



Stormwater Mgt. and Climate Change Adaptation Project (P122841)

AFRICA | Senegal | Social, Urban, Rural and Resilience Global Practice Global Practice |
IBRD/IDA | Investment Project Financing | FY 2012 | Seq No: 11 | ARCHIVED on 25-Jun-2018 | ISR31352 |

Implementing Agencies: Republic of Senegal, Municipal Development Agency (MDA)

Key Dates

Key Project Dates

Bank Approval Date:10-May-2012

Effectiveness Date:21-Nov-2012

Planned Mid Term Review Date:19-May-2015

Actual Mid-Term Review Date:29-Jun-2015

Original Closing Date:31-Dec-2017

Revised Closing Date:31-Dec-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed project will improve stormwater drainage and flood prevention in peri-urban Dakar for the benefit of local residents.

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)

To reduce flood risks in peri-urban areas of Dakar and improve capacity to plan and implement sustainable city management practices, including climate resilience, in selected urban areas.

Components

Name

A. Integration of Climate Risks in Urban Planning and Management:(Cost \$10.40 M)

Drainage investments and management:(Cost \$88.80 M)

Community engagement in urban flood-risk reduction and adaptation to climate change:(Cost \$5.90 M)

Project coordination, management, monitoring and evaluation:(Cost \$10.80 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory



Overall Risk Rating

● Substantial

● Substantial

Implementation Status and Key Decisions

The immediate positive impact of the project is tangible as revealed through the number of population and flood-prone areas that have been protected against flooding and associated nuisances; these achievements, five years and half after the initial project became effective, largely exceeded the initial targets (137,500 direct beneficiaries of which 52% of female vs. 90,000 targeted initially, and 571 hectares of flood-prone areas protected vs. 343 initially targeted). Furthermore, the groundwater level source of flooding in many areas has been reduced from 1 to 2 meters and the sanitation status substantially improved due to the dropping of water table in poor settlements' septic tanks. The launch of the civil works under phase 2 tranche 2 in June 2017 in the catchment of Mbeubeuss should improve the impacts of the project during the next rainy season starting in July/August 2018.

Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

► Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	137,500.00	137,500.00	132,000.00
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019



▲ Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	71,500.00	71,500.00	65,000.00

▶ Area in peri-urban Dakar protected against recurrent flooding through drainage works (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	571.00	571.00	400.00
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

▶ Tools related to urban resilience including climate change, adopted (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No Tools related to urban resilience including climate change, adopted	A national strategy for integrated urban management and planning addressing, inter-alia, flood prevention and climate change impacts has been validated by the project technical committee and adopted by the National Urban Committee under the leadership of the Urban Ministry	A national strategy for integrated urban management and planning addressing, inter-alia, flood prevention and climate change impacts has been validated by the project technical committee and adopted by the National Urban Committee under the leadership of the Urban Ministry	Tools related to urban resilience including climate change, adopted
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

Overall Comments



Intermediate Results Indicators

► Key stakeholders (persons) trained in flood risk management, urban climate change resilience and territorial planning (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	Firm recruited, training program prepared/adopted and 5 trainings session organized (3 in 2014 and 2015), 1 in September 2016 and three in February, July and November 2017. 215 stakeholders trained since September 2016.	Firm recruited, training program prepared/adopted and 5 trainings session organized (3 in 2014 and 2015), 1 in September 2016 and three in February, July and November 2017. 215 stakeholders trained since September 2016.	400.00
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

► Experience in "inter-municipal sustainable city" practices, through concerted territorial development (CTD), improved (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No experience in inter-municipal "sustainable and resilient city" practices, through concerted territorial development improved	For Saint-Louis sustainable city pilot project a 3 years program of activities for the development of inter-communality cooperation for the city sustainability has been prepared and implementation is ongoing	For Saint-Louis sustainable city pilot project a 3 years program of activities for the development of inter-communality cooperation for the city sustainability has been prepared and implementation is ongoing	At least one session per cooperation framework held on cities sustainability management
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

► Primary drainage system in Pikine and Guediawaye put it place. (Meter(m), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	21,880.00	21,880.00	15,828.00
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019



► AN O&M stormwater drainage management system in Pikine and Guediawaye is functional. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No system in place.	The studies were validated, and the creation of a Fund was convened on. MoF already allocated funding for O&M to be used by ONAS from 2017 despite the sanitation fund decree which is still not signed	The studies were validated, and the creation of a Fund was convened on. MoF is being allocating funding for O&M to be used by ONAS from 2017 despite the sanitation fund decree which is still not signed.	OM system in Pikine and Guediawaye functional.
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

► Drainage channels cleaned at least once per year before rainy season in project area (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

► People reached by IEC strategy at local and national level. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	81,308.00	81,796.00	60,000.00
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

► Local flood management committees in Pikine and Guediawaye are engaged in stormwater management activities. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Local committees identified	9 committees created (COLIGEP) in collaboration with the local collectivities to ensure efficiency, capacity building program and related action plan adopted	9 committees created (COLIGEP) in collaboration with the local collectivities to ensure efficiency, capacity building program and related action plan adopted and	COLIGEP action plans implemented and evaluated



Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019
		and on ongoing implementation including trainings and equipment.	on ongoing implementation including trainings and equipment.	


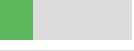
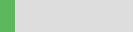
► Eligible flood risk reduction community investments completed. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	32.00	36.00	30.00
Date	01-Sep-2012	01-Dec-2017	15-May-2018	31-Dec-2019

Overall Comments

Data on Financial Performance

Disbursements (by loan)

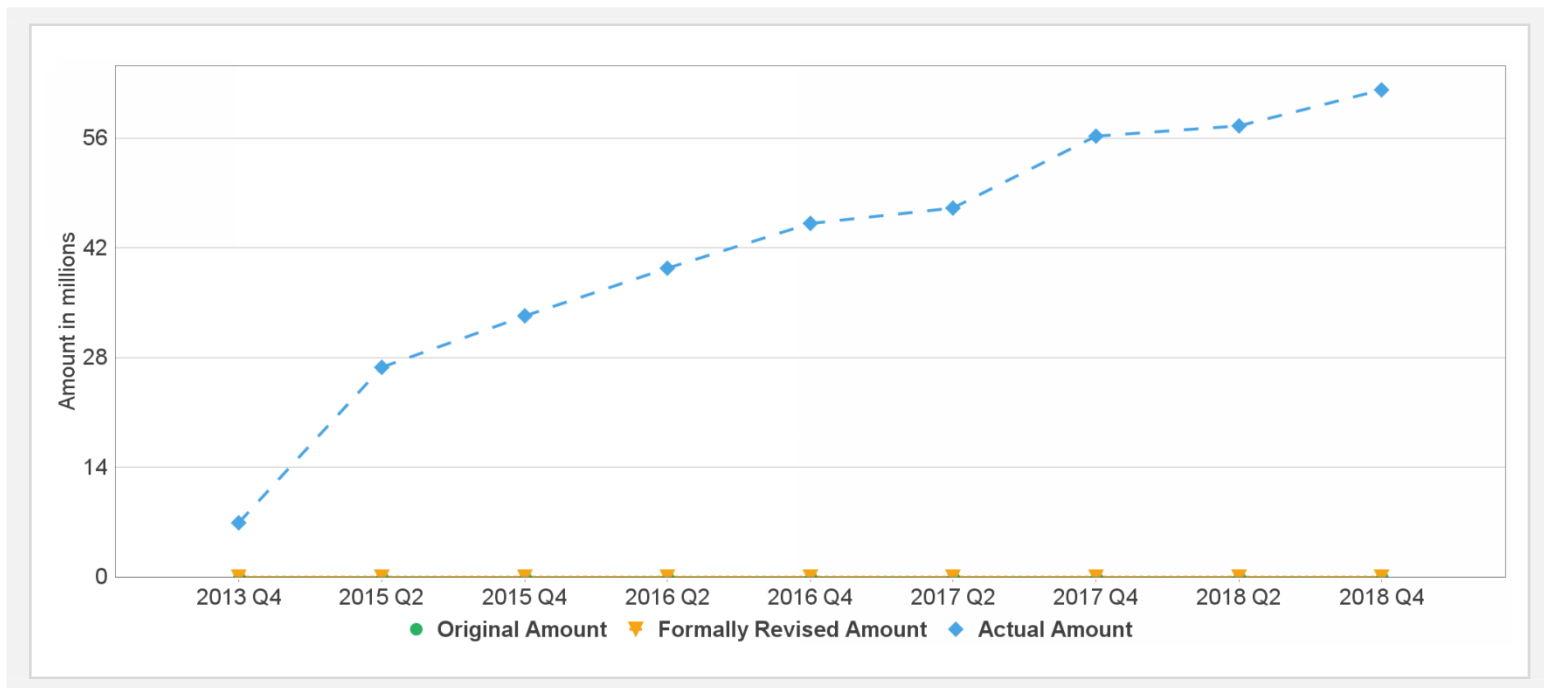
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P122841	IDA-50960	Effective	USD	55.60	55.60	0.00	52.20	0.00	 100%
P122841	IDA-56630	Effective	USD	35.00	35.00	0.00	9.37	26.70	 26%
P122841	TF-A4329	Effective	USD	5.50	5.50	0.00	0.60	4.90	 11%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P122841	IDA-50960	Effective	10-May-2012	24-Aug-2012	21-Nov-2012	31-Dec-2017	31-Dec-2019
P122841	IDA-56630	Effective	27-May-2015	29-Jun-2015	28-Sep-2015	31-Dec-2019	31-Dec-2019
P122841	TF-A4329	Effective	13-Apr-2017	12-May-2017	22-Sep-2017	31-Dec-2019	31-Dec-2019



Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

P152150-Additional Financing - Stormwater Management and Climate Change Adaptation Project ,P158415-GEF sustainable cities AF to the Senegal Stormwater management and CCA project