

# Grenada Water Stakeholder Platform (G-WaSP)

Powerful solutions for water security risks through joint action



## Challenge

Grenada is highly vulnerable to the impacts of climate change, in particular with regard to the water sector. The island experienced two major drought events in recent years (2010 and 2012) and a number of extended dry spells, which significantly affected the water and agricultural sectors. All major climate change scenarios indicate that rainfall across the island would decline during future seasons. Coupled with insufficient water storage capacities and pollution problems, water shortages are predicted to become a severe human and economic development obstacle for the island.

The Grenada Water Stakeholder Platform (G-WaSP) has been set up as an umbrella partnership, bringing together all key public, private and community stakeholders in Grenada regarding water resources management, water risk and water pollution.

G-WaSP is the Grenada arm of the global International Water Stewardship Programme (IWASP), which is implemented by the German Agency for International Cooperation (GIZ) on global level and will take measures to identify, develop and implement joint initiatives to

reduce the water risk for companies and communities, to improve water availability and reduce pollution and flood events.

## Objective

The objective of G-WaSP is to improve water security for the people of Grenada through multi-stakeholder partnerships. Due to Grenada's situation as a small island, water risks need to be tackled by joint actions of private, public and community stakeholders with support from GIZ in order to ensure benefits for all stakeholders.

The four identified and currently assessed sub-partnerships within G-WaSP target a wide range of water risks.

- Flood Risks: Reduction of risks from flooding within the Grand Anse Watershed.
- Pollution Risks: Reduction of water pollution from ridge to reef in the Richmond Hill Watershed.
- Risks for drinking water supply systems: Improved maintenance of the largest drinking water reservoir in Grenada (Grand Etang Lake).



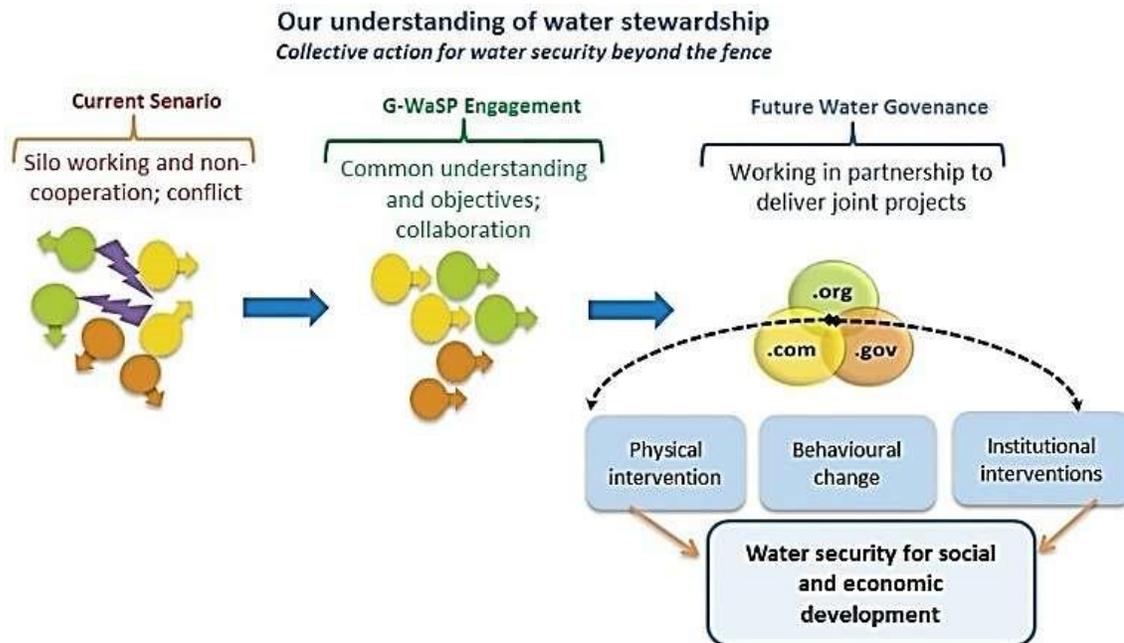
- User Conflicts Risk/ Agriculture: Reduction of productive water losses for agriculture in the **River Antoine** area linked with pollution reduction for the marine environment.

### Approach

G-WaSP will be the umbrella organization to link those and future sub-partnerships, which will facilitate cooperation and communication among stakeholders. The platform will meet on frequent basis to evaluate the outcomes of the risk analysis provided by IWaSP, present activities, and identify/assess additional possible partnerships. This also includes overarching national topics like water loss reduction in NAWASA's supply network. The currently developed 3Di Water Risk Model will visualize water related risks and facilitate communication and planning.

### Example 3Di Tool: Making complex water risks understandable

- A water simulation model to bridge the gap between 'specialists' and non-technical decision-makers.
- Visual.
- Interactive.
- Fast to implement.
- Water risks made understandable for all audiences.
- Existing knowledge, experience, data come 'on the table'.
- Discover beneficial and sustainable solutions.
- Ownership of the problems and solutions.



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