

Milestones of the project so far

The measures of the Environmental and Social Management and Gender Safeguards plans are increasingly used in the project implementation:

■ The project supported NAWASA to launch and start implementing its very own Occupational Safety and Health (OSH) system. As there is yet no national legislation in Grenada that requires OSH policies in companies, NAWASA is one of the few local organisations in the country that has one.

■ A Land Acquisition Framework Report and numerous templates for tendering the extensive infrastructure measures were developed. Most documents of this kind were new territory for the responsible institutions, but it was important to develop the documents together with all stakeholders concerned. A particular challenge was to consider the procurement rules of the GoG as well as the rules and regulations of the GIZ and the GCF. Prior to commencing any construction works under the project, a Construction ESMP was developed and integrated into the contracts of each construction firm.

Do you have a grievance with the G-CREWS Project?

File it online at
<https://climatefinance.gov.gd/project/climate-resilient-water-sector-in-grenada-g-crews/>

*Updates are reported in the Annual Progress Report (APR) to the GCF



ABOUT THE G-CREWS PROJECT

The Climate-Resilient Water Sector in Grenada (G-CREWS) project is jointly financed by the Green Climate Fund (GCF) and the German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV) under its International Climate Initiative (IKI), and the Government of Grenada.

Over 6 years, the Government of Grenada, the Grenada Development Bank and the National Water and Sewerage Authority (NAWASA) in partnership with the German Development Corporation (GIZ) implements the project's five components.

The primary objective of the project is to increase climate change resilience in Grenada's water sector.

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The Environmental and Social Management Plan for the G-CREWS Project



What is an ESMP?

An Environmental and Social Management Plan (ESMP) outlines how a project or program will manage and mitigate its environmental and social impacts. Environmentally, it means if we are engaged in for example: construction works, it should not harm nature in any way. On the social side, it's about being friendly and fair to the people who live nearby when it comes to noise or air pollution from excavation works.

The ESMP extends to workers and project staff, emphasising occupational health and safety measures to prevent harm to individuals involved in project implementation. Regulatory compliance is increasingly stringent, and an ESMP helps ensure that the G-CREWS project aligns with the environmental and social standards of the donor.

The main interventions of the project relevant for the ESMP

A major focus of the G-CREWS' ESMP is the construction and upgrade of NAWASA's water supply infrastructure. This includes:

- Increased storage for treated water through the construction of several water storage tanks each with a volume of up to 2,967 m³ (cubic metres) providing an average coverage of up to 3 days during periods of droughts or storms.

- Interconnection of water supply networks including the new storage tanks to the NAWASA distribution system with approximately 20.2 km of new pipelines for new connection and for the replacement of existing pipelines.

- Increase of the water resources yield for the south-east of the island through a water transfer line from the Great River in St. Andrew to the Les Avocats and Petit Etang area in St. David (termed the 7 Sister Project).

- Making the existing groundwater abstraction sustainable through the rehabilitation of existing wells, introduction of groundwater protection zones and improved groundwater management through a monitoring system.

- Construction of sediment-retaining weirs and/or sediment-proof intakes at existing water intakes.

What is the project's ESMP about?

G-CREWS' ESMP consist of the following actions:

ACTIONS	OBJECTIVE	SUMMARY
1. ESMP implementation, enforcement, monitoring, and reporting	Specific monitoring of ESMP	Establish personnel, review ESMP, and prepare annual reports, ensuring implementation, enforcement, and monitoring of the ESMP.
2. Reinforced monitoring of safeguards compliance, access to water and gender issues by the Project Steering Committee	Specific monitoring of E & S Safeguard (risks)	Monitor and report on sensitive project issues, involve stakeholders, and ensure compliance with safeguards related to biodiversity, gender, and social impacts.
3. NAWASA health and safety management	Improve OHS standard of NAWASA	Assess health and safety risks, implement measures, and develop an annual budget for health and safety, contributing to the improvement of NAWASA's occupational health and safety (OHS) standards.
4. Contractor management, and mitigation of environmental and social construction impacts	Better Contractor's ESMP	Nominate a responsible party, contract a consultant, and elaborate and implement Contractor ESMPs for various project components.
5. Land acquisition and land occupation management framework	Improve NAWASA's land acquisition procedures	Study Grenadian legislation, define documentation procedures, establish a grievance mechanism, and report on grievance mechanisms related to land acquisition for the G-CREWS project.
6. Development of an Environmental Flow approach	Improve flow management of the rivers	Contract experts, conduct a study on eco flow, and develop an environmental flow approach to enhance the management of river flows related to the project's infrastructure improvements.
7. Water quality management for reservoirs	Improve water quality management of the rivers	Manage reservoir sediment, avoid pollution, and implement proper sediment handling and storage procedures to enhance water quality in rivers during construction under the project.
8. Construction stakeholder engagement plan	Stakeholder engagement plan concerning the construction impacts elaborated and implemented	Identify additional stakeholders, plan communication strategies, and establish grievance mechanisms for persons affected by construction nuisances, ensuring effective stakeholder engagement during construction.
9. Tariff review stakeholder engagement plan	Relevant stakeholders are informed and consulted for the study	Identify stakeholders, inform and consult them regularly about tariff review progress, and include them in the choice of tariff alternatives, enhancing transparency and engagement in tariff review processes.