



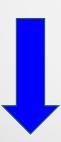


OBJECTIVES

<u>Providing an overview</u> of the information available at EU and international level on <u>risk assessment</u> and <u>prevention to safeguard cultural heritage</u> from the effects of natural disasters and threats caused by human action;

<u>Mapping the existing strategies</u> in all 28 MS for disaster risk management of cultural heritage, with a focus on existing competence centres and tools;

<u>Putting forward recommendations</u> on possible measures to improve the risk management of cultural heritage at European level.





Contributing to the development of good practices on the integration of cultural heritage in the national disasters risk reduction strategies to be developed by EU MS - one of the implementation priorities of the Action Plan on the Sendai Framework



Sendai Framework for Disasters Risk Reduction, 2015-2030



Adopted by United Nations Member States in March 2015: is the basis for a disasters risk-informed approach to policy-making, offering a coherent agenda across different EU policies to strengthen resilience to risks and shocks and supporting the EU priorities of investment, competitiveness, research and innovation.

There is **need for focused action within and across sectors** by States at local, national, regional and global levels in the following four priority areas:



Sendai Framework for Disasters Risk Reduction, 2015-2030

- Priority 1: Understanding disaster risk

KNOWLEDGE

National and local levels:

Paragraph 24(d)understandcultural heritage impacts, in the context of event-specific hazard-exposure and vulnerability information.

- <u>Priority 2: Strengthening disaster risk governance to manage</u> disaster risk
- <u>Priority 3: Investing in disaster risk reduction for resilience</u> PUBLIC/PRIVATE STRUCTURAL/NON MEASURES

National and local levels:

Paragraph 30 (d) To protect or support the protection of cultural and collecting institutions and other sites of historical, cultural heritage and religious interest;

- <u>Priority 4: Enhancing disaster preparedness for effective response</u> and to "Build Back Better" in recovery, rehabilitation and reconstruction



Action Plan on Sendai Framework

Key policies and practices contributing to the implementation of

Priority 3: Investment for resilience – cultural heritage restoration

Priority 4: Protection of cultural heritage - This Study-H2020 calls to mitigate impact on CH

Key Area 4 - Supporting the development of a holistic disaster risk management approach (Sendai Priority 4 "Enhancing disaster preparedness for					
effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction")					
IMPLEMENTATION PRIORITY	ACTIVITY	TIME-FRAME	OUTPUT	SENDAI TARGET	
Develop good practices on the integration of cultural heritage in the national disaster risk reduction strategies to be developed by EU Member States	17.1 Ensure exchange of information among Member States on existing strategies and practices for risk assessment and prevention for safeguarding cultural heritage from natural and man-made disasters in the framework of the European Agenda for Culture, also drawing on EU-funded research projects	2016 - 2020	Increased consideration of cultural heritage safeguarding in the national disaster risk reduction strategies	(e), (g)	

Substantially reduce
global disaster mortality
by 2030, airning to lower
average per 100,000
global mortality between
2020-2030 compared to
2005-2015

Substantially reduce the number of affected people globally by 2030, aiming to lower the average global figure per 100,000 between 2020-2030 compared to 2005-2015

Reduce direct disaster economic loss in relation to global gross domestic product (GDP) by 2030

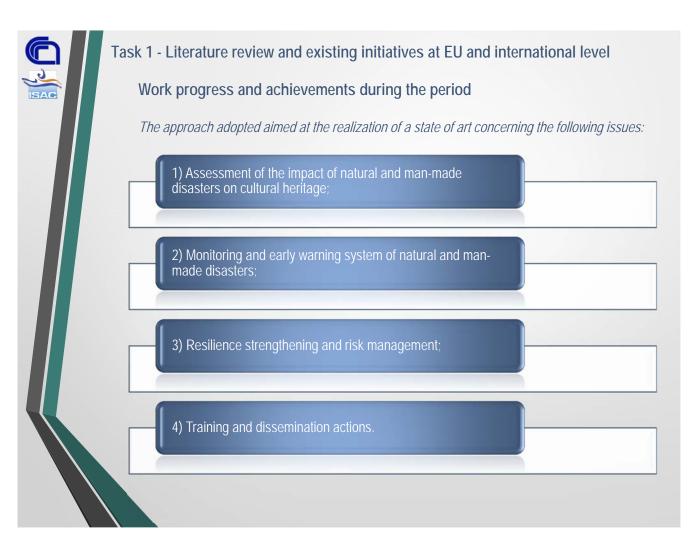
Substantially reduce disaster damage to critical infrastructure and disrubtion of basic services, amon them health and educational facilities, including through developing their resilience by 2030

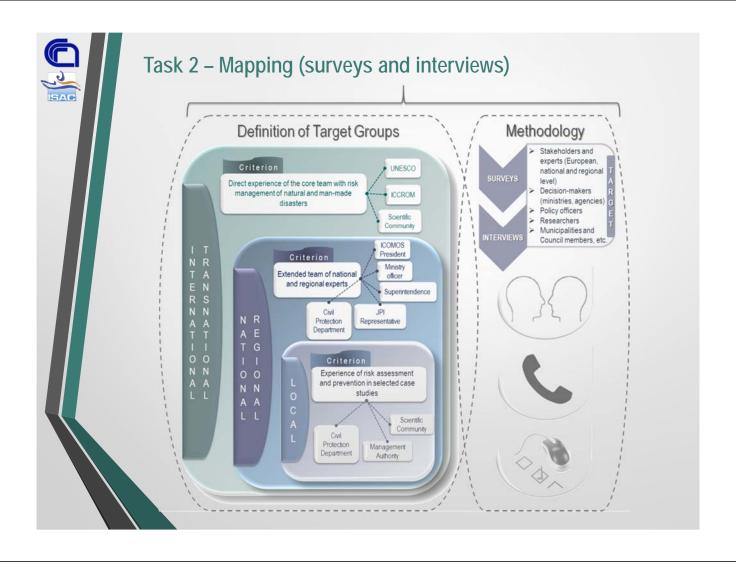
Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020 iubstantially enhance International cooperation to developing countries through adequate and sistainable support to mplement their nation citions for implementation of this framework by 203 Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to people by 2030

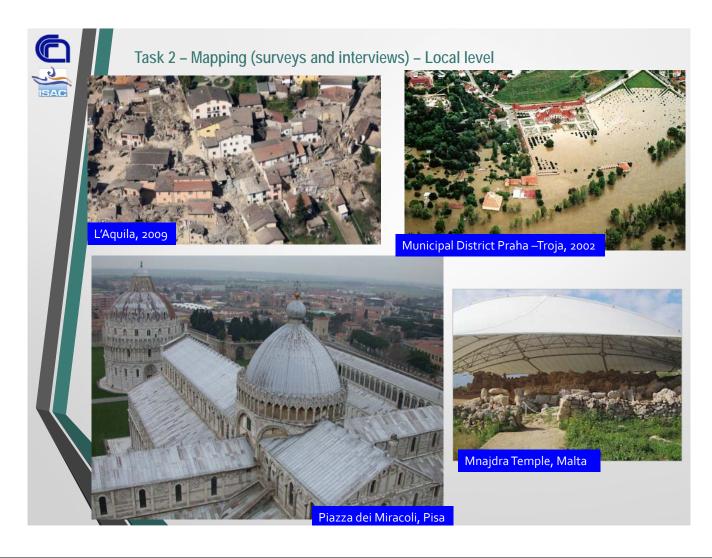


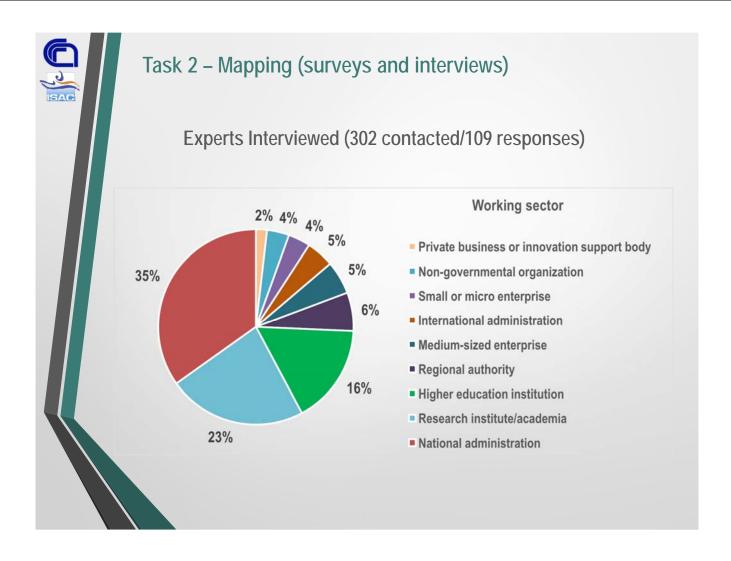


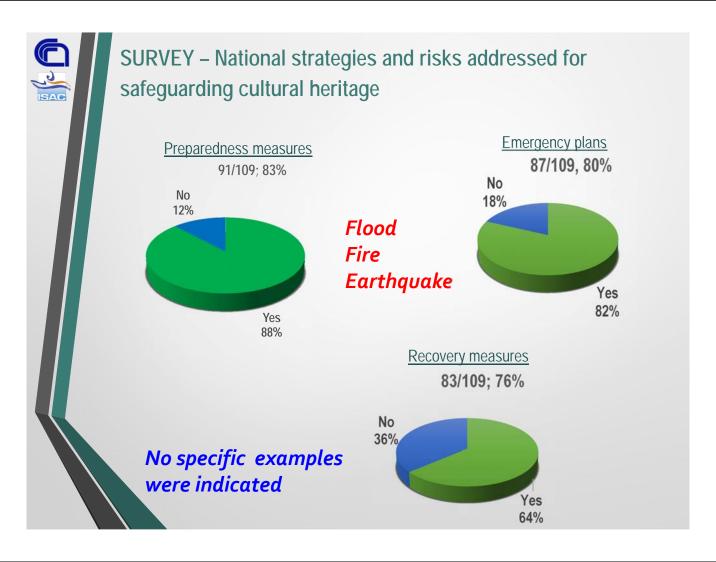






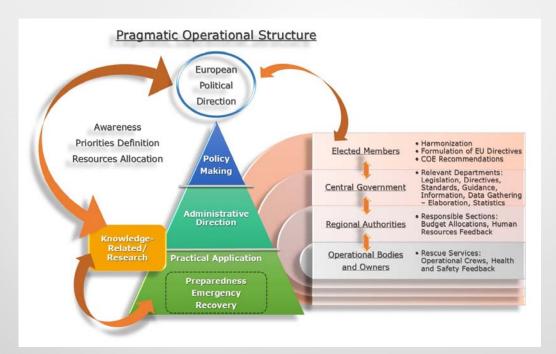








Task 3 – Lessons Learnt and Recommendations



The lack of alignment in the process from the policy making to practical application



Climate Change / Air Pollution

- Implementation of monitoring approach for correlating damage with climate/pollution and their changes
- Improvement of damage functions for producing future scenarios (quantitative evaluation, indicators etc.)
- Development multi-risk scenarios for complex systems, i.e. urban centres, archaeological sites. Existing model downscaling in space and time scenarios mostly referred to materials.
- Increase/Implementation of early warning specifically addresses to CH safeguard (encouragement of citizens involvement)
- Definition of long-term view measures and strategies
- Enhancing preparedness. Measures are mainly based on response to emergency situations