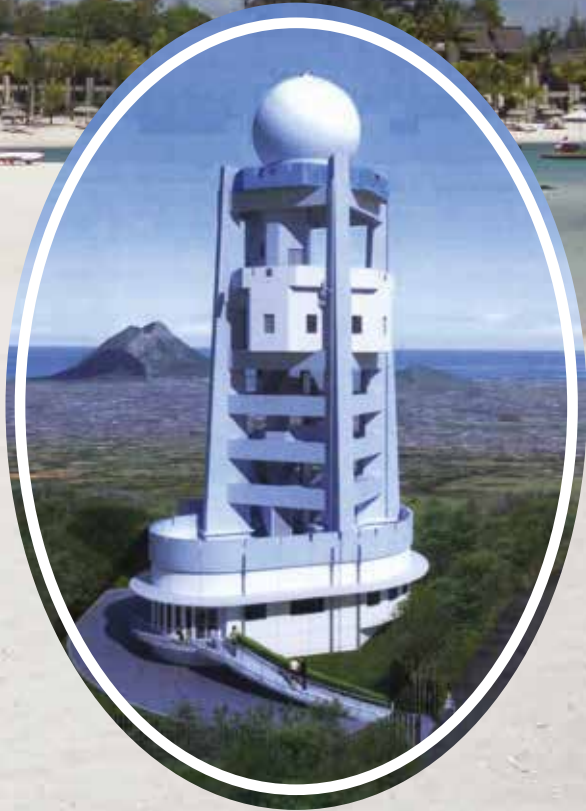


ACTIVITIES IN THE REPUBLIC OF MAURITIUS



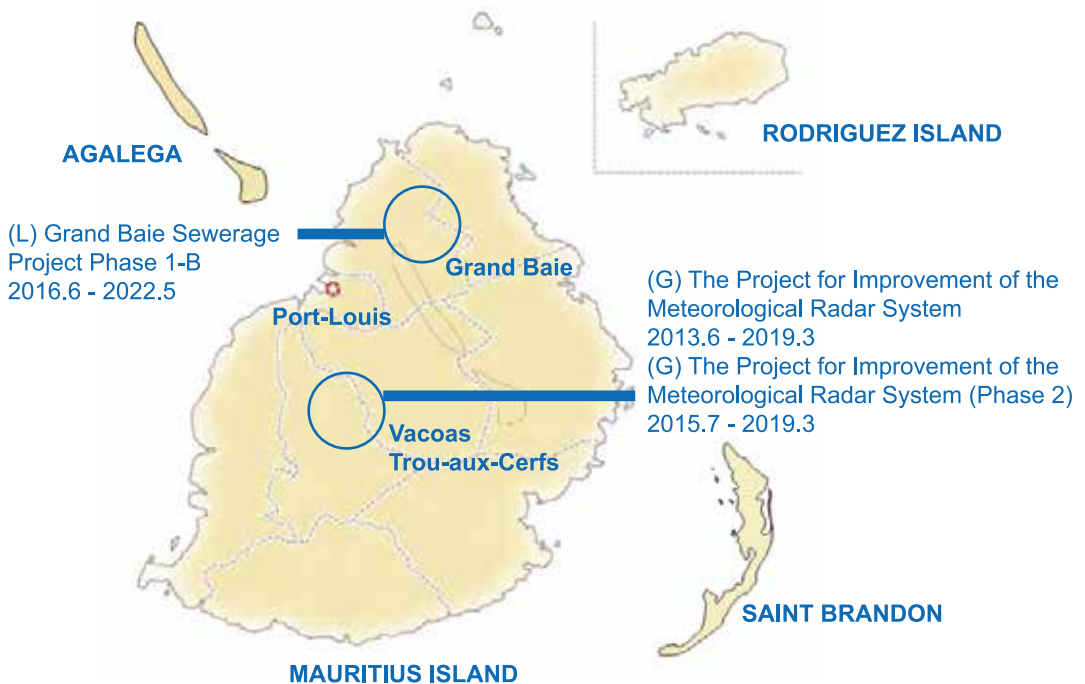
TICAD FRAMEWORK AND JICA'S PROGRAMME IN MAURITIUS

Following the Tokyo International Conference on African Development, TICAD VI, in Nairobi on August 2016, the Nairobi Declaration emphasized the need to enhance resilience to climate change, related extreme weather and natural disasters through comprehensive efforts, including developing human resources and infrastructure with advanced technologies, building networks and institutional capacity as well as introducing early warning systems.

Mauritius, a Small Island Developing State is highly vulnerable to extreme weather events such as intense cyclones and sea level rise, which are said to be associated with climate variability and change.

Thus, since 1977, JICA fostered its cooperation in Mauritius and currently focusing on "Climate Change and Disaster Risk Management" programme, while promoting the Indian Ocean Economy in accordance with the policies of the Government of Mauritius. The Japanese cooperation in Mauritius covered multiple sectors such as fishery, energy, sewerage, coastal protection and landslide among others.

Map of JICA ongoing projects in Mauritius, as of Nov 2018



Wide Area:

(P) The Project for Enhancing Meteorological Observation, Weather Forecasting and Warning Capabilities (May 2019 - April 2022)

(P) Technical Cooperation; (L) Loan; (G) Grant Aid

THE PROJECT FOR IMPROVEMENT OF THE METEOROLOGICAL RADAR SYSTEM GRANT PROJECT

To mitigate negative impacts of cyclones and other natural disasters in Mauritius, highly precise weather and climate information has to be generated and strategically utilized for natural disaster management.

To this end, Japan contributes to the establishment of more efficient meteorological observation system through the provision of new meteorological radar.

**Completion of both projects:
March 2019**

PHASE 1

**Grant Agreement signed on June 2013
1.15 billion JPY**

The main component:

Construction of radar tower building of 37 m with an exhibition facility for visitors in Trou-aux-Cerfs.

PHASE 2

**Grant Agreement signed on July 2015
190 Million JPY**

The main components:

1. Procurement and installation of the S-Band Doppler Radar System which covers range of 450 km radius maximum, meteorological data display and communication system.

2. Operation and maintenance training session



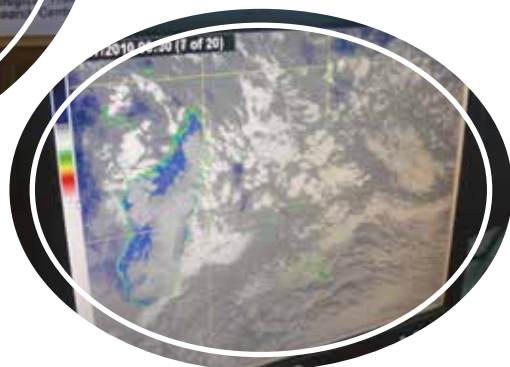
New Radar System

THE PROJECT FOR ENHANCING METEOROLOGICAL OBSERVATION WEATHER FORECASTING & WARNING CAPABILITIES

TECHNICAL COOPERATION PROJECT

In tandem with the grant aid project, technical training and technology transfer for operation and maintenance of the Doppler Radar System for the Mauritius Meteorological Services (MMS) staff will be implemented.

May 2019 - April 2022
260 million JPY



Mauritius Meteorological Services (MMS)

Throughout the project, more accurate and timely meteorological information is to be disseminated to disaster-related organizations and to the public by MMS.

To this end, substantial capacity building is to be provided to MMS:

- Capability in meteorological observation
- Capability in meteorological data analysis, weather forecasting and warning
- The methods and contents to disseminate meteorological information
- MMS's activities for public awareness.

Implementing agency: Mauritius Meteorological Services (MMS)

GRAND BAI SEWERAGE PROJECT (PHASE 1-B)

YEN LOAN PROJECT

The National Sewerage Master Plan aims at connecting 80% of the population to sewer network by 2033. Grand Baie is a famous tourist destination, where conservation of beautiful beach landscape without pollution of sea water is highly prioritised.

The objective of the project is to improve sewerage treatment by connecting approximately 4400 houses to the existing treatment plant in the Grand Baie area, thereby contributing to environmental preservation and improvement of sanitation in the project area.

Completion by May 2022
7 billion JPY



Grand Baie Treatment Plant

The scopes of work comprise:

- (a) Construction Work of Sewer
- (b) Construction Work of Pump Stations
- (c) Construction Work of Internal Connections
- (d) Upgrading SCADA* System
- (e) Consulting Services

*(Supervising Control and Data Acquisition – real time data)

JICA'S REPRESENTATIVE PROJECTS IN MAURITIUS

I - TECHNICAL ASSISTANCE IN LANDSLIDE MANAGEMENT (2012 - 2018)

Countermeasure works against landslides in Chitrakoot: Channel for flood water, horizontal drainage work, open-blind ditch and blind work, surface drainage work, upgrade of existing water course, and ancillary work.

JICA was continuously supporting the Government of Mauritius in the field of Landslide Management. While the main aim of the first phase from 2012 to 2015 was to strengthen the capacity of the Landslide Management Unit (LMU) engineers on landslide only, the second phase since 2016 focused on capacity of slope disasters including landslide, slope failure, rockfall and debris flow, and supporting the setting of the Geotechnical Unit within the MPI.



*Landslide countermeasure work
at Chitrakoot*

II- GRANT AID FOR THE PROJECT FOR UPGRADING AND RENOVATION OF THE MANAGEMENT AND TRAINING FACILITIES

FOR SMALL SCALE FISHERIES IN THE REPUBLIC OF MAURITIUS (2002-2004)



FiTEC building

The project is expected to play a significant role in the development of the ocean economy. The Government of Mauritius is currently able to promote outer lagoon fisheries for marine environmental conservation and resource preservation.

Through construction of new fisheries training center and providing modernized equipment and facilities, main achievements of the project were:

- Enhancement of technical trainings to the artisanal fishermen,
- Significant improvement of the fisheries management,
- Decrease of the numbers of illegal fishery.

LIST OF JICA MAIN PROJECTS IN MAURITIUS

Project Name (*) Ongoing projects

Year of Agreement Thousand \$
Thousand Yen

YEN LOAN PROJECTS

Grand Baie Sewerage Project *	2010	62 407 7 012 000
Environmental Sanitation & Sewerage Project	1998	40 388 4 538 000
Port-Louis City Landslide Protection Project	1994	26 006 2 922 000
Telecommunication Expansion Project	1988	14 899 1 674 000

TECHNICAL COOPERATION PROJECTS

Project for Enhancing Meteorological Observation, Weather Forecasting and Warning Capabilities	2018	2 305 260 000
Landslide Adviser	2016	1 012 113 745
The Project for Capacity Development on Climate Change Measures	2014	942 105 886
The Project for Capacity Development on Coastal Protection and Rehabilitation	2012	4 843 544 149
The Project for Landslide Management	2012	2 815 316 339
Technical Assistance for Expertise at Water Treatment Process Engineering Level	2011	528 59 326
Coastal Resources and Environment Conservation Project	1994	7 684 863 430

GRANT AID PROJECTS

The Project for Improvement of the Meteorological Radar System (Phase 2)	2015	1 691 190 000
The Project for Improvement of the Meteorological Radar System	2013	10 235 1 150 000
The Project for Upgrading and Renovation of the Management and Training Facilities for Artisanal Fisheries	2002	6 933 779 000
The Project for the Extension of the Albion Fisheries Research Center	1994	6 355 714 000
Fishing Port Construction Project	1983	9 078 1 020 000

TRAININGS courses in Japan and Third countries

From 1977 to 2017, there were 550 Mauritian participants in JICA training programs in the fields of sewerage and waterworks engineering, tourism, disaster risk management, landslide control, meteorological services, climate change, investment promotion, local governance courses and among others. Moreover, 03 young Mauritian participated in the African Business Education (ABE) initiative, a master program aiming at promoting the economic bridge between the two countries. The alumni association, set up in October 2018, is greatly promoting the cultural and technological exchanges.

JICA: LEADING THE WORLD WITH TRUST

OFFICIAL DEVELOPMENT ASSISTANCE (ODA)

Bilateral Assistance



Multilateral Assistance

Financial Contributions to international organizations

Technical Cooperation



Water Treatment Technical Assistance to the Central Water Authority

ODA Loans Concessionary loans



Environmental Sewerage and Sanitation Project in Mauritius

Grant Aid



The Project for Improvement of the Meteorological Radar System at Vacoas, Mauritius

Dispatch of expert



Expert attached to CWA

Acceptance of trainees



ODA loan seminar for African countries in Japan

Disaster relief



Cooperation through citizen participation



Volunteer activities

Public Private Partnership



Tsetsii Wind Farm Mongolia (Photo Clean Energy Asia LLC)

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