-Dec-2016
Planned Mid Term Review Date: 01-Feb-2019	Actual Mid-Term Review Date: 01-Feb-2019
Original Closing Date: 31-Oct-2019	Revised Closing Date: 31-Dec-2021

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The development objective of the Senegal River Basin Integrated Water Management Project is to strengthen the capacity of OMVS and local water user associations to improve the environmental and water quality conditions of the Senegal River Basin's water resources.

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The development objective of the project is to strengthen the capacity of the OMVS and local user associations for reducing erosion in the Upper Basin and proliferation of typha in the Lower Basin of the Senegal river.

**Components Table**

Name

Upper Basin Sustainable Land Management:(Cost \$3.67 M)  
Management of Invasive Aquatic Plants in the Delta and the Operationalization of Water User Associations (WUAs):(Cost \$5.49 M)  
Institutional Support for OMVS and National Agencies:(Cost \$2.20 M)  
Contingency:(Cost \$0.31 M)

**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"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Low	<input type="checkbox"/> Low

**Implementation Status and Key Decisions**

The project closing date was extended is now scheduled for December 31, 2021. Progress towards achievement of the project's development objective is satisfactory and most outcome indicators have reached their targets. Current implementation efforts are focused on the completion and



implementation of last remaining activities including the capacity building action plan for the organizations in charge of typha management, which are key to the sustainability of the results of the project.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Reducing erosion in the Upper Senegal River Basin				
► Land area under sustainable landscape management practices (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,791.00	1,989.00	1,100.00
Date	21-Dec-2016	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	To date, nearly 2000 ha have been protected from erosion in Guinea (1 367 ha) and Mali (622 ha) by a combination of biological and mechanical interventions. The target has therefore been exceeded.			
► Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	42,000.00	91,569.00	40,000.00
Date	21-Dec-2016	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	The number of beneficiaries was updated in July-September 2021, with an evaluation by both the NGOs in charge of the agroforestry activities and of the community engagement around the water supply stations financed by the project in Guinea and Mali, and by SOGED, in charge of the institutional support for typha management (and water supply stations) in Mauritania and Senegal.			
<input type="checkbox"/> Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	46.00	46.00	45.00

<b>Reducing typha proliferation in the Lower Senegal River Basin</b>				
▶ Area with improved irrigation and drainage services due to typha removal (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,080.00	2,600.00	2,600.00
Date	21-Dec-2016	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	The indicator has been achieved, with the completion of the works in Mauritania in August 2021. These activities complement similar ones under PGIRE2.			
▶ Functional entities in charge of typha management in the delta (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	24.00	10.00
Date	21-Dec-2016	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	<p>An action plan for this activity was developed and the convention with SOGED, which will implement the plan, was signed in 2019. The institutional study on typha management completed in 2019 laid out suggestions on how to strengthen institutions in charge of typha management, some of which were integrated in SOGED's workplan.</p> <p>The activities begun in July 2019 but had to be suspended in April 2020 due to COVID-19. They have been resumed in October 2020.</p> <p>With the support of a consultant recruited in 2021, to date 24 entities are functional, meaning that they have developed and are implementing an annual typha management plan.</p> <p>Given the project is closing soon, the sustainability of the results may be questionable. However, OMVS has committed to use some of the PGIRE funds to continue to support the process initiated under TF3 of strengthening of entities in charge of typha management.</p>			

**Intermediate Results Indicators by Components**



Upper Basin Sustainable Land Management				
► River banks restored from erosion (Meter(m), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,500.00	2,750.00	1,000.00
Date	21-Dec-2016	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	To date, 2750 ml were restored from erosion essentially via biological protection with the species "propopis juliflora" in Mali and Guinea. The PIU visited the sites in June 2021 to verify of the results and the quality of the intervention.			

Management of Invasive Aquatic Plants in the Delta and the Operationalization of Water User Associations (WUAs)				
► Typha assessments completed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	3.00	3.00
Date	08-May-2018	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	<p>This indicator includes three studies: (i) intervention and maintenance needs and action plans, (ii) institutional framework and action plan, and (iii) financial assessments of typha management. The final reports and action plans on (i) and II) were validated with the beneficiaries in July and sent to the Bank in August 2019. The reports are of good quality and the PIU is implementing selected actions of the short term plans of the two studies, mostly related to strengthening the institutional framework of typha management. The development and then conclusions of the first study, on technical intervention and maintenance needs, informed the choice of revising the type of activities for clearing canals of typha. The contract for the study on the financial assessment of typha management was signed in September 2020, activities begun in October, and the draft final report has been reviewed and was validated in September 2021.</p> <p>Based on this reports, OMVS has prepared a typha management action plan which is being finalised with the member states.</p>			
► Typha spatial distribution report produced annually using remote sensing data (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	21-Dec-2016	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	<p>The platform integrating the remote sensing data and supporting the production of annual reports, plus the report on the spatial distribution of typha in the delta for the year 2019 was published on the OMVS website and one for 2021 is being prepared and will be ready by December. It will be presented in the next meeting of the Comité Regional du Pilotage and the Permanent Water Commission. Based on recommendations on the previous versions of the report, the area is now being expanded to cover the basin all the way to Manantali, where the raising temperature have led to an unusual development of typha. The 2020 version was put on hold because of COVID-19 related travel restrictions to the field to validate the satellite data. A training for the use of the platform took place in November 2020.</p>			



► Drinking water supply equipments installed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8.00	8.00	8.00
Date	21-Dec-2016	27-May-2021	19-Nov-2021	30-Dec-2021
Comments:	<p>The contracts for the works were signed in January 2019. Work on the eight stations has been completed, and the infrastructure has been handed over in the four states. Beneficiary communities are enjoying the use of the WSS and management committees have been set up for operation and maintenance. The capacity building of the management committees has been completed. The availability of drinking water is expected to contribute to reducing the incidence of bilharzia among school-aged children in beneficiary communities.</p>			

### Performance-Based Conditions

#### Data on Financial Performance

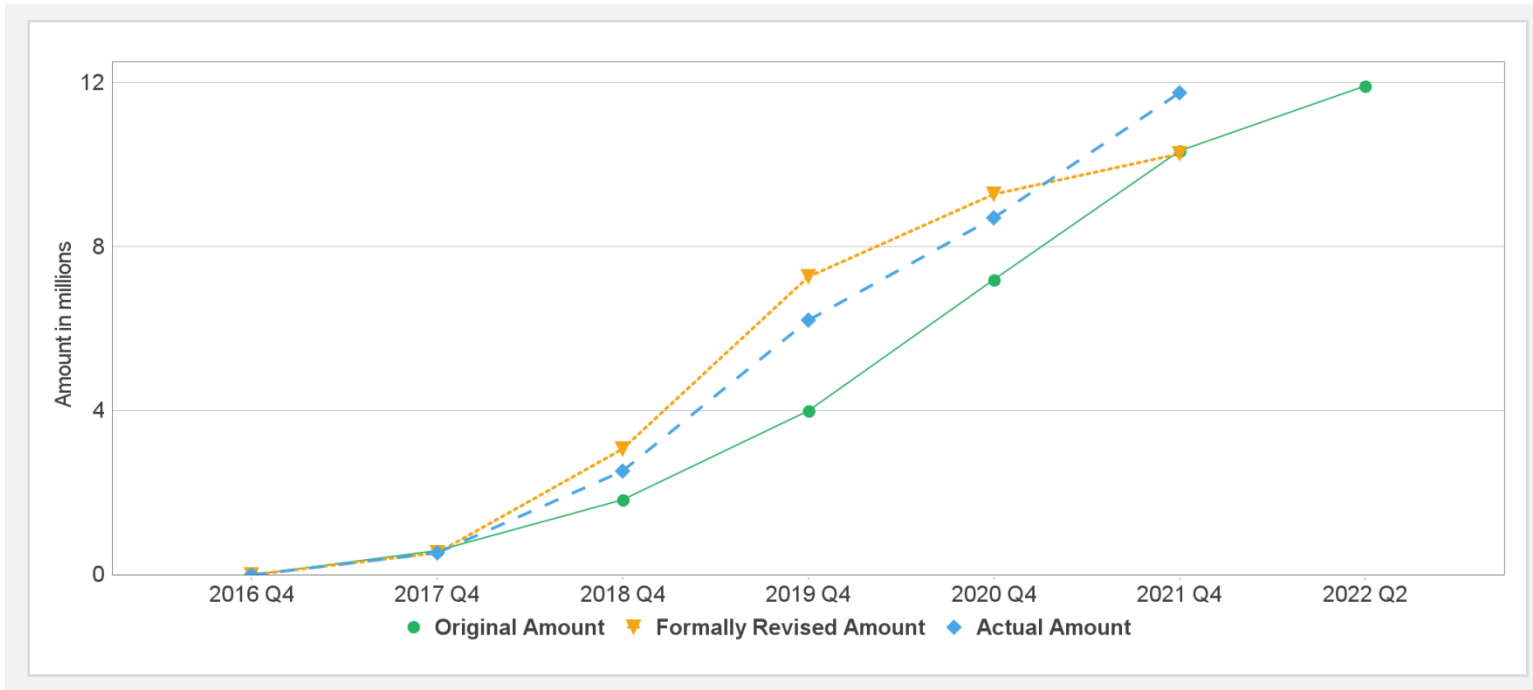
##### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P153863	TF-A2254	Effective	USD	12.83	12.17	0.66	11.75	0.40	97%

##### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P153863	TF-A2254	Effective	31-Mar-2016	09-Sep-2016	07-Dec-2016	31-Oct-2019	31-Dec-2021

### Cumulative Disbursements



**PBC Disbursement**

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC

**Restructuring History**

Level 2 Approved on 24-Jul-2018 ,Level 2 Approved on 25-Jun-2020 ,Level Approved on 13-Jul-2020 ,Level 2 Approved on 29-Sep-2021

**Related Project(s)**

There are no related projects.