



Disaster Risk Management Development Policy Loan with CAT DDO (P148861)

AFRICA | Seychelles | Social, Urban, Rural and Resilience Global Practice Global Practice |
IBRD/IDA | Development Policy Lending | FY 2015 | Seq No: 6 | ARCHIVED on 15-Jun-2018 | ISR32361 |

Implementing Agencies: Ministry of Finance, Trade and Economic Planning, Department of Risk and Disaster Management, Vice-President's Office

Key Dates

Key Project Dates

Bank Approval Date:26-Sep-2014

Effectiveness Date:31-Dec-2014

Planned Mid Term Review Date:18-May-2016

Actual Mid-Term Review Date:24-Jan-2017

Original Closing Date:30-Sep-2017

Revised Closing Date:30-Sep-2020

Program Development Objectives

Program Development Objective (from Program Document)

The development objective of the proposed operation is to strengthen the Government of Seychelles's Disaster Risk Management policy and reform agenda and enhance its capacity to efficiently respond to disasters.

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	● Moderate	● Moderate

Implementation Status and Key Decisions

The implementation status of the DPL with Cat DDO is moderately satisfactory. Multiple changes have taken place to strengthen the Disaster Risk Management framework. First, as a result of a Cabinet restructuring process, the DRDM, previously a Division within the Ministry of Environment, Energy and Climate Change became a Department in 2016. The process to transform the DRDM into a National Agency and modify the 2014 DRM Act is ongoing. DRDM reported progress on the formulation of the DRM Bill as an urgent priority since this would provide a stronger mandate for a comprehensive DRM agenda. The Bill should be ready for validation and Cabinet discussion by June 2018.

In the context of strengthening the institutional and legal framework for DRM, a road map for district contingency planning with accompanied training has been developed. This will inform the contingency plans of the five pilot districts and help in moving forward to meet the set target of 2020.

Between 2014-2018, DRDM successfully conducted a set annual drills and exercises and various education and awareness materials. Moving forward, it will be necessary to standardize a template for drills assessments and implement at least one drill/year to be linked with districts plans under indicator 1.2 and/or sectoral contingency plans under indicator 2.2.



The education sector contingency plan has been finalized. The update for the health sector contingency plan is still under implementation. The epidemic response plan and the preparation of a disease vector control plan was updated to include plague mitigation activities. The National Contingency Plan is under development. The priorities identified for the coming months include: (i) finalizing the National Contingency Plan, (ii) updating the Tourism Contingency Plan, and (iii) updating the elaboration of the Hazmat Contingency Plan which will complement the National Oil Spill Contingency Plan (NOSCP).

The National Geospatial Working Group, which encompasses 14 different institutions, established as a geospatial risk data sharing platform, has been preparing a working program to strengthen the data sharing platform. Priorities include: (i) advancing in the establishment of a National Spatial Data Infrastructure (NSDI); (ii) drafting a spatial data sharing policy paper; and (iii) advancing on training for drone mapping.

Related to integrating risk reduction into development planning, DRDM is committed to further strengthen the decision-making process related to integrating risk reduction into development planning strategies. Several Ministries have made important advances, including: (i) under the Ministry of Environment, Energy and Climate Change (MEECC), the flood and coastal erosion master plan; and (ii) under the Ministry of Habitat, Infrastructures and Land Transport (MHILT), is including in Project approval a concept from DRDM and Ministry of environment; (iii) Ministry of Education and Human Resources Development (MEHRD): has made advances in including DRM in the Education Sector Medium-Term Strategic Plan 2013-2017, and in the curricula; (iv) under the Ministry of Health and Social Affairs (MHSA) has formulated the Seychelles national health strategic plan 2016-2020, and conducted preliminary safe hospitals assessments; (v) under the Ministry of Tourism, has generated guidelines for disaster preparedness.

Risks

Systematic Operations Risk-rating Tool

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



Results

Results Indicators

► Districts have updated protocols for preparedness and response (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	5.00
Date	01-Jan-2015	01-Dec-2017	01-May-2018	30-Sep-2020

Comments

Two of five district protocols for disaster preparedness and response have been advanced. A District Emergency Response Standard Operating Procedure (SOP) has been drafted by DRDM and will be discussed with the Ministry of Home Affairs and Local Government (MHALG). A final template for District Plans/protocols will be agreed. For the following three years, the target for district protocols for preparedness and response will be maintained at five, and is expected to be reached. To help achieve this target, a road map and timeline to review and update the Districts protocols were defined during a multi-stakeholder workshop on April 11, 2018, in collaboration with District Administrators and Regional Coordinators. The Bank team also recommended conducting a Table Top Exercise (TTX) to evaluate the Contingency Plans of the five Districts that were prioritized by the PS of MHALG, followed by a Lessons Learned Exercises (LLE) with a tracking and improvement plan that includes clear accountabilities and timelines for required improvements.

► The DRDM conducts annual drills and exercises (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	3.00
Date	01-Jan-2015	01-Dec-2017	01-May-2018	30-Sep-2020

Comments

Between 2014-2018, DRDM successfully conducted annual drills and exercises at the sector level, including Tourism and Health (Red Cross Society of Seychelles and the Ministry of Health which was focused on pandemics). For the next two years, DRDM will conduct three drills annually. Moving forward, the Bank team recommends conducting After Action Reviews (AAR) and Lessons Learned Exercises (LLE) following a standardized template for drills assessments linked to National, Sectoral and Districts plans. The mission was also informed that a Regional Tsunami exercise will be conducted by UNESCO under the regional program for the Indian Ocean, which will take place in September 2018. The exercise will focus on national level emergency response.



► Annual public DRM education and awareness campaigns are conducted. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	2.00
Date	31-Dec-2014	01-Dec-2017	01-May-2018	30-Sep-2020

Comments

The DRDM has completed the process of updating and launching its website. It is, however, experiencing some challenges with respect to website registration and maintenance capacity. In addition, DRDM has made significant progress on its public education strategy and awareness campaign, and materials have been distributed during several activities. However, limited resources have prevented DRDM from drafting a complete communication strategy and have pushed back plans to hire an Education and Awareness Officer.

► At least 5 contingency plans have been updated and are officially approved (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	2.00	2.00	5.00
Date	31-Dec-2014	01-Dec-2017	01-May-2018	30-Sep-2020

Comments

The Education Sector Contingency Plan and SOP are being simplified and will be aligned with the National Contingency Plan. The Health and Tourism Sector Contingency Plans are still pending approval, and support has been requested to finalize the process. The Contingency Plan of the Red Cross Society of Seychelles was recently updated and finalized. A Joint External Evaluation (JEE) for pandemic management was recently conducted in coordination with WHO. The JEE, to be delivered in the coming months, will establish a baseline and road map for improving pandemic preparedness. Development of an improved National Integrated Emergency Management System (IEMS), to include response task mapping and a broad-scale national capacity assessment, was discussed during the April 11, 2018 workshop. Priorities identified during the workshop for the coming months include: (i) finalizing the National Contingency Plan, (ii) updating of the Tourism Contingency Plan, and (iii) elaboration of the Hazmat Contingency Plan which will complement the National Oil Spill Contingency Plan (NOSCP).

► A geospatial risk data sharing platform updated annually (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	31-Dec-2014	01-Dec-2017	01-May-2018	30-Sep-2020

Comments



The National Geospatial Working Group, which encompasses 14 different institutions, was successfully activated in February 2018. Priorities identified by the group during the mission, include: (i) advancing in the establishment of a National Spatial Data Infrastructure (NSDI); (ii) drafting a National Spatial Data policy (for which the bank team agreed to review and provide advice) and; (iii) advancing training for drone mapping. In addition, a successful training on drone observation and GIS risk data sharing platforms was organized by the Bank and attended by 34 different Government and non-Governmental agencies. As a result, a road map for future Open Data work (i.e. exposure data, river maps) was defined. Following the drone training, the expert team used the drone technology to produce new imagery of a large number of critical coastal areas on Mahé and La Digue, which will be shared with the Government upon completion.

► Line Ministries, agencies and private sector include risk information in their development projects (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	5.00
Date	31-Dec-2014	01-Dec-2017	01-May-2018	30-Sep-2020

Comments

Line Ministries have advanced in integrating risk reduction into development planning. Activities include: (i) under the Ministry of Environment, Energy and Climate Change (MEECC), a drainage master plan has been developed, and a roadmap toward the development of a national Coastal Management Plan was developed - which will be closely linked to the Marine Spatial Plan (MSP) and land use planning policies - to outline potential interventions to reduce impacts of coastal erosion and flooding in hotspots as identified by MEECC. *Potential interventions include coral reef restoration, coastal embankments and drainage works. In addition, priorities for urban drainage and flooding were discussed. MEECC specifically requested Bank support to identify solutions for the frequent flooding of the main road along the International Airport. It was agreed that close coordination will be pursued between the World Bank, GCCA+, UNDP and other partners;* (ii) under the Ministry of Habitat, Infrastructures and Land Transport (MHILT), the Victoria Master Plan was developed and DRDM will contribute to the decision-making process of project approvals; moving forward, spatializing the plan and promoting the inclusion of risk information for District Land Use Plans has been proposed; (iii) under the Ministry of Education and Human Resources Development (MEHRD), the Education Sector Medium-Term Strategic Plan 2013-2017, currently being updated, is already integrating DRM as a key pillar; moving forward, the identification and mapping of the school infrastructure in relation to hazards has been proposed; (iv) under the Ministry of Health and Social Affairs (MHSA), the National Health Strategic Plan 2016-2020 was developed; moving forward, the mapping of health centers and storage facilities has been proposed; and (v) under Ministry of Tourism, the mapping of existing key tourism infrastructure and the description of levels of exposure to hazards will be carried out. In addition, the Ministry of Fisheries and Agriculture has developed a national Climate Smart Agriculture Investment Framework (CSAIF 2015 – 2020).

Overall Comments

Data on Financial Performance

Disbursements (by loan)



Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P148861	IBRD-84390	Effective	USD	7.00	7.00	0.00	0.04	6.97	0.5%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P148861	IBRD-84390	Effective	26-Sep-2014	09-Oct-2014	31-Dec-2014	30-Sep-2017	30-Sep-2020

Tranches**Restructuring History**

There has been no restructuring to date.

Related Operations

There are no related projects.