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Coordinated by:



Countries involved:

Austria, Belgium, Croatia, Czech Republic, France, Italy, Spain, The Netherlands, Turkey, United Kingdom.

Partners:

Alma Mater Studiorum – Università Di Bologna, UNESCO, Politecnico di Torino, University of Liège, Universidad Del Pais Vasco/ Euskal Herriko Unibertsitatea, Masarykova Univerzita, IHE Delft Institute For Water Education, LINKS Foundation, Center for risk and crises management-CRCM, Tower, UniSmart, Ekodenge, Nobatek, Sistema, R.E.D. srl, Estudios GIS, Seferihisar Municipality, International Sava River Basin Commission, Dordrecht Municipality, Xunta de Galicia - Direccion Xeral De Calidade Ambiental E Cambio Climático, Euronet, Alpha Consult, Ekodenge sustainability Engineering.



Embracing change:

improving resilience of cultural heritage sites

SHELTER (Sustainable Historic Environments hoListic reconstruction through Technological Enhancement & community-based Resilience) aims to increase resilience, reducing vulnerability and promoting better and safer reconstruction in historic areas.



Aim

Over the last decades, because of climate change, cultural heritage has been impacted by an increasing number of climate related hazards, posing new challenges to conservators and heritage managers.

SHELTER 'Sustainable Historic Environments hoListic reconstruction through Technological Enhancement & community-based Resilience' is an R&I project funded under the Horizon 2020 Programme of the European Union.

SHELTER aims to develop a world-class Operational Knowledge Framework, a data driven and community-based knowledge framework that will bring together the scientific community and heritage managers with the objective of increasing resilience, reducing vulnerability and promoting better and safer reconstruction in historic areas.

All the developments of the project will be validated in 5 open-labs, representative of main climatic and environmental challenges in Europe and different heritage's typologies.

What Shelter is providing

- Data driven and community based knowledge framework for heritage-led and conservation-friendly resilience enhancement
- Effective solutions to improve the protection of Cultural and Natural Heritage in prevention, preparedness, response and recovery phases of disaster management
- Community -based cost-effective low carbon strategies and solutions to adapt historic areas to climate change

Open labs

Five Open Labs representative of main climatic and environmental challenges in Europe and different heritage's typologies will be established in cooperation with local stakeholders:

- 3 Urban Open Labs: in Ravenna, Sefeherizar and Dordrecht and
- 2 Cross-border Open Labs: in Sava River Basin and Baixa Limia-Serra.

The Open Labs are connected through an Open Labs peer-learning network in which continuous exchange of knowledge and best/next practices and peer-learning processes will be facilitated.

