

>> Main airpor

Nature-Based Solutions

"Actions aimed at *protecting*, sustainably *managing* and *restoring* natural or modified ecosystems to directly address societal challenges in an effective and adaptive manner, while ensuring human well-being and producing benefits for biodiversity" – IUCN

> Economically viable and sustainable alternative



LIFE ADAPT'ISLAND : NATURE-BASED SOLUTIONS TO ADAPT TO CLIMATE CHANGE IN THE CARRIBEAN

- Nature-based solutions
- Ecosystem services provided
- Restoring connections between coastal ecosystems
- **Replicating** innovative techniques in the Carribean
- **Disseminate** good practices

Often less costly in long run

- Raising **public awareness** of environmental preservation
- Socio-economic benefits for the entire territory

2019-2024

€ 4,7M €



Infrastructure

Restoration sites and nurseries

Objectives

Allow the

Terresterial actions / mangroves



development of mangroves in an urbanized floodproned area



Evacuate and reat plant or inert waste

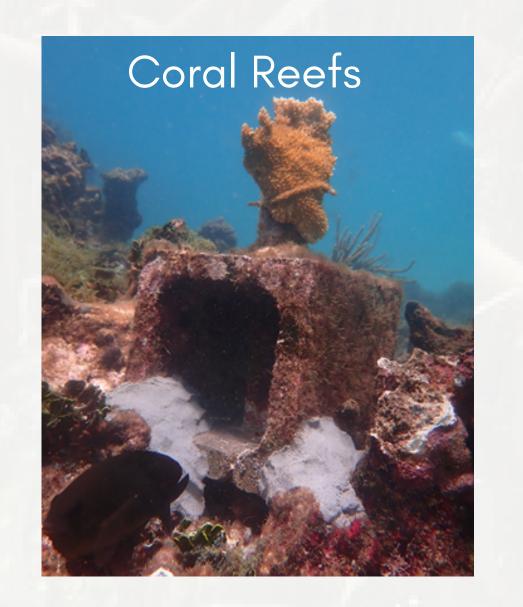


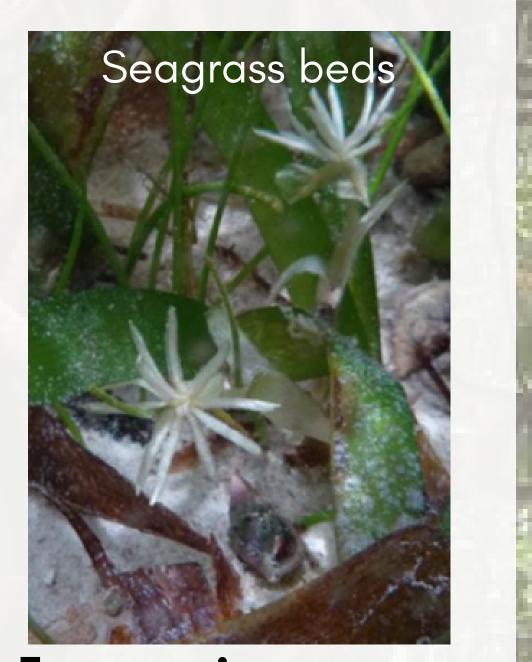


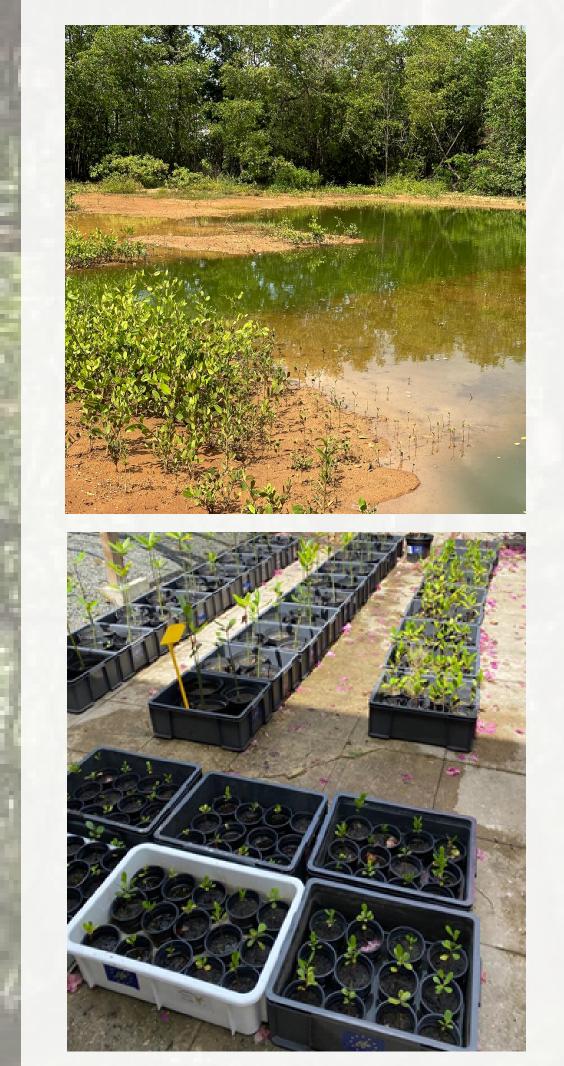
- **Rehabilitation** of wild dumps area
- **Planting** mangrove seedings
- Create a nursery in natural environment and provide new plants
- **Recreate inital state** of the sites
- Managment of Invasive Alien Plant **Species**

2 Restoration sites / 1 nursery

Marine actions







Pilot site

• 3.500m²

- Environmental and technical studies
- Excavation of embankments
- Set up an in situ mangrove

DIC EAST

• 47.316m²

species

- Authorization and access to the site
- **Excavation** of embankments
- Managing invasive alien

- 2 coral farms (Acropora cervicornis & A. palmata)
- Annual coral transplant opération, spawning observation and gameting collection
- Ecomooring area
- Underwater trail

• Thalassia testudinum experimentation for production of new plants

nursery

Revegetation operations

• **Revegetation** operations

Experimental nursery *ex-situ*

• 2 areas :

• 48m²

 70% shaded (only Laguncunaria racemosa) • 0% shaded area (*Rizhophora mangle* and *Laguncunaria racemosa*)

• Used for revegetation in the two restoration sites



