

Evaluation of the replies to the Questionnaire & Next Steps

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**CLIMATE CHANGE IMPACTS ON CULTURAL HERITAGE:
FACING THE CHALLENGE**



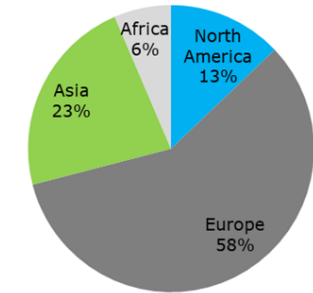
The Questionnaire

Scope

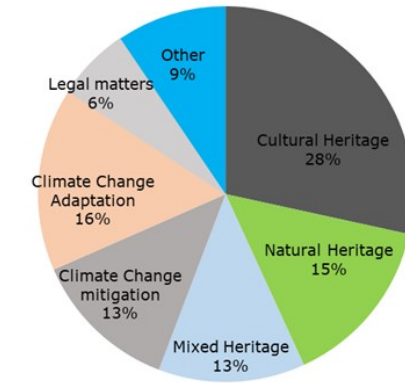
creation of a database that:

- maps and digitizes the proposed, by the supporting States, sites
- contains data on the hazards, strategies, measures and best practices
- identifies lessons learned and policy gaps

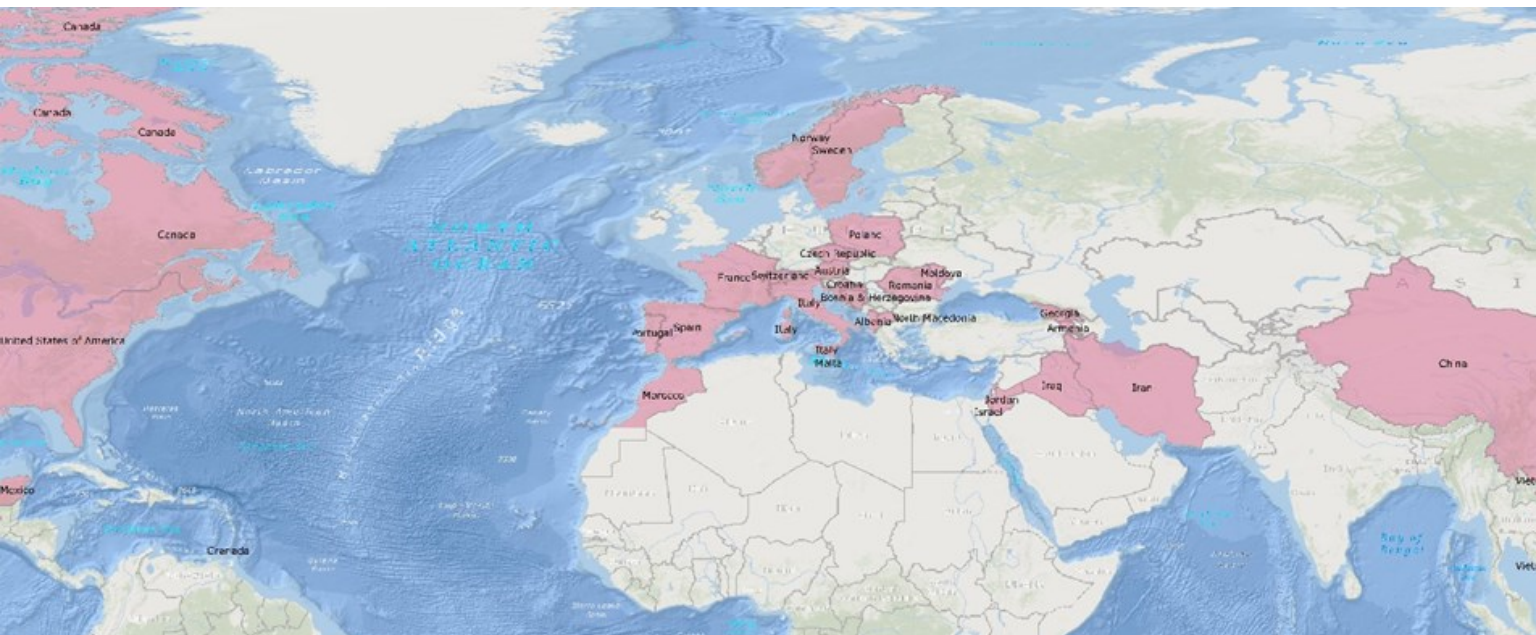
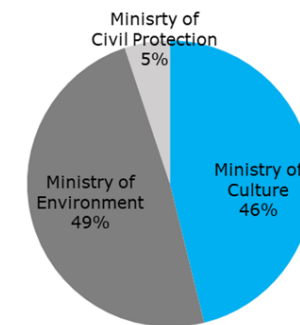
Participation per continent



Area of expertise

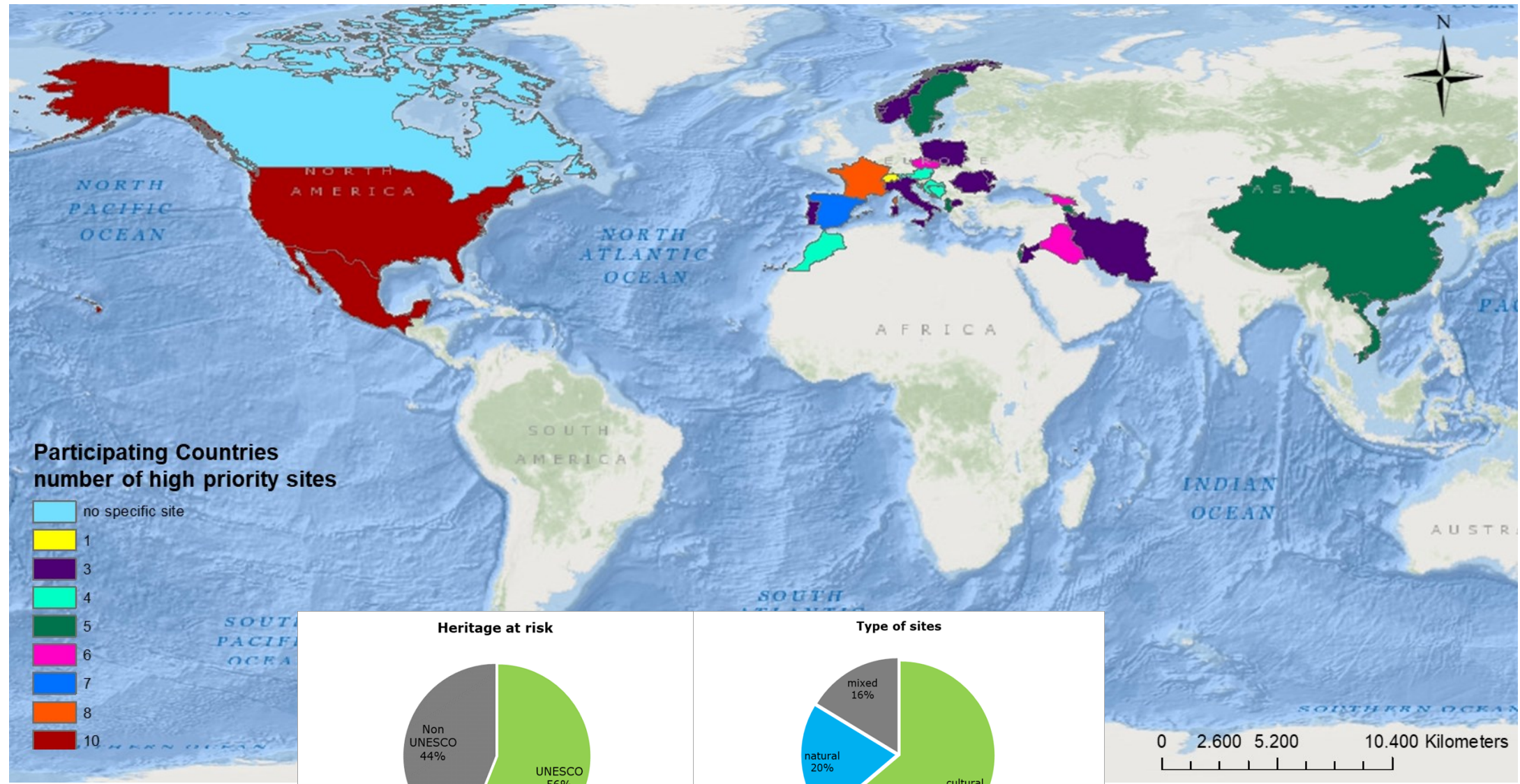


Competent ministries



31 countries - 141 sites : an adequate sample to investigate diverse aspects of the vulnerability of natural and cultural heritage worldwide from climate change impacts

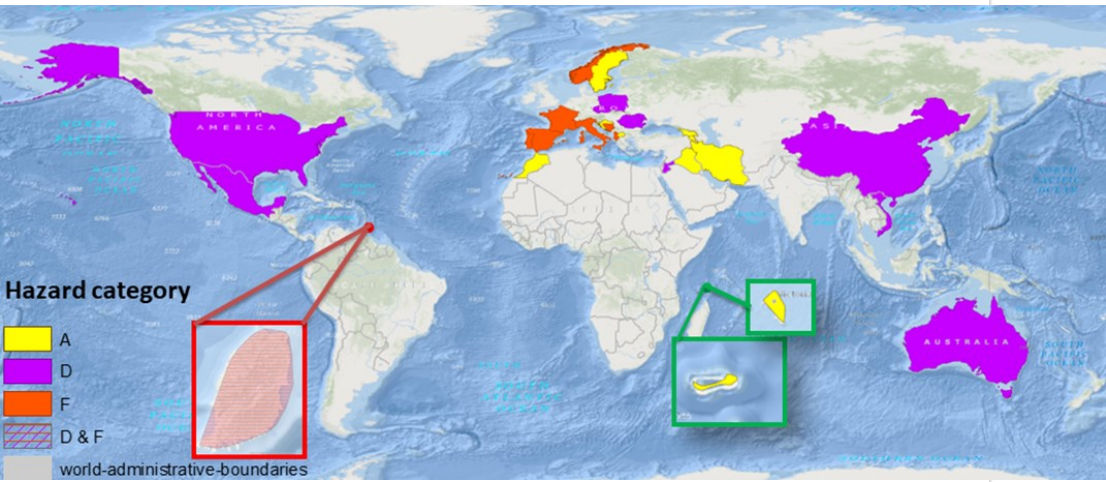
Proposed Sites



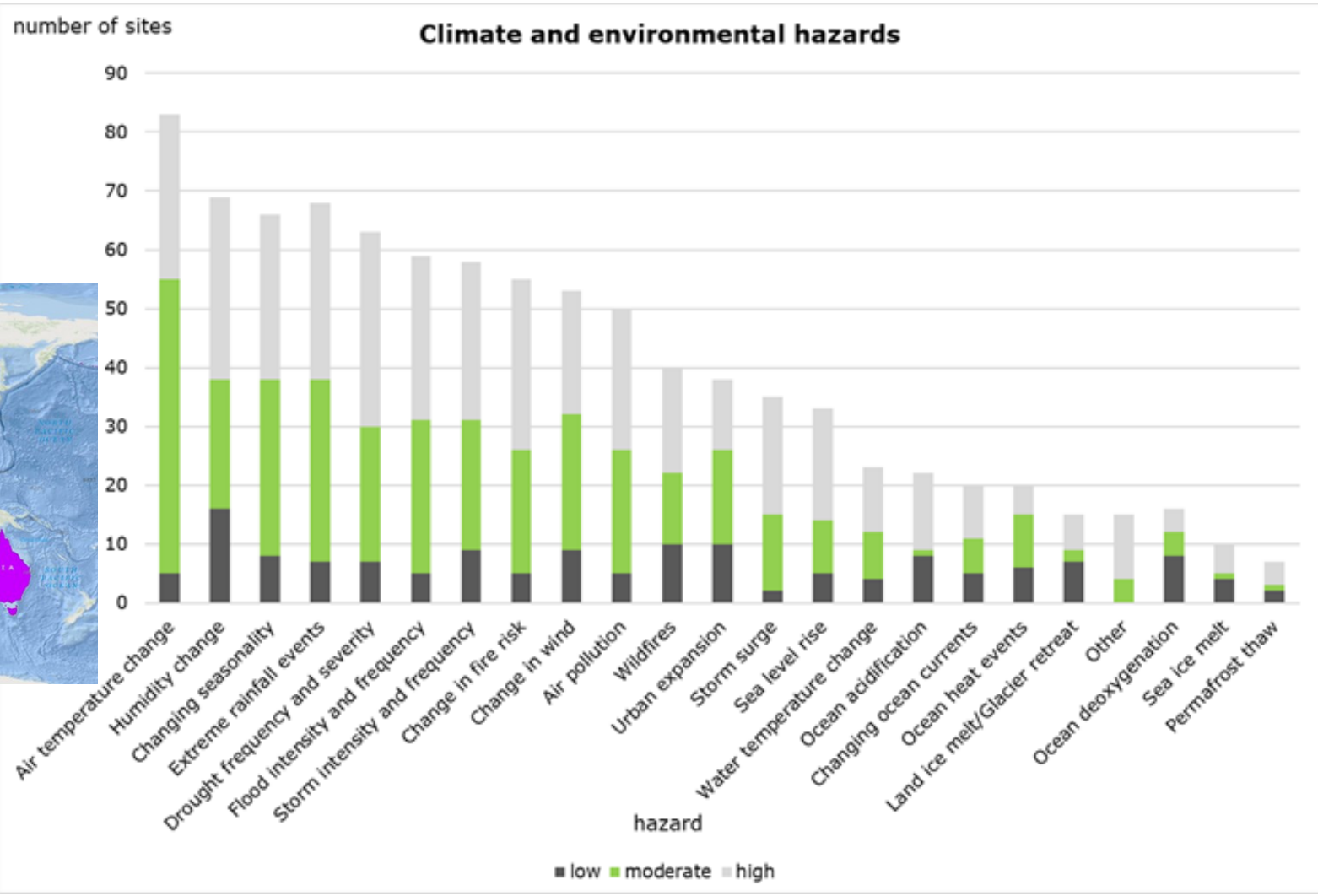
Hazards

Prevalent hazards: changes in air temperature and humidity

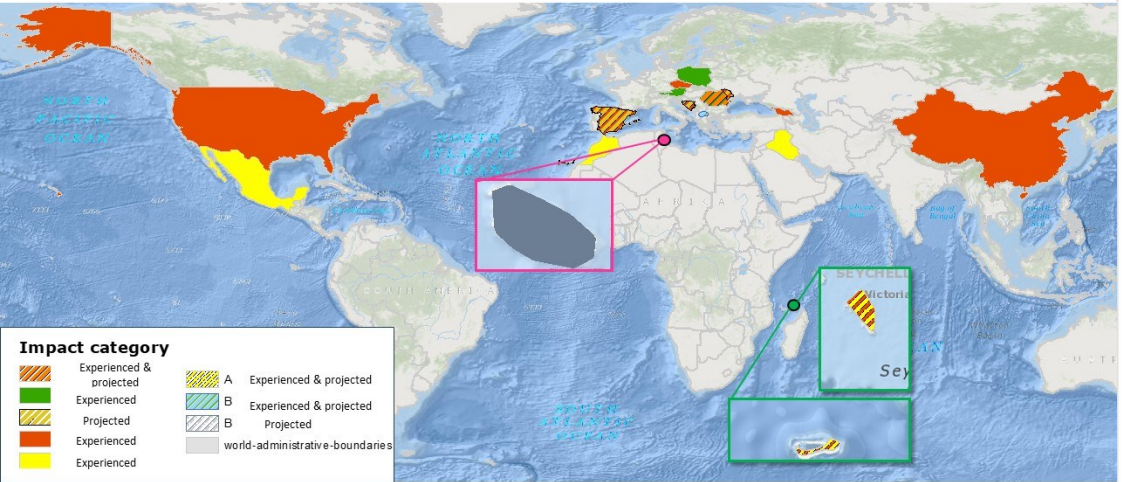
- Need for strategic actions to adopt sustainable and resilient solutions to confront specific CC hazards
- Other hazards mostly due to slow onset events were also mentioned



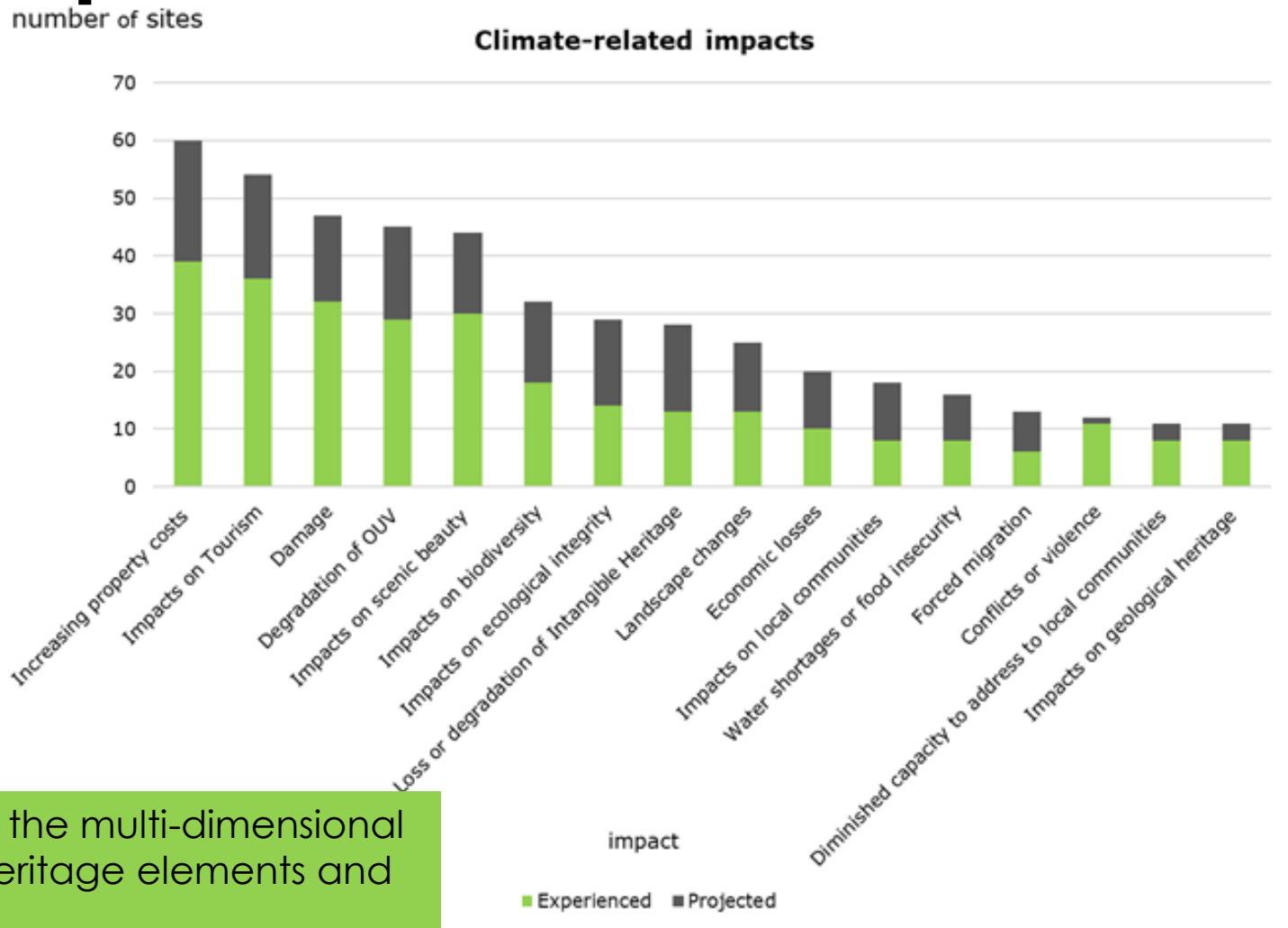
A: climate change, **B:** urbanization, **C:** wind change, **D:** ice melting, **E:** ocean conditions, **F:** fire events, and **G:** other hazards



Impacts



A: climate change, B: anthropogenic, C: fire, D: water

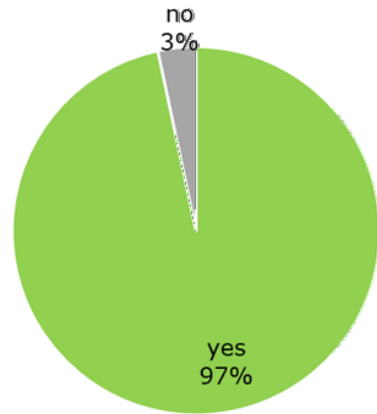


Prevalent impacts: economic ramifications, revealing the multi-dimensional and complicated nature of CC impacts on cultural heritage elements and the surrounding landscape

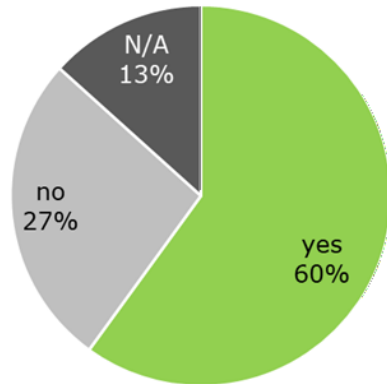
- Direct environmental impacts are considered less impactful
- A lot of effort needs to be put into environmental awareness and the nexus of environmental protection and climate change adaptation

Frames & Gaps

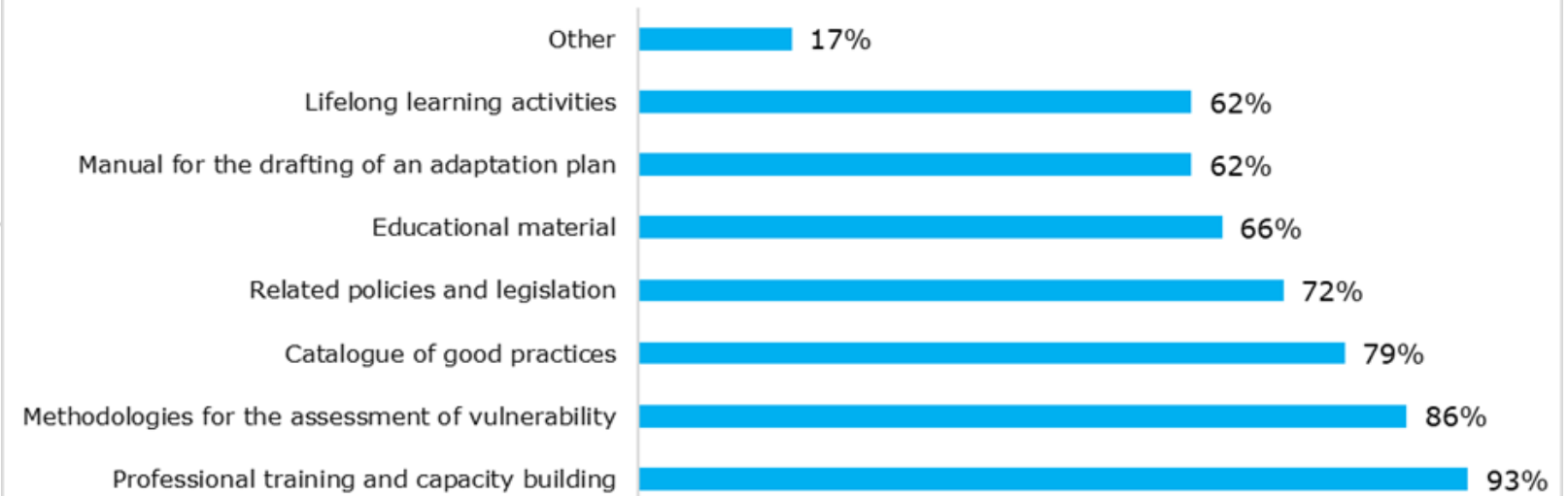
National Climate Change Adaptation framework or strategy



Dedicated chapter/sector on Cultural or Natural Heritage



Needs at national level

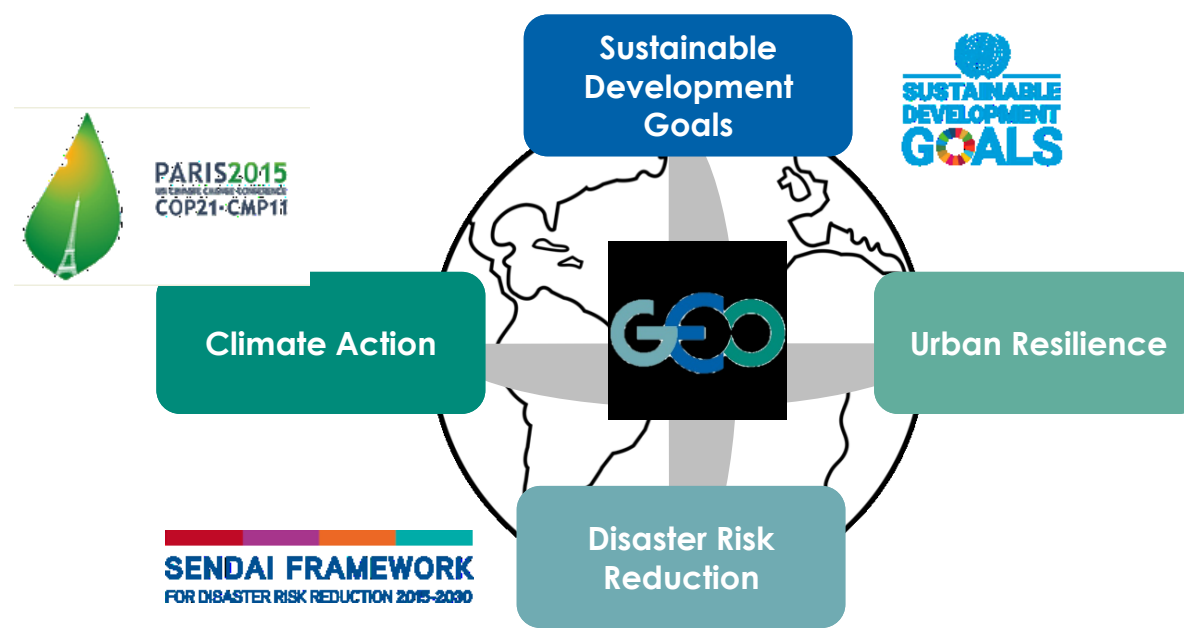


Contributing Countries to the survey

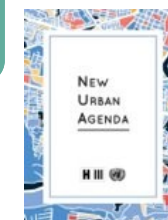
-  Albania
-  Armenia
-  Austria
-  Bosnia and Herzegovina
-  Canada
-  China
-  Croatia
-  Czech Republic
-  France
-  Georgia
-  Grenada
-  Iran
-  Iraq
-  Israel
-  Italy
-  Jordan
-  Malta
-  Mexico
-  Morocco
-  North Macedonia
-  Norway
-  Poland
-  Portugal
-  Republic of Moldova
-  Romania
-  Seychelles
-  Spain
-  Sweden
-  Switzerland
-  USA
-  Vietnam

Next steps...

- promote policy-oriented good practices in preserving cultural and natural heritage and improving resilience
- increase sharing of knowhow and networking also in the frame of the circular and digital economy
- showcase successful initiatives that have proven effective in enhancing the protection and resilience of heritage sites worldwide



For more information:
https://earthobservations.org/documents/gwp20_22/UHC_O.pdf



Thank you!

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For information about the initiative, please visit www.ccich.gr

