

Informed Conservation, Informed Sustainability

An emerging European Perspective



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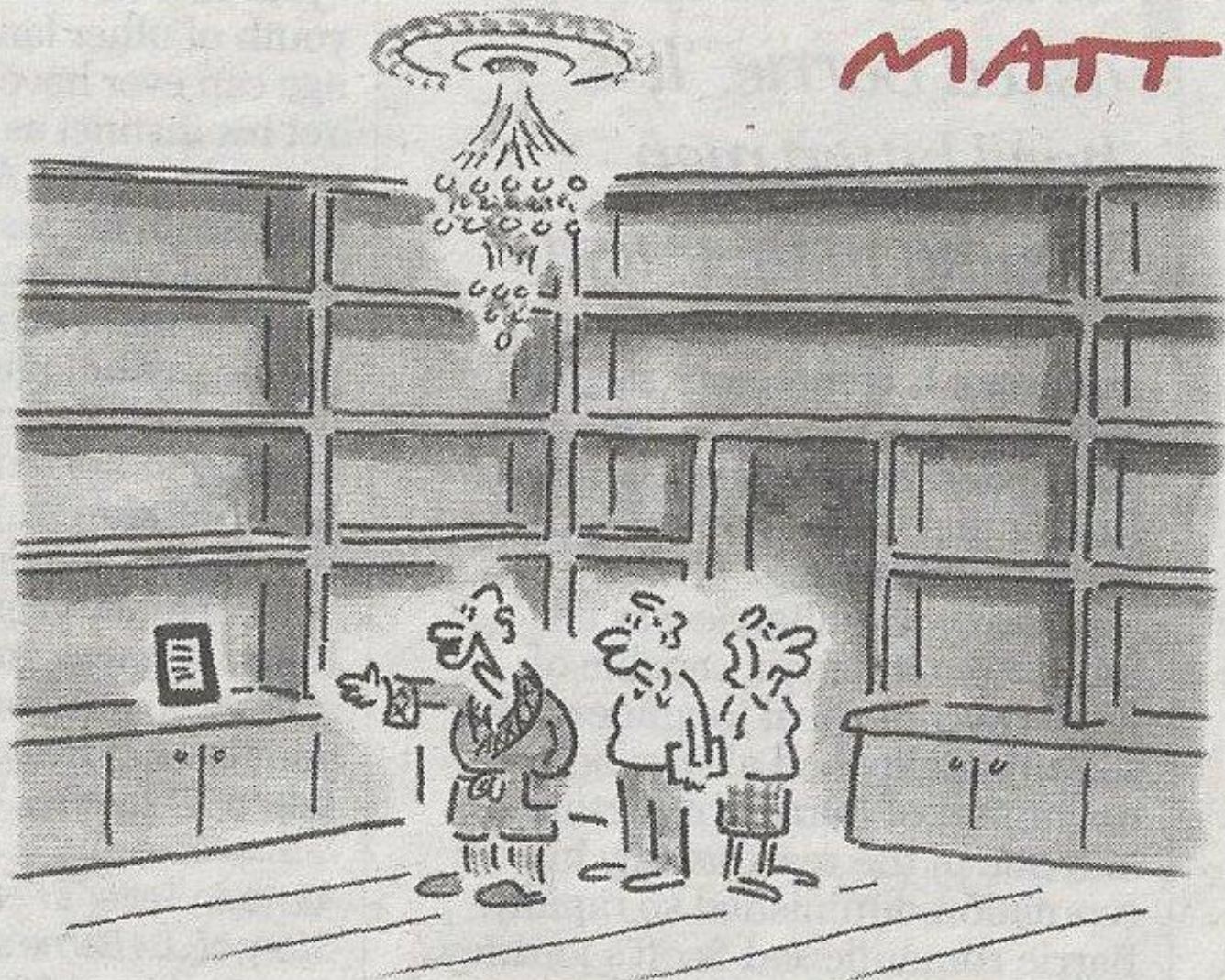


SKOLSTREJK
FÖR
KLIMATET



Extinction Rebellion, Wien, 7 October 2019

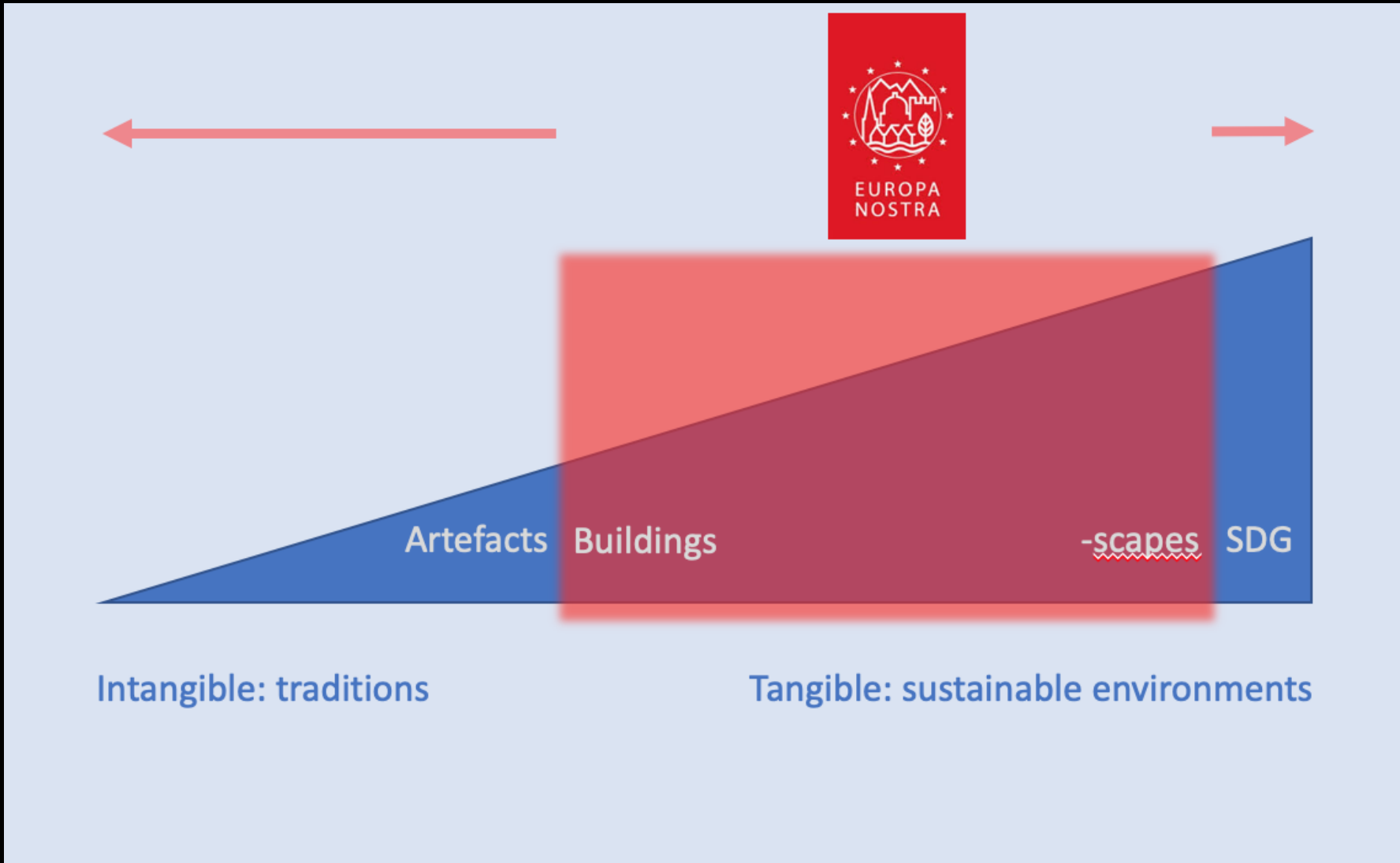
MATT



“... and this is the library”



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<https://www.europanostra.org>



NEWS

Science & Environment

Climate change: Big lifestyle changes are the only answer

By Justin Rowlatt
Chief Environment correspondent

11 October 2019



Climate change



Experts expect more extreme weather in future

The UK government must tell the public small, easy changes will not be enough to tackle climate change, warn experts.

UK Government report on Climate Change

"An upheaval in our lifestyles is the only way to meet targets"

Diet: 30% of a household carbon footprint
Change subsidies and taxes to shift from animal to vegetable diet

Heating: 21% of a household's carbon footprint
Remove VAT on installation of insulation and low-carbon heating systems

Travel: 34% of a household's carbon footprint
Significantly increase infrastructure, investment and subsidies in electric vehicles and encourage more cycling



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1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS




SUSTAINABLE DEVELOPMENT GOALS



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CLIMATE ACTION SUMMIT 2019



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THE SUMMIT

YOUTH SUMMIT

PROGRAMMES

FOR THE PRESS

ACT NOW

UN AND CLIMATE ACTION



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<https://www.un.org/en/climatechange/un-climate-summit-2019.shtml>

ROAD MAP TO



CLIMATE ACTION SUMMIT 2019



VERSION: 1 MAY 2019

2020



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2019

MAR 2019

- UN ENVIRONMENT ASSEMBLY (UNEA-4)
11-15 MAR, NAIROBI

ONE PLANET SUMMIT
14 MAR, NAIROBI

MAR 2019

AFRICA CLIMATE WEEK
18-22 MAR, ACCRA

FRIENDS OF PARIS AGREEMENT: HIGH LEVEL DIALOGUE
25-26 MAR, BEIJING

MAR 2019

AFRICA CEO FORUM
25-26 MAR, KIGALI

- HIGH-LEVEL MEETING ON PROTECTION OF THE GLOBAL CLIMATE CONVENED BY THE PGA
28 MAR, UNHQ

APR 2019

- GLOBAL CONFERENCE ON PARIS AGREEMENT AND 2030 AGENDA (UNFCCC/DESA)
1-3 APR, COPENHAGEN

WB/IMF SPRING MEETINGS
12-14 APR, DC

BELT AND ROAD INITIATIVE SUMMIT
25-27 APR, BEIJING

MAY 2019

PETERSBERG CLIMATE DIALOGUE
12-14 MAY, BERLIN

- GLOBAL PLATFORM FOR DISASTER RISK REDUCTION
13-17 MAY, GENEVA

MAY 2019

INTERNATIONAL CONFERENCE ON CLIMATE ACTION
22-23 MAY, HEIDELBERG

R20 AUSTRIAN WORLD SUMMIT
28-29 MAY, VIENNA

JUN 2019

G20 FINANCE MINISTERIAL
8-9 JUN, FUKUOKA

G20 MINISTER MEETING ON ENVIRONMENT AND ENERGY
15-16 JUN, NAGANO

UNFCCC SESSION
17-27 JUN, BONN

ASEAN SUMMIT
22-23 JUN, THAILAND

G20 SUMMIT
28-29 JUN, OSAKA

JUN-JUL 2019

- STOCKTAKING MEETING 2019 CLIMATE ACTION SUMMIT
30 JUN-1 JUL, ABU DHABI

MONTREAL PROTOCOL
1-5 JUL, MONTREAL

- HLPF ON SUSTAINABLE DEVELOPMENT (UNDER AUSPICES ECOSOC)
9-18 JUL, UNHQ

AUG 2019

LATIN AMERICAN & CARIBBEAN CLIMATE WEEK
19-23 AUG, SALVADOR DE BAHIA

G7 SUMMIT
24-26 AUG, BIARRITZ

SECOND CONSULTATION MEETING, FIRST REPLENISHMENT OF THE GCF
29-30 AUG

SEP-DEC 2019

ASIA PACIFIC CLIMATE WEEK
2-6 SEP

51ST SESSION IPCC: SPECIAL REPORT ON OCEANS
16-20 SEP

2019 CLIMATE ACTION SUMMIT OF THE SECRETARY-GENERAL
23 SEP, UNHQ

- UNFCCC COP25
2-13 DEC, SANTIAGO

MEETINGS AFTER THE SUMMIT, 2020 AND BEYOND

<https://www.un.org/en/climatechange/un-climate-summit-2019.shtml>



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#culture2030goal - UN Summit, New York, September 2019: Pre-Summit briefing



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Climate Heritage Network

EDINBURGH / OCTOBER 24th & 25th
**NETWORK
LAUNCH**



Climate Heritage
NETWORK

<http://climateheritage.org>

@ClimateHeritage

#ClimateHeritageLaunch



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**CULTURE IN THE
IMPLEMENTATION OF
THE 2030 AGENDA:**

A REPORT BY
THE CULTURE 2030 GOAL
CAMPAIGN



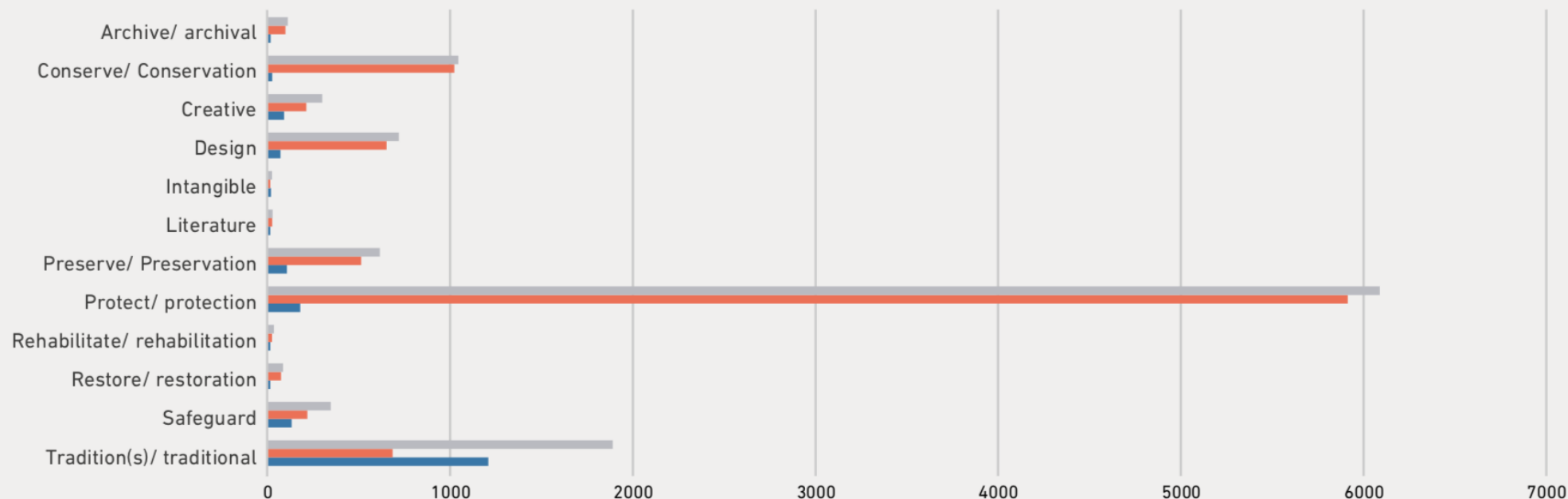
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https://www.icomos.org/images/DOCUMENTS/UN_SDG/culture2030goal_low.pdf

Figure 110: Comparison of culture-related keywords used in direct, cultural contexts and used with indirect, more generic meanings, 2016-19.

Keywords Use Relavant to Culture/ Other Contexts of VNR Total 4 Years



	Tradition(s)/ traditional	Safeguard	Restore/ restoration	Rehabilitate/ rehabilitation	Protect/ protection	Preserve/ Preservation	Literature	Intangible	Design	Creative	Conserve/ Conservation	Archive/ archival
Total	1883	342	81	31	6078	610	24	21	714	295	1039	107
**used in other contexts	680	214	70	21	5903	508	22	6	647	208	1017	94
*used relavant to culture	1203	128	11	10	175	102	2	15	67	87	22	13

VNRs: Voluntary National Reviews - "regular and inclusive reviews of progress at the national and sub-national levels, country-led and country-driven"

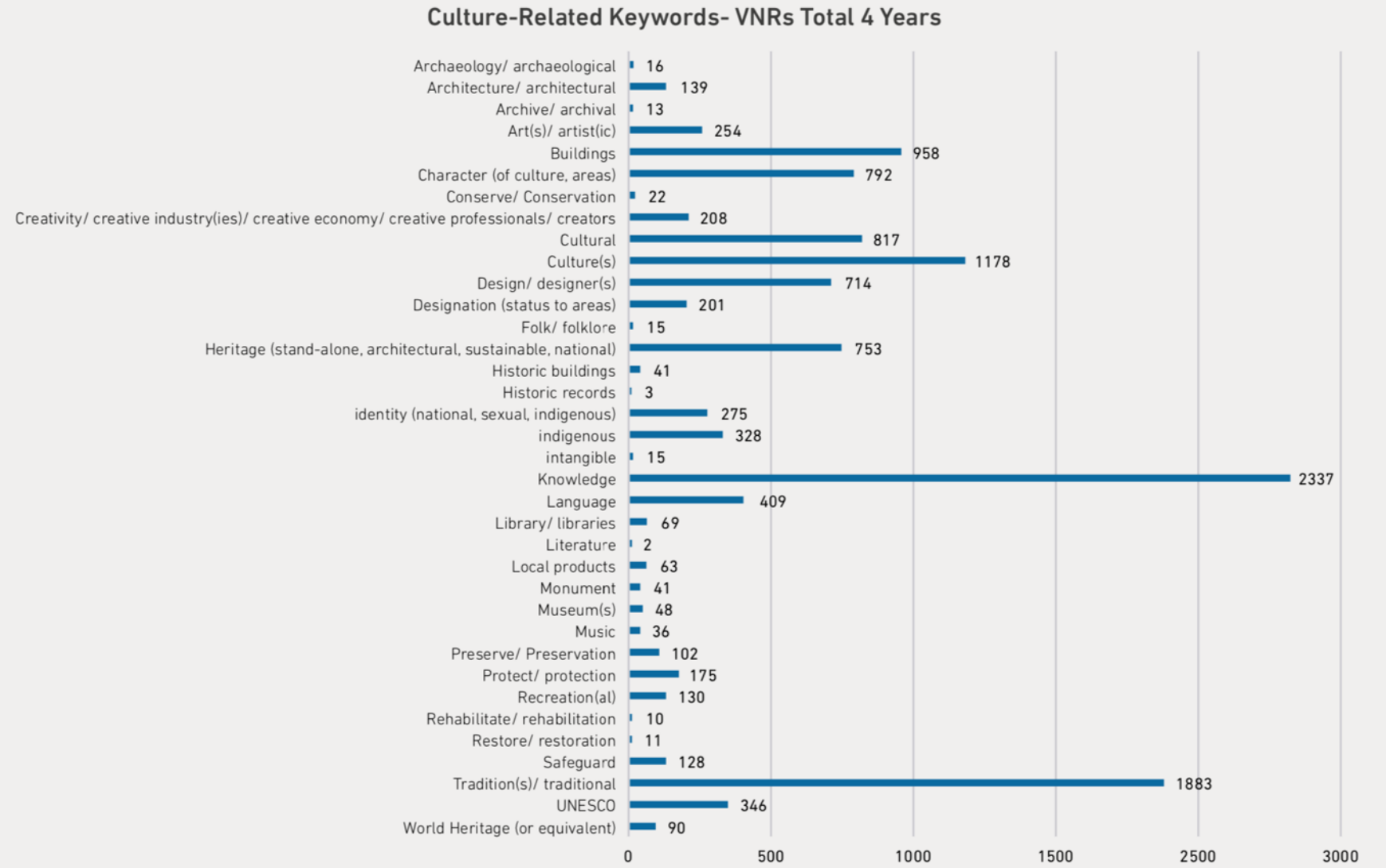
https://www.icomos.org/images/DOCUMENTS/UN_SDG/culture2030goal_low.pdf



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Figure 108: Breakdown of culture-related keywords, 2016-19.



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**The Future
of Our Pasts:
Engaging
cultural heritage
in climate action**

*Outline of Climate Change and
Cultural Heritage*

<https://www.icomos.org/en/about-the-centre/publicationsdoc/77-articles-en-francais/59522-icomos-releases-future-of-our-pasts-report-to-increase-engagement-of-cultural-heritage-in-climate-action>



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Climate Change Impacts	Moveable Heritage (including Museums & Collections)	Archaeological Resources (including underwater archaeology)	Buildings & Structures	Cultural Landscapes (including submerged cultural, landscapes and Historic Urban Landscapes, parks and gardens)	Associated & Traditional Communities	Intangible Cultural Heritage
Increased Temperature	<p>Facilities</p> <ul style="list-style-type: none"> Increased stress on HVAC systems in storage facilities Increased space constraints due to more items requiring protection in storage facilities Increased need for environmental controls in facilities/house collections Increased insect pest problems <p>Collections (without appropriate climate controls)</p> <ul style="list-style-type: none"> Increased rate of chemical decay Increased stress due to fluctuations in environmental conditions 	<ul style="list-style-type: none"> Micro-cracking of site contexts from thermal stress Faster deterioration of newly exposed artefacts and sites Deterioration of newly exposed materials from melting alpine ice and snow patches Accelerated rusting in submerged and littoral resources from warmer ocean temperatures More rapid decay of organic materials below and above ground Damage from increased biological activity at shallow (<100m) underwater sites Increased risk of damage due to decline/loss of protective sea grass or nearby coral reefs Increased tree and vegetation growth with associated root or other damage Greater tidal movement and associated currents would have significant impacts on shallow-water and intertidal sites Looting and the dispersal of the site during subsequent tidal or sediment movement Increased risk of fire Desiccation of waterlogged deposits; loss of Palaeoenvironmental information Changes in plant growth on archaeological sites (e.g. lichens on Neolithic megaliths) 	<p>Structural deterioration or degradation</p> <ul style="list-style-type: none"> Increased crystallization of efflorescent salts due to increased evaporation rates, leading to increased rates of structural cracking and deterioration Change in dwelling characteristics that would differ from the traditional ones Increased risk of fire Increased risk of insect pests damaging building fabric <p>Utility Infrastructure</p> <ul style="list-style-type: none"> Increased demand for complex air conditioning systems that can add stress to the building envelope and often requires significant alterations to a structure (including insulation, routing of extensive ducts and pipes, etc.). (NB. Increased demand for cooling systems increases energy demand and potentially increases CO2 emissions) Inadequacy of current guidelines for rehabilitation of monuments for addressing temperature changes 	<ul style="list-style-type: none"> Decline or local disappearance of some plant or animal species. Increase of different species. Global extinctions Heat stress on culturally significant plant or animal species Changes in the capacity to grow traditional crop varieties/animal husbandry Loss of specimen plantings in designed landscapes, parks and gardens Lower crop yields Increased risk of fires and longer wildfire season Increased stress (e.g. desiccation, warping, cracking, etc.) on constructed landscape features Change of behaviour in using public spaces, parks and gardens, housing and facilities due to heat waves; Change hours of visitation (seasonal shift, daily shift) Increase of A/C equipment on buildings resulting in changed external appearance 	<ul style="list-style-type: none"> Loss of food security leading to increased migration Increased heat leading to decreased agricultural and economic productivity Increased impacts of heat leading to migration to more temperate areas Increased impacts of heat leading to loss of population (death) and weakening of health in remainder Increased stress, loss of population leading to fewer resources to expend on maintaining cultural resources 	<ul style="list-style-type: none"> Culturally relevant species Loss of ecosystem for the support of culturally significant species Potential loss of culturally significant species due to increased disease threat, or loss of local climatic range Changes in prevalence of culturally relevant plant and animal species Cancellation of traditional cultural activities Local knowledge, practices and rituals Inability to engage in traditional practices to store food frozen in Arctic communities (e.g. seal meat, fish) Limited winter hunting from increased winter snows Limited access to hunting areas due to reduced sea ice at high latitudes Loss of traditional harvesting (e.g. traditional fisheries practices in Hawaii due to erosion of traditional structures; Limits to shellfish harvest periods due to neurotoxins linked with increased water temperature) Altered place meaning due to loss of snow pack, significant vegetation such as heritage trees, spatial definition due to loss of tree stands, etc. Impediment to the development or practice of traditions (e.g. wearing traditional costumes, performing dances, etc.) Loss of Arctic and Antarctic ice masses as cultural concepts migration of rural populations to urban areas resulting in lost, altered or forgotten cultural practices



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Utility Infrastructure

- Increased demand for complex air conditioning systems that can add stress to the building envelope and often requires significant alterations to a structure (including insulation, routing of extensive ducts and pipes, etc.). (NB. Increased demand for cooling systems increases energy demand and potentially increases CO2 emissions)
- Inadequacy of current guidelines for rehabilitation of monuments for addressing temperature changes



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BRIEF

NYC picks 9 buildings for 'deep energy retrofits'



Credit: Flickr / Jörg Schubert

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PUBLISHED

Oct. 2, 2019

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Dive Brief:

- The City of New York will start deep energy retrofits on nine city facilities, with the goal to reduce energy usage by at least 50%. Another 28 facilities will be audited for future retrofits.
- The retrofits follow the passage of the Climate Mobilization Act last spring, which set a goal to reduce government operation emissions 50% by 2030.
- Deep energy retrofits require a whole-building approach, including improvements to building insulation, designs to improve natural daylight, upgrading electric fixtures, and automating heating and cooling systems. The nine projects selected by the city will be completed by 2025.

*Deep energy retrofits require a **whole-building approach**, including improvements to building insulation, designs to improve natural daylight, upgrading electric fixtures, and automating heating and cooling systems. The nine projects selected by the city will be completed by 2025.*

<https://www.smartcitiesdive.com/news/nyc-picks-9-buildings-for-deep-energy-retrofits/564152/>



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CURATING
TOMORROW

Museums and the Sustainable Development Goals

A how-to guide for museums, galleries,
the cultural sector and their partners

02

<https://curatingtomorrow236646048.files.wordpress.com/2019/08/museums-and-the-sustainable-development-goals-2019.pdf>



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The seven activities

1. Protect and safeguard the world's cultural and natural heritage, both within museums and more generally
2. Support and provide learning opportunities in support of the SDGs
3. Enable cultural participation for all
4. Support sustainable tourism
5. Enable research in support of the SDGs
6. Direct internal leadership, management and operations towards the SDGs
7. Direct external leadership, collaboration and partnerships towards the SDGs



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HOME

WINNER

Betina Museum for Wooden Shipbuilding, CROATIA

🕒 May 21, 2019 | Education Training and Awareness-Raising | Croatia | Betina

The town of Betina, on the island of Murter, is one of the few places along the Dalmatian Coast where the art of wooden shipbuilding has survived. It is known for its Gajeta, a sleek boat equipped with a lateen sail that has an important role in the daily life of the local community in Betina. In 2011, fearing the disappearance of a practice that has been so central in the culture of Betina for the past 300 years, the local community took action and formed the Betina Gajeta 1740 association. The association's endeavours resulted in the foundation of the Betina Museum for Wooden Shipbuilding in 2015, an institution dedicated to the maritime heritage of the region. **The Municipality of Tisno, the Ministry of Tourism, the Ministry of Regional Development and the Ministry of Culture** have each provided financial support to the Museum.



<https://www.europanostra.org>



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Europa Nostra and the **Global Heritage Fund** (based in San Francisco) are joining forces to **support the communities protecting endangered cultural heritage**, initially in Europe, and eventually around the world. Through this mutually beneficial partnership, these leading heritage organisations will pool their efforts, networks and resources together to develop high-impact projects aimed at protecting cultural heritage and supporting community empowerment.

DAIA

The commune of Daia, located in the heart of the Transylvanian Alps, is representative of the last medieval landscapes left in Europe. Idyllic remnants of a now-forgotten past, its colors and styles reflect the cultural collisions between East and West.

Global Heritage Fund®





The synagogue, Subotica, Serbia



Malmi airport, Helsinki, Finland

7 Most Endangered



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7 Most Endangered



Buzludzha, Bulgaria



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National Library, Minsk, Belarus, 2006



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<https://thespaces.com/bauhaus-bus-hits-the-road-in-dessau/>



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HERITAGE DECLARES

Climate & Ecological Emergency

The conservation of cultural heritage is inextricably linked to activities with a high environmental impact, such as construction and development, building operations, land management, and tourism. At the same time, engagement with the legacy of the past can inspire and deepen our responses to the current crisis.

1. Be a platform for change
2. Shift conservation priorities
3. Build and share the evidence
4. Conserve embodied resources
5. Plan for sustainability
6. Rethink heritage tourism
7. Empower practitioners
8. Protect skills and materials
9. Detoxify conservation practice
10. Pursue ethical finance

<https://www.heritagedeclares.org>

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EUROPEAN HERITAGE STRATEGY FOR THE 21ST CENTURY

THE GOLDEN COLLECTION OF GOOD PRACTICES



cultura**tr**ust



<https://rm.coe.int/european-heritage-strategy-for-the-21st-century-the-golden-collection-/1680966dda>

D2 (D8, S1, S2, S6, S9, S10)

RENEWABLE TRADITIONS: STORIES, SKILLS, ENERGY, PROVENANCE (UNITED KINGDOM)



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WEBSITE

— www.culturatrust.org

ONLINE RESOURCES

— Project Facebook page: [Warwick Bridge Corn Mill Organisation](#); Facebook: [North of England Civic Trust \(about to change to Cultura Trust\)](#); Twitter: [@gb_culturatrust](#)

LOCATION

— UK, Carlisle, Cumbria

THE GOLDEN COLLECTION OF GOOD PRACTICES

RECOMMENDATION D2

Support and promote the heritage sector as a means of creating jobs and business opportunities

Heritage covers a broad range of occupations with a variety of roles and levels of skills and qualifications requiring many different techniques. It creates many cross sectoral jobs, especially related to tourism, trade, research and education, in the public, private and voluntary spheres.

Recommended courses of action for D2

- Support relations between the heritage sector and the bodies in charge of the economy and employment
- Use the heritage sector to promote vocational integration and re-integration
- Facilitate access by very small and small and medium-sized enterprises to public procurement
- Inform the public and tax payers, elected representatives and decision makers about the economic and social impacts of heritage
- Support ministerial heritage departments responsible for research and skill maintenance
- Introduce intersectoral policies enabling heritage to make a contribution to other sectors
- Support the development of cultural heritage with services and work which are based on research and know-how

D2 CHALLENGES

Development challenges

- Building a more inclusive and cohesive society
- Developing Europe's prosperity by drawing on its heritage resources
- Ensuring that Europeans enjoy a high quality of life, in harmony with their cultural and natural environment
- Ensuring that heritage is taken into account in sustainable spatial development strategies and programmes
- Developing the ability of public services to address sustainable spatial development issues by means of better use of heritage
- Preserving and developing the ability of public services to address heritage issues

Societal challenges

- Promoting an inclusive approach to heritage

Knowledge challenges

- Identifying, preserving, transmitting and sharing heritage knowledge and skills
- Guaranteeing a high technical level for all heritage trades and crafts



*For the first time ever, social housing has won the **RIBA Stirling Prize**. The award to Goldsmith Street, the seven terraces of homes designed by Mikhail Riches with Cathy Hawley for Norwich City Council, marks **a significant moment in the history of the prize**. It hints at **a shift in values in the profession away from spectacle and towards social good and environmental performance.***



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Sneška Quaedvlieg-Mihailović @SneskaEN · 2h
 Brussels: @ChristophidouEU, EC DG for #Education & #Culture opens first meeting of #CulturalHeritage Expert Group, first ever expert group which @EU_Commission set up in the field of Culture! Great way to contribute to a lasting legacy of #EYCH2019 with @vonderleyen's entire Team



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15-16 October, Brussels: first ever Cultural Heritage Forum, bringing together experts from across Europe to discuss the future of EU action on heritage.





Europa Nostra European Cultural Heritage Summit, 27-30 October, Paris
<https://www.europanostra.org/paris-hosts-european-cultural-heritage-summit/>



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Eluid Kipchoge, Wien, 12 October 2019



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