



Advancing Resilience of historic areas against Climate-related and other Hazards

Duration 36 months: 01/06/2019 – 31/05/2022

Partners	Fraunhofer IAIS (DE) - Coordinator	Las Naves/Valencia (ES)	SOGESCA s.r.l (IT)
	ICLEI (DE)	Research for Science, Art and Technology (IE)	Camerino (IT)
	DIN (DE)	ENEA (IT)	Bratislava (SL)
	Hamburg (DE)	INGV (IT)	Monument Preservation Institute Bratislava (SL)
	Tecnalia (ES)	University of Camerino (IT)	University of Bratislava (SL)

About ARCH

ARCH is a European-funded research project that aims to better preserve areas of cultural heritage from hazards and risks. The ARCH team with the cities of Bratislava, Camerino, Hamburg and Valencia will co-create tools that will help cities save cultural heritage from the effects of climate change.

The impacts of climate change are global in scope and unprecedented in scale. Cities will face frequent extreme events in future and the risk to cultural heritage and historic urban centres from climate change will also increase.

ARCH will develop a disaster risk management framework for assessing and improving the resilience of historic areas to climate change and natural hazards. Tools and methodologies will be designed for local authorities and practitioners, the urban population, and national and international expert communities. The project will present various models, methods, tools and datasets to support decision-making.

ARCH's expert interdisciplinary team includes four European municipalities; Bratislava, Camerino, Hamburg, and Valencia; research scientists, city network ICLEI and standardisation organisation DIN.

Co-creation approach

In order to achieve the project's objectives and ensure applicability, acceptance and replicability of results, researchers, city practitioners, local policy makers, community members and other stakeholders will collaborate closely according to a co-creation framework and through the establishment of local partnerships.

Standardisation

The project will support transferability of results and make its outcomes widely available through identifying standardisation opportunities and initiating standardisation activities.

Outputs

- Hazard and Object Information Management System
- Resilience Options and Pathways
- Impact and Risk Assessment
- Resilience Assessment Framework and Platform

www.savingculturalheritage.eu



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