

CLIMATE CHANGE, HERITAGE & MITIGATION

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THE INTERNATIONAL DIMENSION

- **Intergovernmental Panel on Climate Change Reporting since 1988**
- **UNFCCC & Conference of the Parties**
- **UN Transforming our World: the 2030 Agenda for Sustainable Development**
- **The Rio Conventions, Kyoto Protocol & Paris Agreement**
- **UNESCO, ICOMOS, ICCROM**
- **Climate Heritage Network & its active membership**



REPORTS AND RESEARCH

- IPCC Special Report on Global Warming of 1.5°C
- UN Environment: Emissions Gap Report
- European Commission: 2050 Long-Term Strategy
- Energy Transition Commission: Mission Possible
- Royal Society and Royal Academy of Engineering: Greenhouse Gas Removal





CLIMATE MITIGATION

What is it?

WHAT IS CLIMATE MITIGATION?

All efforts and action **to reduce or prevent emissions** and **enhance sinks**

To limit human-induced factors contributing to climate change its its associated impact

Stabilise GHG concentrations in the atmosphere to a level that prevents anthropogenic climate change

Legally binding emission reduction commitments and targets

Reporting on efforts to mitigate emissions

Implementing mitigation actions



MITIGATION EXAMPLES

- Energy & Resource Efficiency
- Embodied Carbon Considerations
- Carbon Sequestration
- Carbon Reduction
- Renewable Energy



Shrewsbury Flax Mill. Photo: <https://shrewsburybigtownplan.org/>

UK COMMITMENTS

Legislation and Policy



UK GOVERNMENT, BODIES AND REPORTING

BEIS is overall Govt lead for climate change including mitigation (Clean Growth & Net Zero)

Defra is Govt lead for climate change risk and adaptation/resilience

Climate Change Committee (CCC) is non departmental public body advising Govt on climate change

The Green Finance Institute (GFI) is an initiative to promote sustainable finance and investment

Key reports: UK Climate Projections, UK Carbon Budgets; Climate Change Risk Assessments; National Adaptation Programme



LEGISLATION & POLICIES ADDRESSING CLIMATE MITIGATION

Climate Change Act 2008 and the Carbon Budgets (Amendment) Order 2019

Clean Growth Strategy 2017

The Heat and Buildings Strategy 2021

Net Zero Strategy 2021

Transport Decarbonisation Plan 2021

Environment Act 2021

Powering Up Britain: The Net Zero Growth Plan 2023



FROM RESEARCH TO ACTION



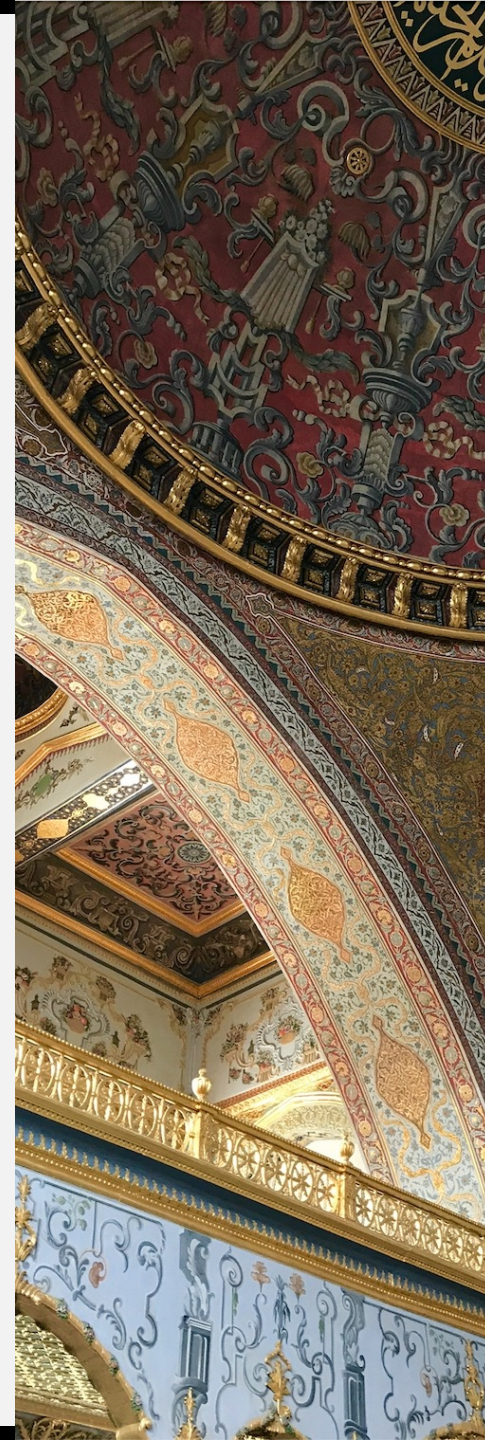


THE ICSM CHC PROJECT



ICSM CHC BACKGROUND

‘Recommends the World Heritage Centre **strengthen its relations with other organizations working on Climate Change**, particularly with the UNFCCC and the Intergovernmental Panel on Climate Change (IPCC) secretariats, and specifically with regard to the effect of Climate Change on World Heritage properties, and also requests **the States Parties, the World Heritage Centre and the Advisory Bodies [IUCN, ICOMOS, ICCROM] to work with IPCC** with the objective of including a specific chapter on natural and cultural World Heritage in future IPCC assessment reports’.



TANGIBLE | NATURAL | INTANGIBLE HERITAGE

TANGIBLE

ARCHAEOLOGICAL SITES

BUILDINGS

STRUCTURES

MONUMENTS

LAND/SEA SCAPES

PARKS AND GARDENS

MUSEUMS

ART & BOOKS

ARCHIVES

NATURAL

FAUNA

FLORA

ECOSYSTEMS

NATURAL FEATURES

NATURAL STRUCTURES

GEOLOGICAL FORMATIONS

PHYSIOGRAPHICAL FORMATIONS

BIODIVERSITY

INTANGIBLE

FOLKLORE

TRADITIONS

LANGUAGES

WAYS OF KNOWING

CULTURAL EXPRESSIONS

PERFORMANCES

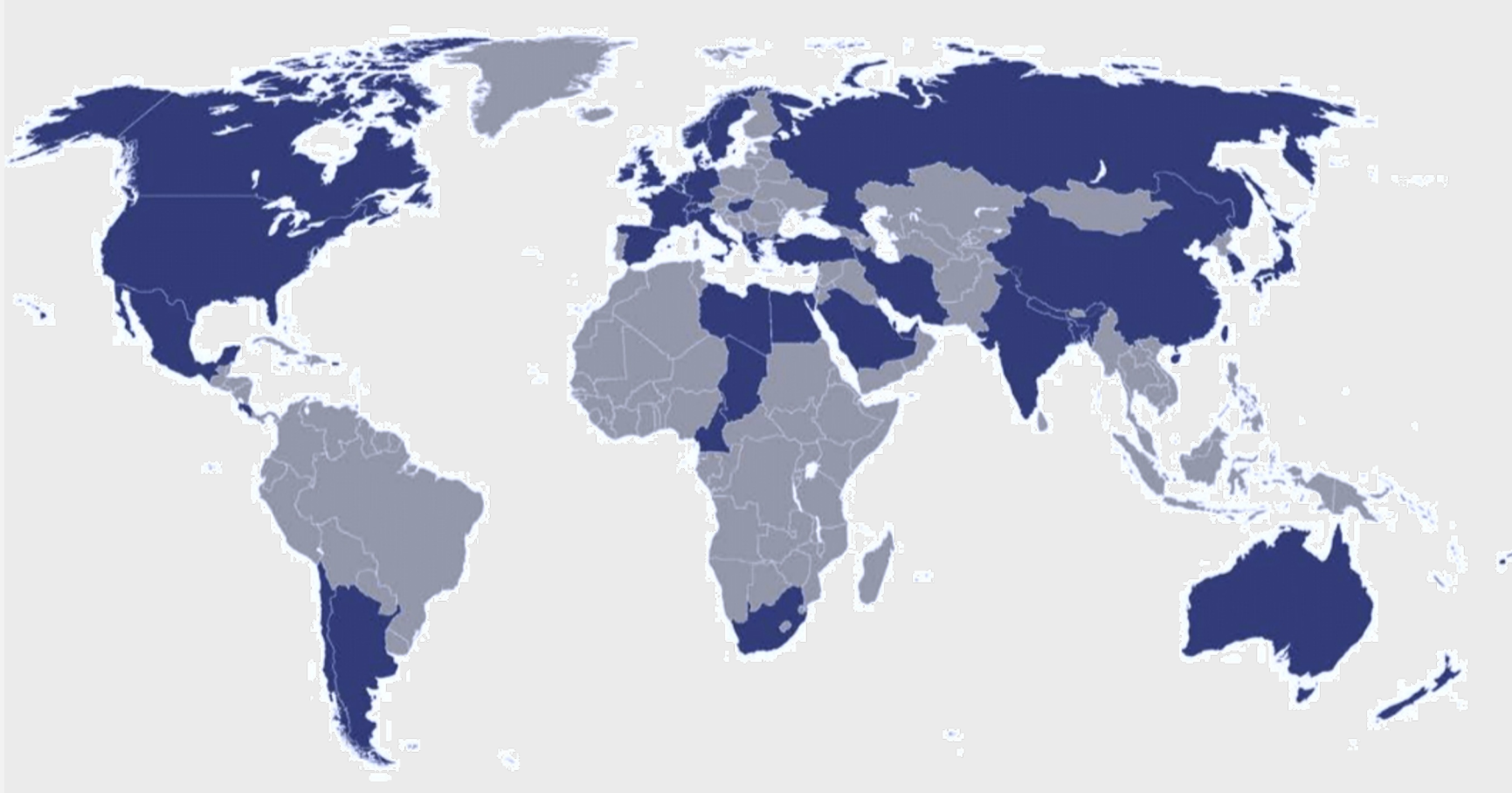
CEREMONIES

MUSIC & DANCE

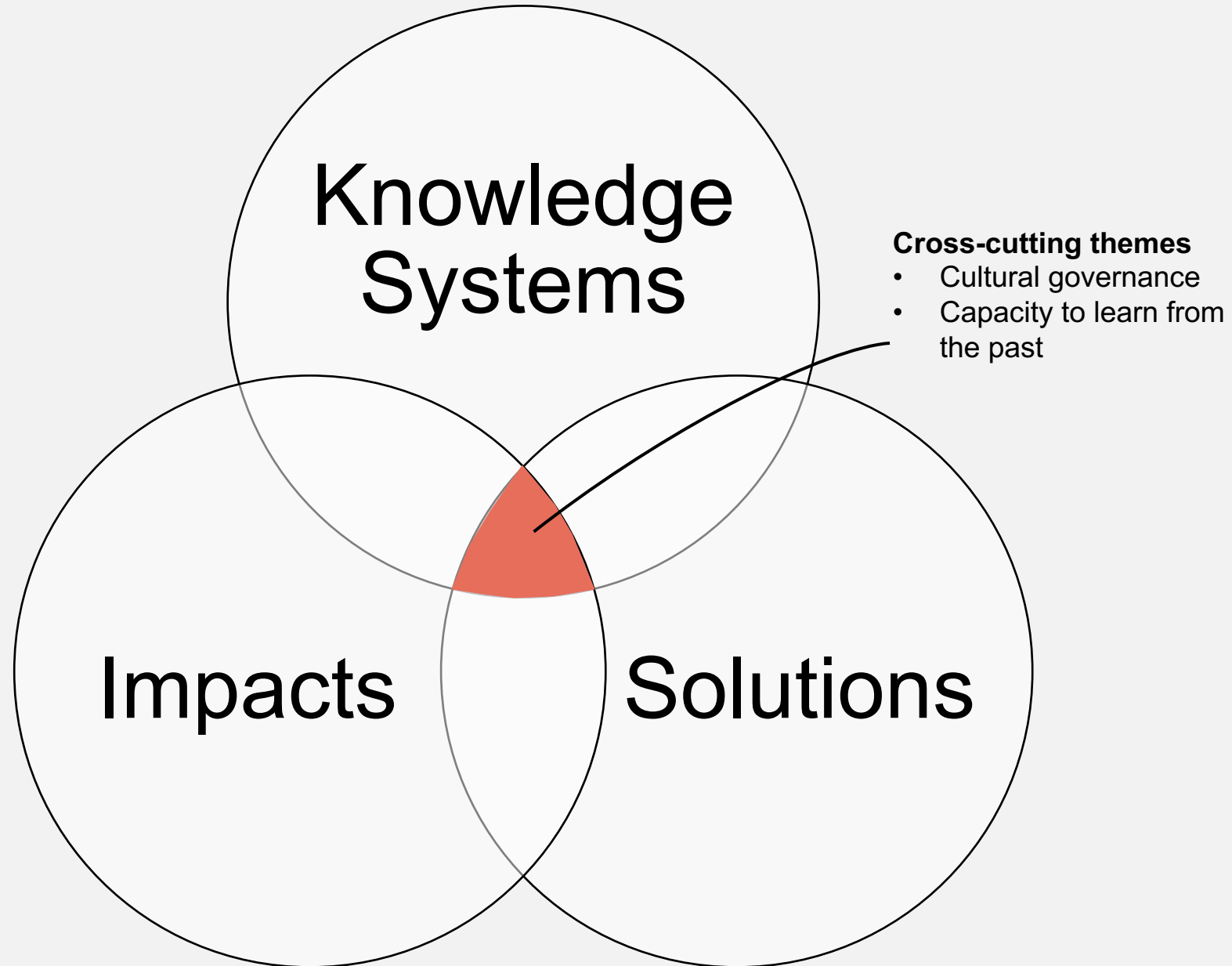
ART & DESIGN



ICSM CHC PARTICIPANTS



THE THEMES



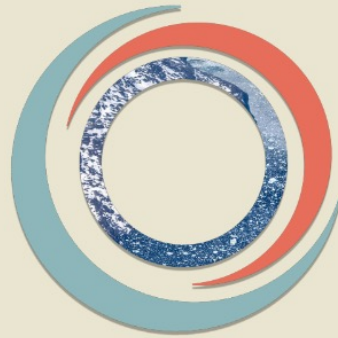
Global Research and Action Agenda on **Culture**, Heritage, and **Climate** Change



Scientific Outcome of the International
Co-Sponsored Meeting on Culture, Heritage and Climate Change

 INTERNATIONAL CO-SPONSORED MEETING ON
CULTURE, HERITAGE & CLIMATE CHANGE

Impacts, Vulnerability, and Understanding Risks from Climate Change to Culture and Heritage



A White Paper commissioned for the International Co-Sponsored
Meeting on Culture, Heritage and Climate Change

 INTERNATIONAL CO-SPONSORED MEETING ON
CULTURE, HERITAGE & CLIMATE CHANGE

Intangible Cultural Heritage, Diverse Knowledge Systems, and Climate Change



A White Paper commissioned for the International Co-Sponsored
Meeting on Culture, Heritage and Climate Change

 INTERNATIONAL CO-SPONSORED MEETING ON
CULTURE, HERITAGE & CLIMATE CHANGE

The Role of Cultural and Natural Heritage for Climate Action



A White Paper commissioned for the International Co-Sponsored
Meeting on Culture, Heritage and Climate Change

 INTERNATIONAL CO-SPONSORED MEETING ON
CULTURE, HERITAGE & CLIMATE CHANGE

MEETING OUTPUTS



HIGH LEVEL AGENDA WITH 45 KEY MESSAGES

OF RELEVANCE HERE IS:

The realisation that culture & heritage are central to climate change understandings, responses & action

The need to use diverse forms of evidence for understanding climate change & decision- & policy-making

The importance of institutions to facilitate equitable inclusion of diverse knowledge systems in decision- & policy-making



UNFCCC | COP27 Cover Decision, the Sharm el-Sheikh Implementation Plan

Article 22.

*Notes with grave concern...*the growing gravity, scope and frequency in all regions of loss and damage associated with the adverse effects of climate change, **resulting in devastating economic and non-economic losses, including forced displacement and impacts on cultural heritage, human mobility and the lives and livelihoods of local communities,** and *underlines* the importance of an adequate and effective response to loss and damage...



Credit: William Megarry (ICSM CHC ICOMOS Co-chair)

UNFCCC | COP28 *Emirates Declaration on Cultural-based Climate Action*

Acknowledging our collective concern ...in order to mitigate the most catastrophic climate impacts, including irreversible losses and damages to culture and heritage...

Recalling the International Meeting on Culture, Heritage and Climate Change co-sponsored by the IPCC, ICOMOS and UNESCO and held in December 2021...

Recognizing the increasing engagement of the IPCC with culture, heritage, social science, and with the valorization of diverse knowledge systems

We declare...to pursue...

Scaling-up mitigation activities and responses at the national and, as appropriate, at subnational levels, and, in accordance with national laws and regulations...



IPCC-60 | ICSM CHC Progress Report presented at the Sixtieth Session of the IPCC, Turkey

The Report requested that the IPCC consider deciding that an IPCC Expert Meeting on Culture, Heritage and Climate Change should take place during the AR7 cycle, and the invitation to those scoping the WGII contribution to AR7 products to include a specific chapter on culture and heritage, including a focus on Indigenous and traditional knowledge.

The new IPCC Chair Jim Skea noted it as “concise report on topics which are very close to a lot of delegates...”



MITIGATION FLASH SPEAKERS

1

How English Heritage reduced its carbon footprint for preventive conservation by 40%

David Thickett, English Heritage

2

How do you decarbonise a palace?

Jen Stone, Historic Royal Palaces

3

Sustainability in Archives: Technological Revolution

Pedro Maximo Rocha, The National Archives

4

Let's fill those gaps: What conservators need to address the climate emergency

Lorraine Finch, Icon Sustainability Network

5

Environmental parameters for collections - a brave new world

Isobel Griffin, National Galleries Scotland

