

Shelter

Sustainable Historic Environments holistic reconstruction through Technological Enhancement & community-based Resilience

SHELTER aims to provide a conservation-friendly and heritage-led resilience enhancement, while transforming cultural and natural heritage areas in more sustainable and inclusive environments.

The **DATA DRIVEN PLATFORM** will support diagnosis, decision making, implementation and monitoring based on existing knowledge and heterogeneous data; and secure access to generated information, interoperability with other data infrastructures and knowledge management allowing:

- Spatial decision-making for risk assessment, iterative adaptation and reconstruction planning (Strategic DSS);
- Integration of early warning systems, rapid damage assessment, crowdsourcing tools and resilience monitoring (Resilience Dashboard).

DATA DRIVEN PLATFORM

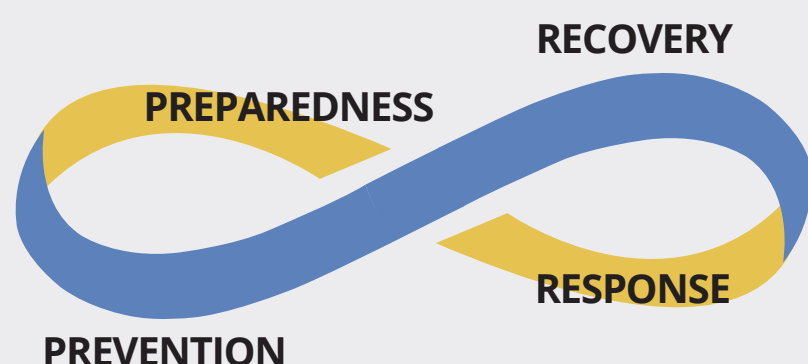
Data lake, multiscale model & best/next practices observatory

STRATEGIC SPATIAL decision making

EARLY WARNING SYSTEMS and RAPID ASSESSMENT

Incremental DOCUMENTATION STRATEGY (Resilience ID)

Community Based evolutionary resilience



DATA DRIVEN technology enhancement

Existing data & knowledge

Assessment & Monitoring

Tools & Solutions

Planning & policies

The Project in numbers:

10 countries

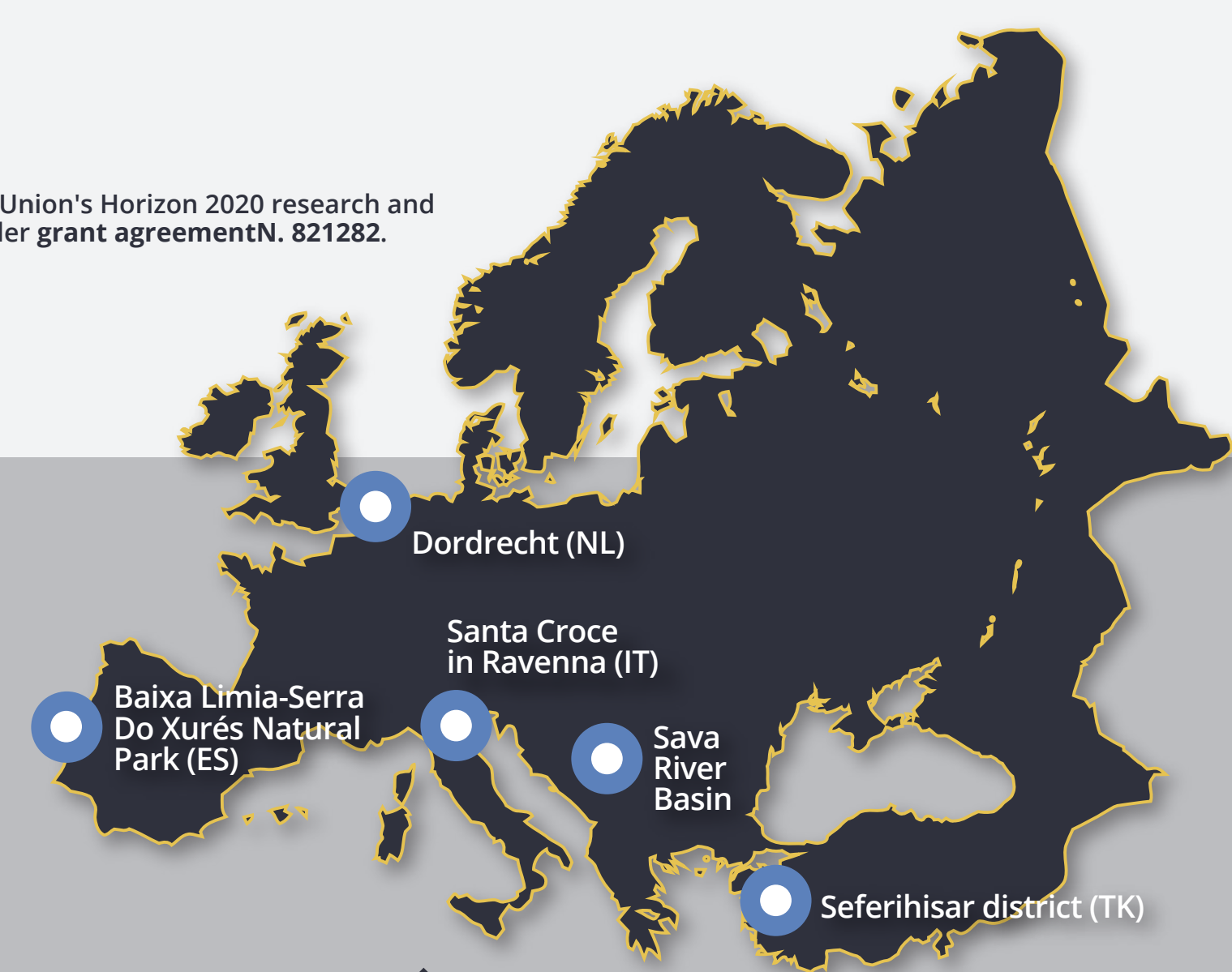
5 Open labs

23 partners

4 years



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OPEN LABS will provide a continuous framework for local knowledge extraction, citizen's engagement, co-creation, capacity building and innovation.

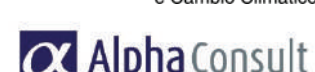
3 Urban Open Labs:

- Santa Croce' Church & Archeological Area in Ravenna (Italy)
- Seferihisar District (Turkey)
- Dordrecht Municipality (Netherlands)

2 Cross-border Open Labs:

- Sava River Basin (crossing Slovenia, Croatia, Bosnia and Herzegovina, Serbia and Montenegro)
- Baixa Limia-Serra Do Xurés Natural Park in Galicia (Spain)

Partners: **tecnalia** Inspiring Business



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