

Climate Resilience Support for the Adequate Housing and Urban Accessibility Program in Georgetown

Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Sustainable Seas Ltd	Guyana	EUR€22,200	100%	1	Vivid Economics (via Paul Sayers and Associates)	Intern American Development Bank	Aug 2018 to April 2019	N/A

Detailed description of project

The disaster risk and climate change vulnerability assessment will allow a better understanding of the risks the city faces from natural hazards, including increasing hazardous risk due to climate change, and facilitate adequate planning. The main objective of the assignment is to develop a disaster risk and climate change vulnerability assessment for Georgetown, Guyana. The overall goal of this consultancy is to promote sustainable development in Georgetown for city officials.

The vulnerability assessment for Georgetown, Guyana, is to be structured in the following phases.

- **Phase 1: Preparatory Stage.** This phase involves identifying and assessing three priority hazards affecting Georgetown, a stakeholder analysis and developing an engagement and dissemination strategy.
- **Phase 2: Vulnerability Analysis.** To include an Analysis of Causes of Vulnerability and a Probabilistic and Susceptibility Analysis.
- **Phase 3: Prioritization of vulnerability challenges.** A multi-criteria analysis in terms of magnitude, urgency, and probability of occurrence shall be used for prioritizing the vulnerability challenge.
- **Phase 4: Identification and prioritization of solutions to risk challenges.** A set of proposals for dealing with the risk challenges shall be prepared. Five of these proposals shall be prioritized and assessed in greater detail. These proposals should be validated and prioritized through a participatory process involving the major stakeholders.

Type of services provided

Sustainable Seas Ltd provided the following services in country:

- The development of a **Disaster Risk and Climate Change Vulnerability Report:** to document the methodologies used, their application, and the results for all activities undertaken in the four phases as described above.
- **To produce Hazard, Exposure, Probabilistic Disaster Risk, Susceptibility, and Socio-economic Impact Maps** at appropriate scale including the corresponding GIS data archive, including digital terrain models and curve files, as relevant.
- Create a **GIS Database** including metadata with a description of the data and its format.
- To outline **Risk Calculation Data** (e.g. .same format for CAP-RA).