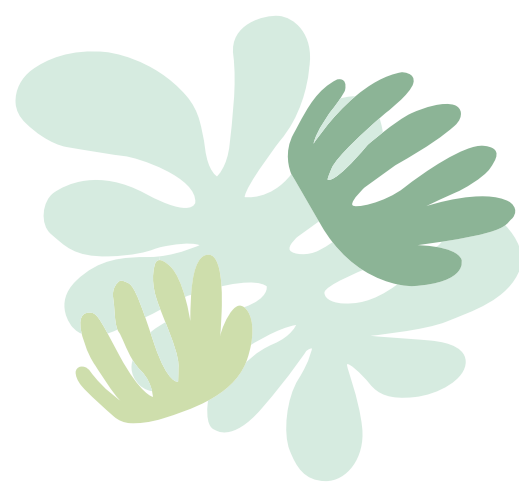


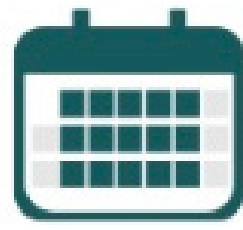
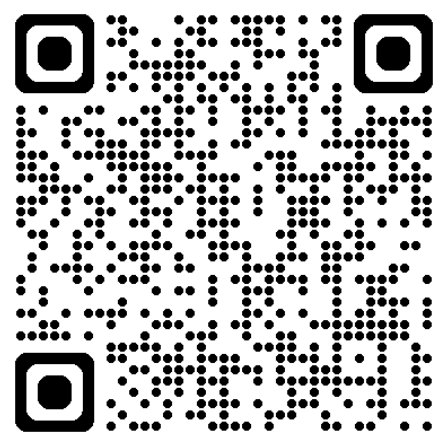


NATALIE

Accelerating and mainstreaming transformative NATure-bAsed solutions to enhance resiLIence to climate change for diverse bio-geographical European regions

Designing with Nature for a Sustainable Future

Discover our website!



Sept 2023
August 2028



43
Partners



13
Countries



19.2 M€
Project Budget



OIEAU
Coordination



8
Case Studies



6
Bio-geographical

NATALIE Contributes to the EU Mission Adaptation to Climate Change objectives to enhance resilience by 2030.

DS#7 ICELAND

East Fjords

- Afforestation/reforestation and bioengineering methods.
- Constructed wetlands and integrated multi trophic aquaculture.

DS#3 LATVIA

Zemgale region

- Constructed wetlands.

DS#5 BELGIUM

Blue horizon Limburg

- Groundwater model.

FL#3 LITHUANIA

Biržai district

- Constructed wetlands.

FL#6 FRANCE

Grand Est region

- Restoration of ecosystems.

FL#2 ROMANIA

Children's World Park

- Building a wetland area in an urban park.

DS#2 ROMANIA

Ilfov Region

- Connecting Văcărești Nature Park to Green-Blue infrastructure.

Văcărești Nature Park

- Rainwater biofiltration and controlled discharge into the urban park.
- Restoration of temporary pond network in a urban parc.

DS#6 FRANCE

Vienne River Basin

- Removal of pounds built as dams for water flow recovering.
- Neutralisation in wetlands.

DS#4 CANARY ISLANDS

Maspalomas

- Sustainable Drainage System: infiltration trenches and bioretention system.
- Fuerteventura*
- Natural treatment systems of wastewater.
- Tenerife*
- Urban wetland.

DS#8 ITALY

Venice's drainage basin

- Selective maintenance of riparian vegetation.
- Renaturalised riverbanks.
- Riverbank extension and vegetation-based restoration.

FL#4 BALEARES

Menorca

- Management Aquifer recharge.

DS#1 GREECE

Lilas river in Lelatine Plain, Evia Island

- Construction of traditional check dams.
- Implementation of prescribed burning.
- Development of a fire risk management plan.

NBS Implementation

- 34 measures implemented in 8 demonstration sites.
- Replication studied in 4 follower sites.
- Various climatic hazards addressed: wildfire, flood, drought, water quality, biodiversity loss, sea level rise...

Digital Tools

- NBS performance assessment: impact of climate change.
- Socio-economic and environmental impacts evaluation.
- NBS Knowledge Booster = hub of knowledge, including an open data space.

Social Engagement and Capacity Building

- Social Network Analysis to map stakeholders.
- Multi-scale stakeholders engagement in NBS co-design.
- Social benefits of NBS through citizen science.
- Twinning activities between demo sites and follower sites.

Financial Tools

- Test tools to leverage private investment: Nature Investment Launchramp, Sustainable Asset Valuation, Natural Assurance Business Canvas.
- Test a funding platform for NBS for climate change adaptation.

Policy Recommendations

- Foundations for Climate Adaptation: Leveraging Regional Scenarios as a Blueprint for Tailoring NBS Pathways .
- Bridging Policy Gaps: Pathways to Mainstreaming NBS in Climate Adaptation.
- Financing Nature-Based Solutions: Unlocking Investments for Scalable Impact.
- Mainstreaming Nature-based Solutions Across Europe's Regions jointly with NBS4EU Cluster.



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EU MISSIONS

ADAPTATION TO CLIMATE CHANGE