



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N. 821282

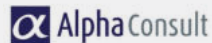


www.shelter-project.com



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Partners:



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

SHELTER aims at developing a data driven and community-based knowledge framework that will bring together the scientific community and heritage managers. The main objectives are: increasing resilience, reducing vulnerability and promoting better and safer reconstruction in historic areas.



The Operational Knowledge Framework is the main output and exploitable result of the SHELTER project.

A resourceful platform, built in **3 main sets**, for local authorities, urban planners, conservation practitioners, first responders, cultural heritage owners, and managers. The goal is to support them in protecting Historic Areas, strengthening their resilience, by improving post-disaster reconstruction, and guiding them to become more aware, prepared, responsive, smart, and inclusive in dealing with hazardous events.



Information models and databases

To store data from Open Labs, build a common knowledge base, and suggest the best/next practices to adopt.

- Data Lake for Resilience
- SHELTER Wiki
- Multiscale Multisource Data Model
- Best/Next Practice Observatory



Services

To generate and enhance multidimensional resilience.

- Systemic cross-scale resilience assessment and monitoring
- Risk Assessment Module
- Agent Based Modelling
- Resilience ID generation incremental strategy
- Resilience business and financing landscape toolbox



Tools

To better analyze the risks, make decisions, and collaborate in real-time.

- SHELTER Resilience Dashboard
- SHELTER Data Driven Platform
- SHELTER Decision Support System
- Early recovery Roadmap and Flowchart
- Adaptation and reconstruction portfolio to improve Heritage resilience
- SHELTER IMMERSITE® digital tool

The project
in numbers:

€ 5,9 ml

TOTAL COST

9

COUNTRIES

23

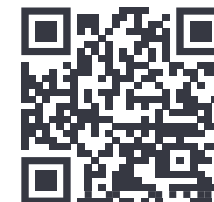
PARTNERS

5

OPEN LABS

4

YEARS OF WORK
TOGETHER



Discover more!

