



BEST

Safeguarding and conserving biodiversity

Programme Greece-Italy
2014/2020 –
Capitalisation workshop 19th
October 2022



Project co-funded by European Union, European Regional Development Funds (E.R.D.F.) and by National Funds of Greece and Italy

Project BEST- What is it about?



Protection of natural and cultural heritage

Restoration of biodiversity, natural, rural and coastal habitats

Involving local stakeholders in cross-border activities and community pilot actions

Use of new technologies with a low environmental footprint

Creation of new politics, products and services for the improving quality of life for citizens

Project BEST- Who & Where?



Region of Ionian Islands (Lead Beneficiary)

Region of Epirus

Region of Western Greece

Region of Puglia



A Journey from Apoulia to Ionian, Epirus and Western Greece

Target Groups

Regional and local governance authorities (Environmental, Agricultural and Tourism Directorates)

Educational Institutions and Scientists from Greece and Italy

Management Bodies of Protected Areas

Museums of Natural History, Environmental Educational Centers and other environmental organizations

Population of the intervention areas

Agro- and Aqua-biodiversity



Marine ecosystem
aspects



Coastal aspects



Botanical aspects



Faunal aspects



Agricultural aspects



Entomological
aspects



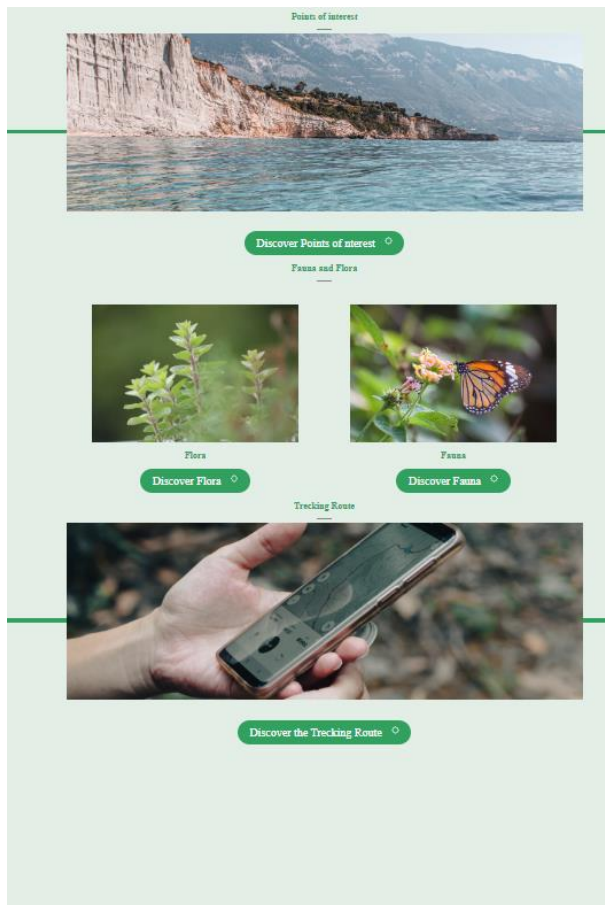
Pressures and risks posed in
biodiversity from alien species, human
activities, climate change and pollution.

Management & Governance



- Cross-border **network** for addressing agro- and aqua- **biodiversity pressures**.
- Identification of a common cross-border **protocol** for the **monitoring of agricultural areas of high naturalistic value**.
- **Action Plans** for **exploiting genetic resources** & addressing **pressures from alien species**
- **Policy papers and MoU** for addressing joint Agro- and Aqua – Biodiversity pressures

Innovation & Technology



- Production of **WEB GIS map** identifying high value nature farmlands.
- Production of **intelligent technological instruments** for reliable and constant **monitoring of biodiversity in rural and coastal areas**.
- Development of a **cutting-edge mass spectrometry platform and toolkits** for identification and archiving of **digital footprints of living organisms**.
- Technological tools which will provide **“biodiversity tours”** to support alternative environmental tourism.

Protection & Restoration



- **Creation of a DNA archive** from selected cross-border botanical species
- **Establishment of Seed Bank** in Ionian Islands.
- **Update and extension of the biodiversity databases** allowing for the evaluation of changes in biodiversity and prompt intervention at critical points over time

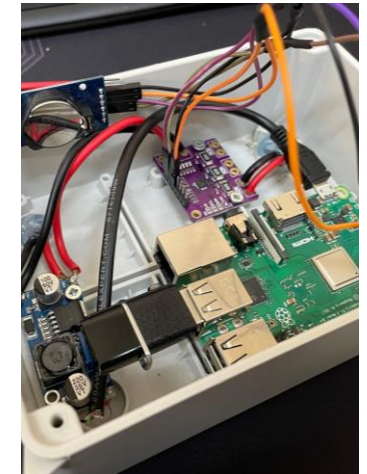
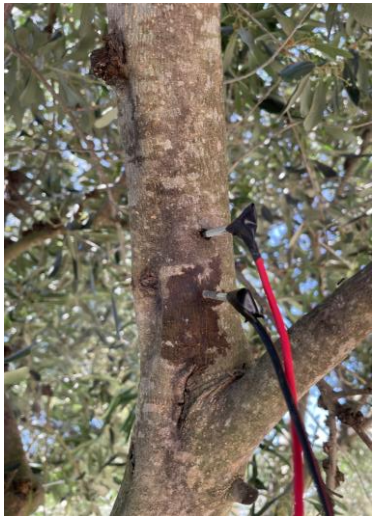
Education and Capacity building



- **Creation of Museum of Biodiversity and Natural History** in Pinios dam in the Region of Western Greece.
- **Establishment of Fab Lab** for raising awareness on biodiversity protection in the Ionian Islands.
- **Office for monitoring biodiversity threats and pressures** in Environmental Educational Centre in Corfu.
- **Training seminars for stakeholders** for the valorization of the new developed tools and systems for monitoring, protection and promotion of biodiversity.

Key outputs

1. The blue-crab
2. The red-beetle
3. Stem-water in tree trunks



“Givers” of

- Deploys infrastructure
- Collects data
- Extracts knowledge
- Visualises knowledge

Customised
Decision
Support
Systems

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