

Webinar:

# Climate change adaptation on European islands

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# Life'Adapt Island

Co-funded by the European Union - LIFE Programme





## Objectives

The LIFE Adapt'Island project, is primarily implemented by the Guadeloupe Harbour (G.P.M.G) and aims at restoring the eco-systems, corals and mangroves throughout 8000 ha of maritime area in Guadeloupe. This is a pioneering initiative to test the methodologies of restoration, and to replicate them to other territories.

### 4 key objectives:

1. Developing an innovative nature-based adaptation strategy
2. Restoring connections between coastal ecosystems
3. Involving civil society and communities
4. Replicating innovative techniques in the Caribbean

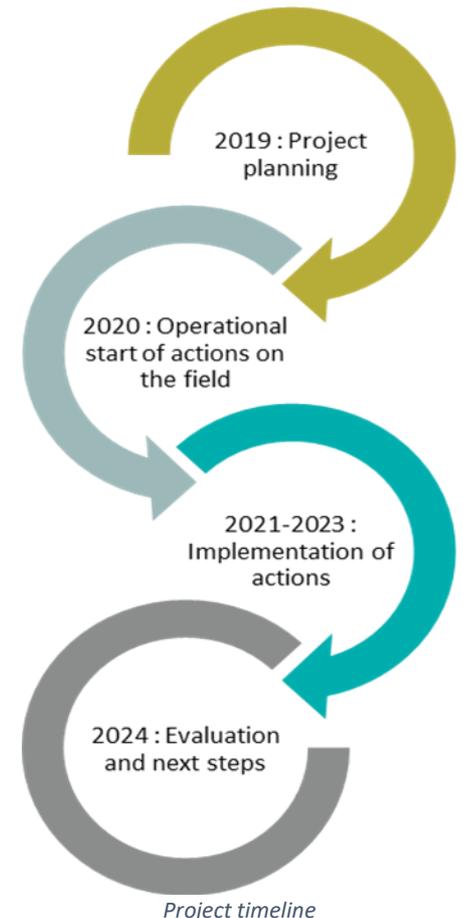




## Actions

The project actions have been carefully selected in order to fulfill the needs identified by the project team in order to make Guadeloupe and its ecosystem more resilient to climate change.

- **Planning and identification (Actions A)**
  - Preparation of the project
  - Selection of pilot implementation sites
  - Getting the approval to collect mangrove, coral and herbarium samples
- **Rehabilitation and restauration of ecosystems (Actions C)**
  - Collection of fragments, seeds and propagules
  - Setting up and managing nurseries
  - Coordinating the rehabilitation of natural spaces
  - Active restoration of ecosystems interconnectivity
- **Monitoring and evaluation of the project (Actions D)**
  - Monitoring and evaluation of the impact of the project on ecosystems
  - Evaluation of socioeconomic impacts of the project
  - Tracking KPIs
- **Awareness raising and findings disseminations (Actions E)**
  - Large scale awareness campaigns
  - Impactful communication strategy
  - Establishment of an underwater restoration trail
  - Scalability of results to the rest of the Caribbean
  - Networking and EU dissemination
- **Project management and continuity of actions (Actions F)**
  - Administrative and financial project management
  - Post-project sustainable strategy





## Results

- The Scientific Committee supporting the project has been put in place as well as the steering committee.
- The steering committee of the project was also set up.
- Sites of deployment have been identified for the different activities of the project.
  - Monitoring and feeding of the Morne Savon nursery
  - Site preparation for the second nursery
  - Maintenance and improvement of the two coral farms in Caye à Dupont
- A first sample collection campaign was successfully completed.
  - 70 black mangrove saplings *Avicennia germinans* collected
  - Gamete collection from *Acropora palmata* corals and release of coral larvae
  - Opportunity cuttings collection: 101 cuttings of *Madracis auretenra*
- The project has also deployed its communication strategy.



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# Thank you for your attention.

For more information about the Life'Adapt Island Project, visit <https://www.cayoli.fr/life-adaptisland/>

For more information about the work of Pilot4dev, please visit <https://pilot4dev.com/>