

European Union heritage assets are extremely exposed to climate change and natural hazards, which threaten their integrity and may compromise their value.

STORM aims at undertaking the challenge of researching new ways to mitigate the impacts of harsh climate events upon Cultural Heritage.

STORM emphasises the use of **eco-innovative, cost-effective, collaborative methodologies, novel predictive models** and **improved non-invasive, non-destructive diagnosis methods**.

STORM creates a new innovative set of processes and tools, useful for heritage sites, organisations, governments and citizens across Europe.

Expected outcomes range from preventive actions to emergency measures primarily directed towards the conservation of historic structures; and include a network of knowledge and tools shared among all the project partners to bring a valuable contribution that enables the definition of policy proposals dedicated to the mitigation of natural or climate change-caused disasters.

STORM aims at defining, developing and assessing a technologically integrated framework providing eco-innovative, cost-effective and collaborative methodologies to support all the involved stakeholders to better act in the *prevention* (to mitigate the effect of climate phenomena), *intervention* (when a disaster occurs) and in the *policies* proposal phases.

STORM introduces an integrated framework and a platform providing tools and services both at macro level, to give a global view of the entire value chain, and at specific level, to promote the improvement of specific protection, intervention and prevention processes, towards a more resilient European cultural patrimony.

The project features a widespread **multidisciplinary approach** involving diverse kinds of stakeholders, with trials in 5 sites representing different profiles and risks, including some of the most relevant European Cultural Heritage assets, in **Italy, Greece, United Kingdom, Portugal and Turkey**.

STORM offers an international and multiform support to Entities engaged in the safeguard of Cultural Heritage regarding the possibility to adopt a trans-local collaborative approach for advancing innovation processes affecting the resilience of natural hazards.

