

Final outreach conference ProCultHer

Strengthening Cultural Heritage Resilience for Climate Change

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15 December 2021

Reinforcing synergies - cultural heritage & disaster risk management actors



European Framework of Action—momentum/legacy of EYCH 2018

Wider picture - Cultural heritage for a sustainable Europe

EGD - Climate change

DG RTD Horizon 2020/Europe

DG DEFIS - EU Space programme consisting:

- **European Earth Observation Programme (Copernicus);**
- European Global Navigation Satellite System (Galileo); &
- European Geostationary Navigation Overlay Service (EGNOS)

DG ECHO UCPM

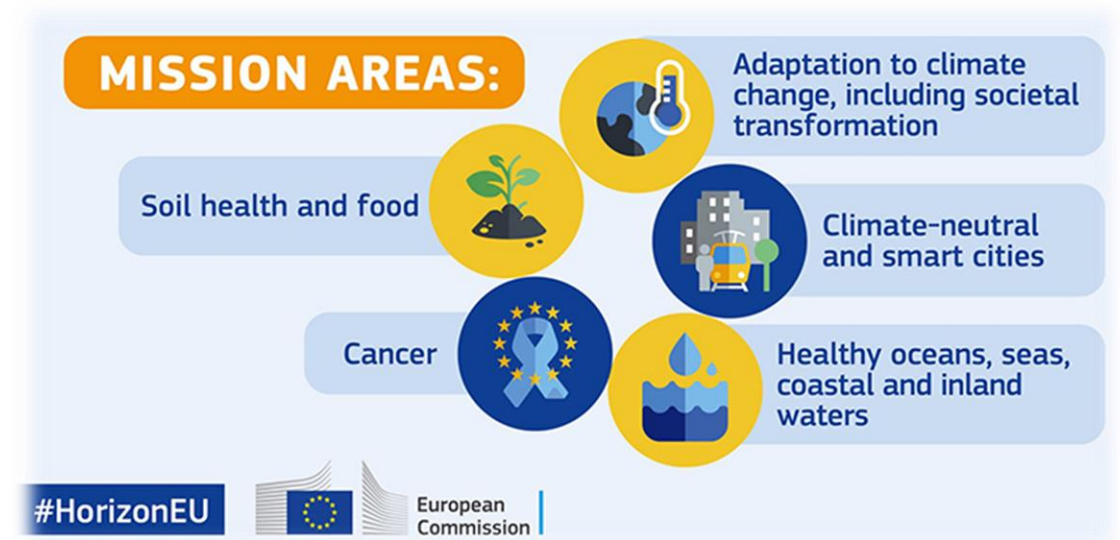
Relevant EU programmes and projects (Examples)

Horizon 2020 and previous programmes

- Noah`s Ark <https://cordis.europa.eu/project/id/501837>
- Climate for Culture <https://www.climateforculture.eu>
- STORM <http://www.storm-project.eu/>
- HERACLES <http://www.heracles-project.eu/>
- CLIC <https://www.clicproject.eu/>
- ARCH <https://savingculturalheritage.eu/>
- Hyperion <https://www.hyperion-project.eu/>
- CHICC <https://cordis.europa.eu/project/id/895147>
- YADES <https://cordis.europa.eu/project/id/872931>

Other funded programmes

- **ProCultHer** <https://www.proculther.eu/>
- CHARTER (Erasmus+): <https://www.charter-alliance.eu/>
- **LIFE-IP** AdaptInGR <https://www.adaptivegreece.gr/en-us/>



Horizon 2020: more than 600m EUR on cultural heritage projects

Horizon Europe, Cluster 2 “Culture, Creativity and Inclusive Society”: total budget of 2.28bn EUR.
33m EUR will be invested in culture & climate change under first work programme (2021-22)



Council Work Plan for Culture 2019-22

6 priorities

- **Sustainability in cultural heritage**
- Cohesion and well-being
- An ecosystem supporting artists, cultural and creative professionals and European content
- Gender equality
- International cultural relations
- Culture as a driver for sustainable development

18 actions over 4 years



OMC group (Council Work Plan for Culture 2019-2022)



Climate Change and Cultural Heritage

Title - Strengthening Cultural Heritage Resilience for Climate Change

The mandate directly linked to UN SDG 13 “*Take urgent action to combat climate change and its impacts*”

Growing interest in group – e.g. presentation at COP26 11 November 2021

Report and recommendations – mid 2022

Over 50 experts from Austria, Belgium, Croatia, Cyprus, Czechia, Estonia, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Sweden, Spain, Switzerland (28) 25 + 3

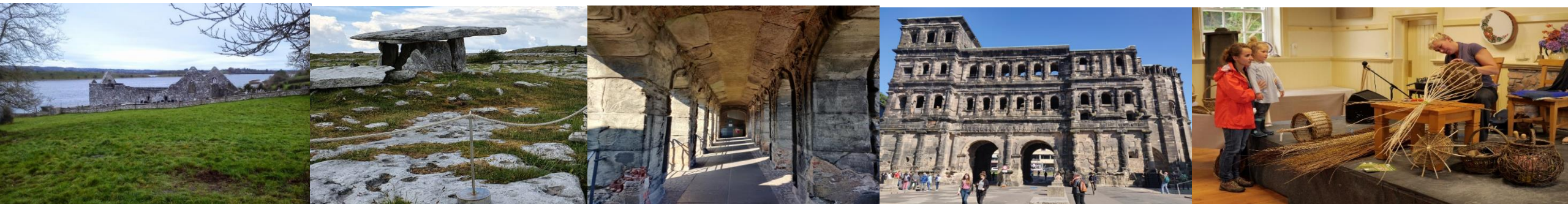
Objectives

- Identify & exchange good practices & innovative measures for protection of cultural heritage (including both tangible & intangible)
- Examine the current & emerging threats & impacts of climate change on cultural heritage
- Examine contribution cultural heritage can make to mitigating & combatting climate change in line with European Green Deal's goals

Outcomes

Lead to **awareness-raising, capacity-building & produce recommendations** to contribute to discussions & planning of climate change measures at European & national level.

@National Monuments Service, Department of Tourism, Culture, Arts, Gaeltacht, Sport and Media



Questionnaire – OMC members

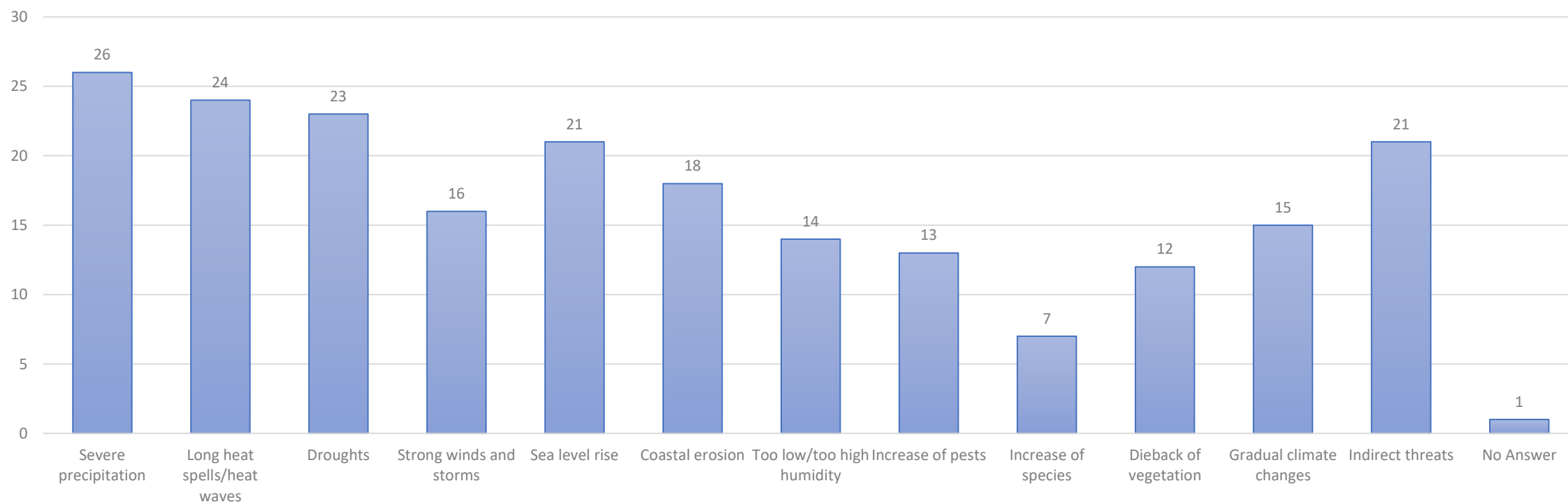


Knowledge about climate change on cultural heritage mostly on **immovable heritage** - but still very little reliable data in general for cultural heritage

Members - appears to be need for common space where information, data, knowledge, and best practices can be exchanged & shared

Threats and impacts of Climate Change on built heritage

Evident threats in future





Best Practice Case Studies



Good practices – tangible and intangible (including underwater, cultural landscapes etc.)

Geographic and climate zone



Type e.g. research project, policy development, training etc

How is climate change being taken into account?

The innovative character? (CO₂ reduction, energy efficiency, public awareness, learning model etc)



Challenges / Stakeholders / Budget / Incentives?

Adaptation example

Slovenia - Franja Partisan Hospital

Project of reconstruction following the devastation caused by flooding

Symbolic value of the monument (illegal hospital between 1943-1945) – education for peace project

Rehabilitating streambed & installation of protective system - protect complex from risen waters & landslides

Preventative measures taken - reduce the risk of natural disasters to safeguard monument in gorge.

Coordination between water industry (ensure sufficient water flow of stream) & heritage professionals (safeguard the natural appearance of stream)

Learning model - importance of regular monitoring & maintenance of riverbanks

Mitigation example

Belgium - Omal fortified Refuge 1625

- Illustration of building with very high heritage quality & energy saving interventions - will be heated by geothermal energy and underfloor heating
- Guarantee current use and future for an old building
- Listed tower insulated from inside with natural materials selected according to thorough study of risks of thermal bridges and water hazards.
- Working together – professionals (archaeologists, architects etc - specialised in heritage)

Research and Innovation example

Germany +15 EU countries

- EU Climate for culture - research and training
- Objective - assess future impact of climate change until 2100 on indoor climate conditions in historic houses + how much energy will be needed for adequate indoor conditions
- High-resolution climate models with building simulation tools

Training/policy development example

Croatia – conserve tradition of dry stone walling - research project/training - focus on youth

Dry stone structures play vital role:

- preventing landslides, floods and avalanches,
- combating erosion and desertification of the land,
- enhancing biodiversity & creating adequate microclimatic conditions for agriculture



Sub-working groups

- Renovation, energy efficiency & mitigation
- Cultural Heritage & Climate Change adaptation
- Research & innovation
- Awareness raising, education, training & policy development

European Year of Youth 2022

- Honour and support the generation that has sacrificed most during pandemic;
- Encourage all young people, to become active citizens and actors of positive change;
- Promote opportunities - with the successful implementation of NextGenerationEU, providing quality jobs, education and training opportunities; and
- Provide inspiration

[European Youth Portal](#)



**CREATE
IT !**

EUROPEAN YEAR
OF YOUTH 2022

WITH US





Additional information

[KIC call-for-proposals-scaling-the-new-european-bauhaus-ventures](#) DDL 17
December 2021

[New European Bauhaus](#)

[Cultural Heritage in Action - Catalogue of good practices](#)

OMC on cultural dimension of sustainable development

[Council Conclusions 6 Oct 2021](#) – calling upon all parties, to come forward with ambitious Nationally Determined Contributions (NDCs) and recognise the need to step up adaptation efforts collectively

[OMC High-quality architecture and built environment for everyone](#)

[ICOMOS updated Quality Principles for EU-funded interventions with potential impact on cultural heritage](#) and [Abridged version](#)

[Sustainable cultural tourism \(SCT\) OMC member states working group report](#)

[European Cultural Heritage Green Paper, Europa Nostra in cooperation with ICOMOS & Climate Heritage Network, with input of members of European Heritage Alliance](#)

Thank you



#EuropeForCulture

*The legacy continues
Beyond*

OUR HERITAGE:
WHERE THE PAST
MEETS THE FUTURE

2018 
EUROPEAN YEAR
OF CULTURAL
HERITAGE
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