



Senato della Repubblica



Strengthening Cultural Heritage Resilience for Climate Change

The Committee on Education, Culture, Research, Youth and Sport of the Italian Senate hearing on
impact of climate change on cultural heritage and landscape

Anne Grady, DG EAC

13 July 2021



*The science is clear.
Climate change is happening.
The impact is clear.
The time to act is now.*

Ban Ki Moon, 2007, Bali Climate Change Conference



Overview

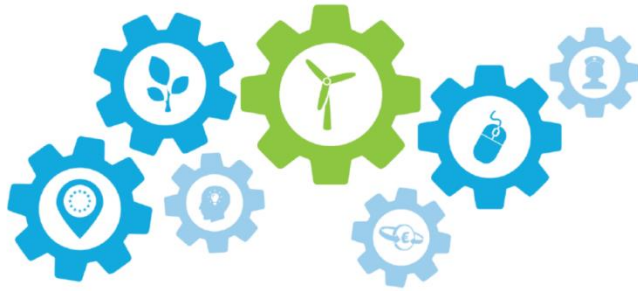
- Background
- Funded programmes
- Council Workplan for Culture
- Role and make-up of OMC group (Italy)
- Working approach
- Results
- Timeline

Climate change: a challenge of our times

★ 2014-2019 – Jean-Claude Juncker Commission

One of the 10 priorities: “A Resilient Energy Union with a Forward-Looking Climate Change Policy”

EU played a key role in the successful outcome of the Paris agreement



★ 2019-2024 - Ursula von der Leyen Commission

Ursula von der Leyen, President of the European Commission

European Green Deal – striving to be the first climate-neutral continent

https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en

EU policies and targets

- ▶ EU Emissions Trading System
- ▶ Effort Sharing Regulation
- ▶ National Energy and Climate Plans
- ▶ Land use
- ▶ Clean transport
- ▶ Adaptation
- ▶ Energy Union
- ▶ Protection of ozone layer
- ▶ Global phase-down of HFCs



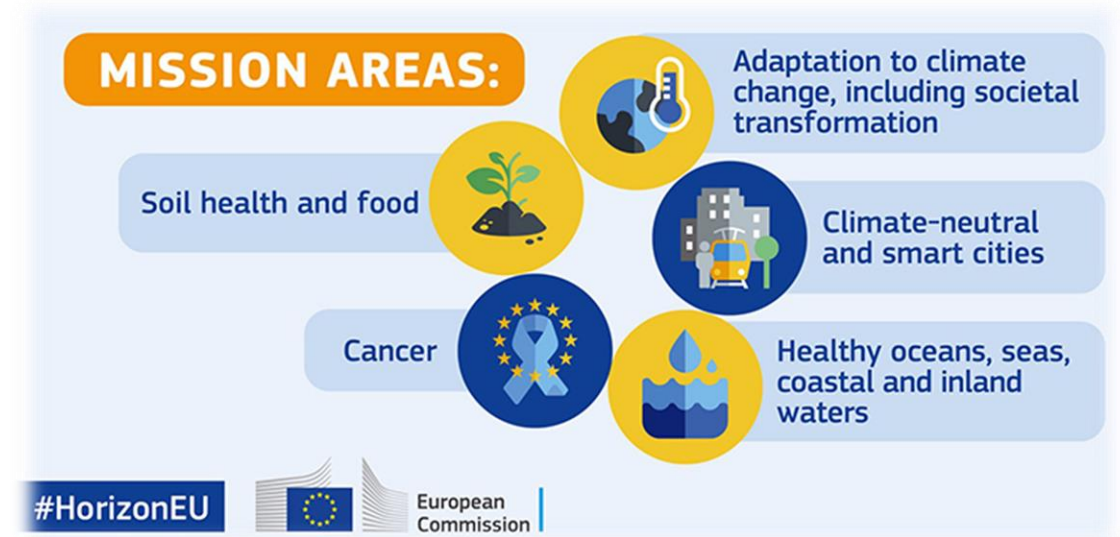
Relevant EU programmes and projects (Examples)

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

- CHARTER (Erasmus+): <https://www.charter-alliance.eu/>
- ProCultHer <https://www.proculther.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 for MS, PRES, EC to be carried out over 4 years

Background

EYCH 2018/New European Agenda for Culture/European Framework for Action on Cultural Heritage

- Agenda 2030 (SDGs)
- European Green Deal
- 2015 Paris Agreement
- Intergovernmental Panel on Climate Change
- UN Sendai Framework
- Council conclusions on risk management

Open Method of Coordination



OMC working groups are composed of and chaired by experts nominated by EU Member-States;

Member State experts are, generally, civil servants/policy makers, academics or key stakeholders in the field of culture.

The European Commission (DG EAC Unit D1) provides the Secretariat.

Decision on participation of Switzerland, Norway and Iceland is taken by each OMC WG

Form of soft law – not legally binding

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



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”*

Other relevant SDGs include 7, 11, 14, 15 and 17, also in mandate European Green Deal , “Paris Agreement”, UN Sendai Framework for Disaster Reduction 2015-2030, IPCC, Council Conclusions on Risk Management in area of Cultural Heritage May 2020

Two meetings so far – 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





Italy

Italian OMC representatives

- Ms Elisabetta Giani - Central Institute for Restoration
- Ms Cristina Sabbioni - Institute of Atmospheric Sciences and Climate

G20 Addressing the climate crisis through culture: preserving heritage and supporting the green transition webinar

Presentation of OMC at Italian G20 Presidency Culture Webinar 12 April 2021

Objectives and outcomes

- 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 (including cultural landscapes)
- 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. Q4 2022 (CZ)

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Questionnaire – work in progress

- Compiling OMC group members' feedback
- Overall identifying priorities and best practices - adaptation and mitigation climate change
- 2 main parts:
 - Quantitative: general information per country
 - Qualitative: inputs concerning best practices and initiatives in place

Questionnaire – work in progress

- **Most evident threats:** severe precipitation, heat waves, droughts, sea level rise, coastal erosion, strong storms and gradual climate changes
- **Immovable cultural heritage** most predominant in responses – as types of heritage at risk 93% responses (movable heritage 42%)
- **Intangible cultural heritage** lower numbers of responses – seems lack of reliable data. Types threatened - rituals (29%), oral traditions (18%), performing arts (11%)



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

Next Stage - Case Studies

Good practices

- Tangible cultural heritage (buildings, monuments, industrial heritage, coastal, historical cities, art works, documentary heritage and others)
- Underwater cultural heritage
- Cultural landscapes (including urban, rural, maritime, historical gardens and historic sites)
- Intangible heritage (including oral traditions, performing arts, rituals, traditional skills and others)



Next Stage - Case Studies

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?

Timeline

1-2021 (PT)	2-2021 (SI)	1-2022 (FR)	2-2022 (CZ)
OMC Strengthening Cultural Heritage Resilience for Climate Change			OMC report





Additional information

OMC High-quality architecture and built environment for everyone

OMC on cultural dimension of sustainable development

ICOMOS updated Quality Principles for EU-funded interventions with potential impact on cultural heritage:

<http://openarchive.icomos.org/id/eprint/2436/> abridged version:

<http://openarchive.icomos.org/id/eprint/2440>

New European Bauhaus https://europa.eu/new-european-bauhaus/index_en

Sustainable cultural tourism (SCT) OMC member states working group report <https://op.europa.eu/en/publication-detail/-/publication/164ea9c5-2255-11ea-af81-01aa75ed71a1/language-en/format-PDF/source-118903778>

European Cultural Heritage Green Paper, Europa Nostra in close cooperation with ICOMOS & Climate Heritage Network, with input of members of European Heritage Alliance <https://www.eurapanostra.org/putting-europes-shared-heritage-at-the-heart-of-the-european-green-deal/>

Thank you



#EuropeForCulture

*The legacy continues
Beyond*

**OUR HERITAGE:
WHERE THE PAST
MEETS THE FUTURE**

2018 
**EUROPEAN YEAR
OF CULTURAL
HERITAGE**
#EuropeForCulture

