

**Development of land use and planning coastal scenarios for 6 pilot countries in the Caribbean**

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	Dominica, Jamaica, St. Lucia, Grenada, Haiti and St. Vincent and the Grenadines	48,000	100%	1	OIKO/Open Plan	IDB	1.10.20 to 1.12.21	N/A

**Detailed description of project**

The Consultancy is designed to provide systematic training to all relevant stakeholders of six Caribbean countries, so as to build case-studies, using real-world examples of developing scenarios, about coastal and marine spatial planning decisions. The program was executed by the University of the West Indies (UWI), through its Mona Office for Research and Innovation (MORI), and will be co-implemented by regional organizations working on climate change in the region.

The objective is to improve regional processes of climate relevant data acquisition, storage, analysis, access, transfer and dissemination and pilot and scale up innovative climate resilient initiatives in 6 pilot countries namely Dominica, Jamaica, St. Lucia, Grenada, Haiti and St. Vincent and the Grenadines.

The goal of the project is to support the use of models so as to enhance understanding of risks from climate change related events (sometimes catastrophic) so that those risks can be managed through integrated actions and interventions. InVEST is used as it is a suite of free, open-source software models used to map and value the goods and services from nature that sustain and fulfil human life. Despite its importance, this natural capital is poorly understood, scarcely monitored, and, in many cases, undergoing rapid degradation and depletion. The multi-service, modular design of InVEST provides an effective tool for balancing the environmental and economic goals of governments, non-profits, international lending institutions, and corporations.

**Type of services provided**

The key objective is to help local stakeholders to understand and appreciate the role and importance of climate change scenarios in coastal planning and coastal zone management. The training should set the bases for stakeholders to set-up, edit and update coastal scenarios using specific modeling techniques, and train them in possible uses of these scenarios in the decision-making process. The Service will help produce scenarios for possible futures and applications and there is an expectation that stakeholders in each Pilot Country will:

SSL were employed to deliver the following ICZM services and deliverables:

- Improve their understanding of modelling techniques
- Gain an appreciation of the importance of data-driven and science based planning
- Understand the role marine and terrestrial habitats play on the impact of climate change
- Realise the potential of scenario-based planning through different examples