

FORMAT		
1. Name of resource	Heritage for Global Challenges: a research report by PRAXIS: Arts and Humanities for Global Challenges	
2. Location	<a href="https://changingthestory.leeds.ac.uk/wp-content/uploads/sites/110/2021/02/Heritage-for-Global-Challenges-Report-2021.pdf">https://changingthestory.leeds.ac.uk/wp-content/uploads/sites/110/2021/02/Heritage-for-Global-Challenges-Report-2021.pdf</a>	
3. Alternative location		
4. Author[s]	F. Gililberto	
5. Publisher/producer/host	PRAXIS, University of Leeds	
6. Year	2021	
7. Suggested citation	Gililberto, F. (2021). Heritage for Global Challenges: a research report by Praxis: Arts and Humanities for Global Challenges. PRAXIS, University of Leeds, available at ARUP (2019). You've Declared a Climate Emergency: What Next? Guidance for Local Authorities. ARUP, available at <a href="https://changingthestory.leeds.ac.uk/wp-content/uploads/sites/110/2021/02/Heritage-for-Global-Challenges-Report-2021.pdf">https://changingthestory.leeds.ac.uk/wp-content/uploads/sites/110/2021/02/Heritage-for-Global-Challenges-Report-2021.pdf</a>	
8. Languages in which available	English	
9. Geographic area resource relates to	Global	
10. Does the resource relate to a specific time frame?	2021-30	
11. Type	Report	Yes
	Toolkit/Framework/Roadmap	
	Sign-post to other resource (database)	
	Case studies	Yes
	Other	
12. If this is part of an initiative, what is the initiative?		
COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS		
13. Explicit links to collections	Yes	
14. Explicit links to museums/libraries/archives	Yes	
15. Types of institutions the resource covers	Museums	X
	Archives	X
	Libraries	X
	Other	X

16. Does the resource relate to specific disciplines?	Arts, humanities and social sciences: philosophy, psychology, religion, social sciences, law, politics, language, arts and recreation, architecture, literature, history, geography and ethnology, anthropology, archaeology	X
	Science, natural history, technology, medicine, engineering, manufacturing	X
17. If no explicit links to collections, justification for inclusion		
<b>HOW IT CONTRIBUTES TO SUSTAINABLE DEVELOPMENT</b>		
<b>18. Collections-related activities the resource relates to (mark all that apply)</b>		
<b>Develop collections to protect and safeguard wider cultural and natural heritage more effectively</b> , for example by targeting collecting to threatened forms of heritage in strategic ways		
<b>Use collections to promote learning and educational opportunities that contribute to sustainable development more effectively</b> , for example education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development and/or skills development relating to collections		
<b>Use collections to promote cultural participation/social inclusion more effectively</b> , for example by reducing barriers to participation, to ensure no-one is 'left behind'		
<b>Use collections to promote sustainable tourism more effectively</b> , for example by developing new products based on local cultural heritage, and/or considering the rights of stakeholder groups in relation to collections		
<b>Use collections to support research that contributes to sustainable development</b> (including all forms of personal and self-directed research at all levels that make use of stored collections) more effectively, for example by providing effective facilities, collections and information to meet researchers' needs	X	
<b>Make decisions around collections that contribute to sustainable development more effectively</b>		
i. employment (recruiting, staff training, staff safety)		
ii. energy consumption, greenhouse gas emissions, reduction, monitoring and reporting		
iii. waste management and reduction of waste		

iv.	transport (forms of transport, energy use)	
v.	commercial activities including copyright and IP	
vi.	governance and management	
vii.	security, disaster preparedness and risk reduction	
<b>Direct external leadership, partnerships and collaborations towards sustainable development more effectively</b> , for example by developing impactful partnerships		X
<b>19. Does the resource relate clearly to any international conventions (mark all that apply)?</b>		
Culture conventions:		
1952, 71	Protection of Copyright and Neighbouring Rights	X
1954	Protection of Cultural Property in the Event of Armed Conflict	
1970	Fighting Against the Illicit Trafficking of Cultural Property	
1972	Protection of the World Cultural and Natural Heritage	X
2001	Protection of the Underwater Cultural Heritage	X
2003	Safeguarding of the Intangible Cultural Heritage	X
2005	Protection and Promotion of the Diversity of Cultural Expressions	X
Rio Conventions:		
Convention on Biological Diversity (CBD), Convention to Combat Desertification (UNCCD), Framework Convention on Climate Change (UNFCCC)		X
<b>AIMS AND CONTENT</b>		
<b>20. What issues does the resource aim to address?</b>	<p><b>“The report provides a deep dive into AHRC’s portfolio of nearly 100 heritage-based Global Challenges Research Fund (GCRF) and Newton Fund projects, providing analysis of how heritage research has, through a range of approaches and through increasing collaboration between researchers across high and low income contexts, addressed complex development challenges in areas including, among others, poverty alleviation, disaster response and resilience, adaptation to climate change, gender equality, and balancing heritage conservation and development.” (p.2)</b></p> <p><b>“The 17 Sustainable Development Goals (SDGs) and 169 targets proposed in the 2030 Agenda do not fully capture the central role of heritage in achieving a holistic, human rights-based, environmentally sustainable, and inclusive development. This report aims to address this gap but also to demonstrate the relevance of research to exploit the full potential of tangible and intangible heritage to tackle global challenges and to foster sustainable development.” (p.14)</b></p>	
<b>21. Intended audience of resource</b>	“a wide audience of stakeholders, including UK and overseas academics and practitioners, funding bodies,	

	governments and decision-makers, development agencies, and NGOs.” (p.16)
22. Process of development	“The report’s mixed method analysis involved a desk-assessment of project data available on the UK Research and Innovation (UKRI) Gateway for Research, interviews with more than thirty principal investigators, co-investigators, and partners. A number of ‘Learning Events’ (see Annex 6 and Annex 7, and a major conference: entitled ‘Heritage for Global Challenges’ (24–26th February 2020, West Bek’aa, Lebanon, see Annex 8), also contributes to this report. In bringing together researchers, film makers, policymakers, and funders, the conference provided opportunity for these stakeholders to discuss the role of heritage in addressing 15 16 the SDGs from a variety of perspectives and to collaboratively define a future research agenda” (p.14-15).
23. Organisation/structure/contents	<ul style="list-style-type: none"> <li>• Executive summary</li> <li>• Introduction</li> <li>• Chapter 1. Heritage Research, Global Challenges, and Sustainable Development: A Thematic Analysis</li> <li>• Chapter 2. Challenge-led Research Case Studies</li> <li>• Chapter 3. Successful Practices and Lessons Learnt</li> <li>• The Way Forward</li> <li>• References</li> <li>• Annexes</li> </ul>
<b>FRAMEWORKS</b>	
24. Framework structure	
25. Relevant policy considerations	Yes
26. Resources for implementation identified	No
27. Specific assessment points/indicators/milestones/action plan for monitoring	No
<b>28. ASPECTS OF SUSTAINABILITY COVERED BY RESOURCE (mark all that apply)</b>	
People (social sustainability)	X
Planet (environmental sustainability)	X
Prosperity (economic sustainability)	X
Peace	X
Partnerships	X

29. CROSS-CUTTING CONSIDERATIONS COVERED BY RESOURCE (mark all that apply)	
Gender perspectives	X
North and South perspectives	X
HOW THE RESOURCE CONTRIBUTES TO AGENDA 2030 AND THE SDGs	
HOW AGENDA 2030 AND THE SDGs FEATURE IN THE RESOURCE	
30. SDGs and Agenda 2030 specifically mentioned?	Yes
31. SDGs specifically mentioned?	Yes
32. SDG targets specifically mentioned?	Yes
33. SDG indicators specifically mentioned?	No
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	<p>The resource analyses case studies in relation to heritage research and 12 sustainable development challenges (referred to as 'thematic clusters'):</p> <ol style="list-style-type: none"> <li>1. Inclusive and sustainable cities (relating them to SDGs 6.B, 10.B, 11.3, 11.4, 11.6, 11.A and 11.B)</li> <li>2. Digitalisation, innovation and technology (relating them to SDGs 5.B, 9.B and 10.B)</li> <li>3. Poverty alleviation and sustainable socio-economic development (relating them to SDGs 1.1, 1.A, 4.4, 8.3, 8.7, 8.9, 10.B and 14.7)</li> <li>4. Food security and sustainable agriculture (relating them to SDGs 2.2 and 10.B)</li> <li>5. Global health and well-being (relating them to 2.4, 3.4, 3.D, 6.A and 10.B)</li> <li>6. Sustainable management of landscapes, ecosystems and biodiversity (relating them to 2.5, 6.6, 7.A, 10.B, 11.4, 12.8, 12.B, 14.2 and 15.1, 15.4, 15.5 and 15.9)</li> <li>7. Adaptation to climate and environmental change (relating them to 2.4, 10.B, 13.1, 13.3, 13.B and 15.3)</li> <li>8. Disaster response and resilience (relating them to 1.5, 10.B, 11.4, 11.B and 13.1)</li> <li>9. Human rights, inequality reduction and minorities' inclusion (10.2, 10.3, 10.6, 10.B, 16.7 and 16.B)</li> <li>10. Gender equality (5.1, 5.2, 5.5, 5.B, 5.C, 10.2, 10.B)</li> <li>11. Inclusive, equitable and quality education (4.3, 4.5, 4.7, 4.B, 4.C, 10.B)</li> <li>12. Balancing heritage, conservation and development (6.B, 8.9, 9.A, 10.B, 11.4)</li> <li>13. Partnerships for the SDGs were cross-cutting across all</li> </ol>

	12 topic areas, supporting SDGs 17.2, 17.6, 17.9, 17.16 and 17.17
<b>35. SDGs and SDG targets the resource helps advance</b>	
<b>SDG 1: End poverty in all its forms everywhere</b> 1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day	<p>Number of educational programmes that explore poverty as a multidimensional and complex issue, and that empower people to act to address extreme poverty.</p> <p>Number of educational programmes that are targeted towards people living in extreme poverty.</p> <p>Proactive steps taken to ensure that all people, including those living in extreme poverty, can access services.</p> <p>Promotion of poverty-reducing programmes, locally and worldwide, focussed on those in extreme poverty.</p> <p>Proactive support for economically disadvantaged and marginalized people in supply chains.</p> <p>Pro-poor decisions incorporated into all forms of operations, including financial decisions.</p> <p>Transparency in reporting on the supply chain, incorporating actions to address extreme poverty locally and worldwide.</p>
<b>SDG 1: End poverty in all its forms everywhere</b> 1.5 By 2030, build resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters.	<p>Number of collecting programmes that aim to build resilience to climate-related events and other shocks and disasters, for example by forming collections that can contribute to related educational and research programmes.</p> <p>Number of educational programmes drawing on collections that incorporate resilience perspectives.</p> <p>Number of targeted programmes drawing on collections that are aimed at vulnerable groups, to build their resilience to climate-related and other shocks and disasters.</p> <p>Number of research programmes drawing on collections that are aimed at building resilience to climate-related and other shocks and disasters.</p> <p><b><i>Strengthen the resilience of employees, communities and suppliers by paying at a minimum the living wage and offering insurance to employees and their families, such as accident insurance; and by paying fair prices to all suppliers</i></b></p>

<p><b>SDG 1: End poverty in all its forms everywhere</b></p> <p>1.A Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and predictable means for developing countries, in particular least developed countries, to implement programmes and policies to end poverty in all its dimensions</p>	<p>Support for policies and programmes of all kinds to support developing countries to implement programmes and policies to end poverty in all its dimensions.</p>
<p><b>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</b></p> <p>2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons</p>	<p>Number of educational programmes incorporating health and food perspectives.</p> <p>Collections development related to malnutrition and nutrition, where appropriate.</p> <p>Number of targeted educational, awareness-raising and partnership programmes relating to food and nutrition, drawing on collections, aimed at vulnerable and marginalized groups.</p> <p>Number of research activities drawing on collections that relate to nutrition and addressing malnutrition.</p> <p>Number of partnership programmes that directly support ending of malnutrition through provisioning of food and other dietary needs.</p>
<p><b>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</b></p> <p>2.4 By 2030, ensure sustainable food production systems to implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.</p>	<p>Collections development related to sustainable food production where appropriate.</p> <p>Number of educational and awareness-raising programmes incorporating sustainable food production perspectives, and that aim to reduce the impact of disasters on communities.</p> <p>Number of targeted programmes that support those most exposed and vulnerable to disasters, whether locally or farther afield.</p> <p>Number of research activities drawing on collections that relate to resilient agricultural practices, helping mitigate and adapt to climate change, flooding and other disasters.</p> <p>Policies and plans in place to eliminate unsustainable food</p>

	<p>production from supply chains and in any food provision in collections-based institutions.</p> <p>Number of partnership activities drawing on collections that contribute to Disaster Risk Reduction plans, supporting resilient agricultural practices, and helping mitigate and adapt to climate change, flooding and other disasters.</p>
<p><b>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</b></p> <p>2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed</p>	<p>Collections development related to genetic diversity of seeds, cultivated plants, farmed and domesticated animals (notably of local or at-risk varieties) and related wild species, for example in herbaria, museums, seed and gene banks, and seed libraries.</p> <p>Number of educational programmes related to genetic diversity of domesticated plants, animals and wild relatives.</p> <p>Number of educational programmes related to fair and equitable benefits of use of genetic resources and associated traditional knowledge, following international agreements (e.g. Nagoya Protocol).</p> <p>Number of educational and awareness programmes for people to ensure that they are aware of their rights and protections in terms of traditional knowledge, and exploitation of genetic resources.</p> <p>Number of research activities that help understand traditional knowledge, and genetic diversity of crop plants and animals.</p> <p>Ensure that producers of crop plants and animals are fairly compensated.</p> <p>Policies and procedures in place to ensure legal compliance with fair and equitable benefits of use of genetic resources and associated traditional knowledge, following international agreements (e.g. Nagoya Protocol).</p> <p>Number of partnerships at national, regional and international levels, as appropriate, to soundly manage seed and plant banks.</p>
<p><b>SDG 3: Ensure healthy lives and promote well-being for all at all ages</b></p> <p>3.4 By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being</p>	<p>Plans, policies and procedures in place for the safe use of collections, notably in relation to chemical, physical, biological and other forms of hazard.</p> <p>Proportion of users of collections facilities reporting positive well-being during and as a result of activities relating to collections.</p> <p>Number and proportion of programmes relating to collections</p>



	<p>that incorporate wellbeing considerations and perspectives.</p> <p>Number of targeted programmes drawing on collections that address issues relating to non-communicable diseases, supporting prevention and treatment.</p>
<p><b>SDG 3: Ensure healthy lives and promote well-being for all at all ages</b></p> <p>3.D Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks.</p>	<p>Number of collecting initiatives that aim to build capacity for risk reduction to national and global health risks, for example by storing and preserving collections that may be of use in post-disaster scenarios, or that can be used in early warning and risk communication activities.</p> <p>Number of educational programmes incorporating perspectives on early warning, risk reduction and management of national and global health risks.</p> <p>Number of awareness raising programmes that target marginalized and vulnerable groups most exposed to health risks.</p> <p>Plans in place for early warning, risk reduction and management to national and global health risks.</p> <p>Relationships and partnerships in place for risk reduction and management in light of national and global health risks.</p>
<p><b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b></p> <p>4.3 By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university</p>	<p>Number of learning programmes in schools, colleges and universities that make use of collections.</p> <p>Proportion of learning programmes in schools and colleges making use of collections that prioritise disadvantaged areas.</p> <p>Gender balance of students in learning programmes.</p> <p>Number of programmes using collections that aim to encourage people to participate in education in schools, colleges and universities.</p>
<p><b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b></p> <p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship</p>	<p>Number of young people and adults in skills-development activities and programmes drawing on collections, for employment, decent jobs and entrepreneurship</p> <p>Increase in number of young people and adults in such programmes</p> <p>Number and proportion of staff who have received training in the last year, to better support their contribution to the SDGs.</p>

	Programs and processes in place to ensure the availability of a skilled workforce.
<b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b> 4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations	<p>Number of educational and/or training programmes drawing on collections directed to meet the particular needs of persons with disabilities.</p> <p>Number of educational and/or training programmes drawing on collections directed to meet the particular needs of Indigenous peoples' groups.</p> <p>Number of educational and/or training programmes drawing on collections directed to meet the particular needs of children in vulnerable situations.</p>
<b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b> 4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development	<p>Numbers of people in each type of programme drawing on collections from different demographic groups.</p> <p>Increases in numbers of people in each type of programme from different demographic groups.</p> <p>Proportion of people involved in such programmes in relation to overall audience size.</p> <p>Evidence that learners have acquired knowledge and skills to promote sustainable development.</p>
<b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b> 4.B By 2020, substantially expand globally the number of scholarships available to developing countries, in particular least developed countries, small island developing States and African countries, for enrolment in higher education, including	<p>Number of scholarships available to developing countries, for enrolment in programmes that make use of collections and collections-based institutions, in both developing and developed countries.</p>

vocational training and information and communications technology, technical, engineering and scientific programmes, in developed countries and other developing countries	
<b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b> 4.C By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.	Number of trainee teachers supported each year by collections-based institutions, especially those from, or who intend to work in, developing countries.
<b>SDG 5. Achieve gender equality and empower all women and girls</b> 5.1 End all forms of discrimination against all women and girls everywhere.	Number and proportion of programmes taking proactive steps to identify, reduce and remove discriminatory practices and processes relating to collections and collection-based institutions.
<b>SDG 5. Achieve gender equality and empower all women and girls</b> 5.2 Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation	<p>Collections development, to ensure collections can be used as a basis for programmes that aim to raise awareness of, and reduce, all forms of violence against women and girls.</p> <p>Number of educational, awareness-raising and partnership programmes drawing on collections that aim to reduce, prevent and eliminate all forms of violence against women and girls, including trafficking and sexual and other types of exploitation.</p>
<b>SDG 5. Achieve gender equality and empower all women and girls</b> 5.5 Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life	<p>Number and proportion of women included in programmes, partnerships and processes relating to collections and collections-based institutions at</p> <ul style="list-style-type: none"> <li>i. foundation/entry levels</li> <li>ii. intermediate levels</li> <li>iii. senior levels, including management, leadership and decision-making.</li> </ul>

<b>SDG 5. Achieve gender equality and empower all women and girls</b> 5.B Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women	Number of programmes that support ICT skills, notably for girls and women.
<b>SDG 5. Achieve gender equality and empower all women and girls</b> 5.C Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels	Number and proportion of policies relating to collections and collections-based institutions that incorporate gender perspectives to promote gender equality and empowerment of all women and girls at all levels.
<b>SDG 6. Ensure availability and sustainable management of water and sanitation for all</b> 6.6 By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes	<p>Proportion of water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes in a good ecological condition.</p> <p>Information on, programmes relating to, and partnerships relating to water-related ecosystems drawing on collections and collections-based institutions in place, to support protection of these as effective nature-based solutions and ecosystem services.</p>
<b>SDG 6. Ensure availability and sustainable management of water and sanitation for all</b> 6.A By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies	Number and type of programmes of all kinds that support international co-operation and capacity-building support to developing countries in water and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency wastewater treatment, recycling and reuse technologies.
<b>SDG 6. Ensure availability and sustainable management of water and sanitation for all</b> 6.B Support and strengthen the participation of local	<p>Collections development to support sustainable water management and sanitation for all.</p> <p>Number of programmes for local communities directed towards water quality improvement and sanitation</p>

communities in improving water and sanitation management.	management.
<b>SDG 7. Ensure access to affordable, reliable, sustainable and modern energy for all</b> 7.A By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology	<p>Number and type of projects supporting international co-operation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology.</p> <p>Support for investment in energy infrastructure and clean energy technology.</p>
<b>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</b> 8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services	<p>Development-oriented policies in place for the range of activities, or development-oriented considerations are included in other policies.</p> <p>Number of micro-, small- and medium-sized enterprises supported.</p> <p>Number and proportion of formalised arrangements with micro-, small- and medium-sized enterprises.</p> <p>Total value of financial services or financial support provided to micro-, small and medium-sized enterprises.</p>
<b>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</b> 8.7 Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child	<p>Policies and plans in place to ensure that forced labour, modern slavery, human trafficking and child labour are completely eliminated from throughout the supply chain.</p> <p>Number of collections development, educational and awareness-raising, and research programmes and partnerships aimed at eradicating forced labour, modern slavery and human trafficking.</p>

labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms	
<b>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</b> 8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products	<p>Numbers of jobs created or supported that relate to sustainable tourism drawing on local products (e.g. craft producers).</p> <p>Develop and implement plans to reduce and remove negative impacts of tourism.</p> <p>Numbers of activities and/or products drawing on local culture.</p> <p>Value to artisans and source communities of activities and products drawing on local culture.</p>
<b>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</b> 9.A Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States.	<p>Plans in place to support development of sustainable and resilient infrastructure in developing countries through financial, technological and technical support, for example through:</p> <ul style="list-style-type: none"> <li>i. joint projects,</li> <li>ii. funding bids,</li> <li>iii. sharing equipment, collections and collections information as appropriate,</li> <li>iv. in order to support development of high-quality infrastructures for sustainable development, research and innovation.</li> </ul>
<b>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</b> 9.B Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities	<p>Support for domestic technology development, research and innovation in developing countries, through e.g. supporting effective policies, and development of services and products, through knowledge-sharing, research and partnerships.</p>
<b>SDG 10. Reduce inequality within and between countries</b>	<p>Collections development to ensure that collections effectively</p>

<p>10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status</p>	<p>meet the needs of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status.</p> <p>Numbers and proportions of people making use of collections in relation to the demographic of the local population.</p> <p>Numbers and proportions of people involved in focused programmes aimed at promoting social, economic and political inclusion.</p> <p>Numbers and proportions of people from different demographic groups involved in decision-making processes relating to collections and collections-based institutions.</p> <p>Number and types of partnerships that build relationships with marginalized groups, individuals and communities.</p>
<p><b>SDG 10. Reduce inequality within and between countries</b></p> <p>10.3 Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard</p>	<p>Identification of discriminatory policies and practices, with clear plans to address these, to ensure equal opportunity for all and reduce inequalities of outcome.</p>
<p><b>SDG 10. Reduce inequality within and between countries</b></p> <p>10.6 Ensure enhanced representation and voice for developing countries in decision-making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions</p>	<p>Inclusion of developing countries in decision-making on economic and financial matters.</p>
<p><b>SDG 10. Reduce inequality within and between countries</b></p> <p>10.B Encourage official development assistance and financial flows, including foreign direct investment, to States where the need is greatest, in particular least</p>	<p>Amount of financial assistance and investment to least developed countries, African countries, small island developing States and landlocked developing countries.</p>

developed countries, African countries, small island developing States and landlocked developing countries, in accordance with their national plans and programmes	
<b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b> 11.3 By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries	<p><b><i>11.3.2 Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically</i></b></p> <p>Plans in place for collections-based institutions to facilitate the incorporation of communities' views into local planning and town management processes in a regular way.</p> <p>Plans in place for collections-based institutions to facilitate the incorporation of minorities' views into local planning and town management processes in a regular way.</p>
<b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b> 11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage	<p><b><i>11.4.1 Total expenditure (public and private) per capita spent on the preservation, protection and conservation of all cultural and natural heritage, by type of heritage</i></b></p> <p>Plans, policies and procedures in place for the safe use of collections for a variety of purposes, protecting and safeguarding both collections and those who use them.</p> <p>Plans, policies and procedures in place for the identification, safeguarding and protection of cultural and natural heritage at risk.</p> <p>Collecting programmes in place to protect, safeguard and make use of cultural and natural heritage, addressing the needs of communities and stakeholders, and ensuring that collections can be an effective resource for sustainable development.</p> <p>Number and diversity of educational, awareness-raising, research programmes, and partnerships that aim to strengthen protection of cultural and natural heritage.</p>
<b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b>	Plans in place to reduce negative impacts on air quality, and volume and forms of waste.



<p>11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management</p>	<p>Plans in place to eliminate waste of all forms as soon as possible.</p>
<p><b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b> 11.A Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning</p>	<p>Considerations of regional economic, social and environmental trends and risks incorporated into collecting institutions' planning.</p> <p>Participation in local and regional planning, to foster access to services, cultural participation, prevent exclusion, and support equitable urbanisation.</p> <p>Ensure data collection and metrics can be useful for planning in conjunction with other sectors and between urban and rural areas.</p> <p>Number of outreach and other activities that promote awareness and accessibility of collecting institutions in urban and rural areas, and that promote awareness of regional development plans and risks, with opportunities for people and communities to input into such plans.</p>
<p><b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b> 11.B By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels</p>	<p><b><i>11.B.1 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030a</i></b></p> <p>Disaster Risk Reduction strategies and plans in place, in line with the Sendai Framework for Disaster Risk Reduction, to ensure collecting institutions and collections are factored into planning, and contribute effectively to Disaster Risk Reduction.</p>

<p><b>SDG 12 Ensure sustainable consumption and production patterns</b> 12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature</p>	<p><b>12.8.1 Extent to which (i) global citizenship education and (ii) education for sustainable development (including climate change education) are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment</b></p> <p>Extent to which global citizenship education and education for sustainable development (including climate change education) are mainstreamed in formal, informal and non-formal education programmes and activities drawing on and related to collections.</p>
<p><b>SDG 12 Ensure sustainable consumption and production patterns</b> 12.B Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products</p>	<p>Quantitative and qualitative metrics identified, collected and reported for evaluating performance of tourism in terms of social, environmental and economic benefits and impacts for:</p> <ul style="list-style-type: none"> <li>-jobs</li> <li>-promotion of local culture</li> <li>-local and related products</li> <li>-positive social and environmental benefits</li> <li>-reduction of negative impacts of tourism, e.g. climate impacts, negative social and environmental impacts.</li> </ul>
<p><b>SDG 13. Take urgent action to combat climate change and its impacts</b> 13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries</p>	<p>Plans in place for near and longer term to withstand and actively adapt to climate-related hazards and natural disasters.</p>
<p><b>SDG 13. Take urgent action to combat climate change and its impacts</b> 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning</p>	<p>Plans in place to enhance positive contributions to addressing climate change through use of collections. Plans in place to ensure collections, collections institutions and broader society can adapt effectively to climate change.</p> <p>Plans in place for effective education and awareness raising on climate change mitigation, adaptation, impact reduction and early warning.</p> <p>Plans in place to reduce negative contributions of collections-related functions, e.g. measuring greenhouse emissions with plans and targets in place to reduce them.</p>
<p><b>SDG 13. Take urgent action to combat climate change and its impacts</b> 13.B Promote mechanisms for raising capacity for effective climate change-related planning and management in</p>	<p>Number of initiatives (educational, awareness-raising, research, and/or partnerships) drawing on collections and collections-based institutions that build capacity for climate change planning and management in least developed countries and small island developing States.</p>

least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities.	Number of targeted initiatives drawing on collections and collections-based institutions aimed at building capacity for women, youth and local and marginalized communities in least developed countries and small island developing States.
<b>SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development</b> 14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans	Proportion of marine and coastal areas in a good ecological condition  Numbers of educational and awareness-raising programmes, research activities, and partnerships drawing on collections aiming to support protection of marine and coastal areas.
<b>SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development</b> 14.7 By 2030, increase the economic benefits to Small Island developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism	Number of activities that support sustainable tourism relating to Small Island developing States.
<b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b> 15.1 By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements	Proportion of terrestrial and inland freshwater systems in a good ecological condition.  Information on, programmes relating to, collections development, and partnerships relating to terrestrial and freshwater systems drawing on collections in place, to support their protection and effective functioning.
<b>SDG 15 Protect, restore and promote sustainable use of</b>	Proportion of soils and land area in a good ecological condition,

<p><b>terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b></p> <p>15.3 By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world</p>	<p>with reference to desertification, drought and floods.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to soils and land use (with reference to desertification, drought and floods) drawing on collections in place, to support their protection and effective functioning.</p>
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b></p> <p>15.4 By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development</p>	<p>Proportion of mountain ecosystems, including their biodiversity, in a good ecological condition.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to mountain ecosystems and their biodiversity drawing on collections in place, to support their protection and effective functioning.</p>
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b></p> <p>15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species.</p>	<p>Number and proportion of habitats, notably endangered habitats, and species with favourable conservation status, with special reference to locally, nationally and globally endangered species.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to habitats and species drawing on collections in place, to support their protection and continued existence.</p> <p>Measures taken to enhance biodiversity value of green space associated with collections institutions.</p>
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests,</b></p>	<p>Proportion and number of relevant plans, processes and strategies that incorporate ecosystem and biodiversity values, and their relationships with effective collections.</p>

<b>combat desertification, and halt and reverse land degradation and halt biodiversity loss</b> 15.9 By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts	Plans in place to ensure that development of collections facilities contributes to effective conservation and restoration of terrestrial ecosystems.
<b>SDG 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.</b> 16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels	<p><b><i>16.7.1 Proportions of positions (by sex, age, persons with disabilities and population groups) in public institutions (national and local legislatures, public service, and judiciary) compared to national distributions</i></b></p> <p><b><i>16.7.2 Proportion of population [audience/users/non-users] who believe decision-making is inclusive and responsive, by sex, age, disability and population group</i></b></p> <p>Decision-making addresses societal, environmental and economic challenges related to the community, considering short-term and long-term risks and opportunities.</p> <p>Decision-making draws on diverse backgrounds, viewpoints and interests, reflecting a broad base of stakeholders, and working to promote inclusion and provide effective services for all of society.</p>
<b>SDG 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.</b> 16.B Promote and enforce non-discriminatory laws and policies for sustainable development	<p><b><i>16.B.1 Proportion of population [audience/users/non-users] reporting having personally felt discriminated against or harassed in the previous 12 months on the basis of a ground of discrimination prohibited under international human rights law</i></b></p> <p>Number and proportion of policies that incorporate sustainable development considerations, in the full sense of recognizing all three of social, economic and environmental considerations.</p>
<b>SDG 17. Partnerships for the goals</b> 17.2 Developed countries to implement fully their official development assistance commitments, including the commitment by many developed countries to achieve the target of 0.7 per cent of	Fulfilment of official development assistance commitments from developed countries.

gross national income for official development assistance (ODA/GNI) to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries; ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries	
<b>SDG 17. Partnerships for the goals</b> 17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge-sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism	Number and diversity of North-South, South-South and triangular co-operations and projects to support access to science, technology and innovation and enhance knowledge-sharing on mutually agreed terms.
<b>SDG 17. Partnerships for the goals</b> 17.9 Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the Sustainable Development Goals, including through North-South, South-South and triangular cooperation	Number and diversity of international capacity-building activities to aid implementation of each and all of the SDGs.  Number and diversity of North-South, South-South, and/or triangular co-operations and partnerships to aid implementation of each and all of the SDGs.
<b>SDG 17. Partnerships for the goals</b> 17.16 Enhance the global partnership for sustainable development, complemented by multi-stakeholder	Number and/or increase in number, and diversity of global and international multi-stakeholder partnerships that share collection-related knowledge, expertise, technology and financial resources to address the SDGs, or that otherwise involve collections-based organisations and institutions.

partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries		Number and/or increase in number, and diversity of global and international multi-stakeholder partnerships involving developing countries that share collection-related knowledge, expertise, technology and financial resources to address the SDGs.			
<b>SDG 17. Partnerships for the goals</b> 17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships		<b>17.17.1 Amount of United States dollars committed to public-private and civil society partnerships</b>  Number and/or increase in number, and diversity of local, national and regional multi-stakeholder (public, public-private and civil society) partnerships that address the SDGs drawing on collections, or that otherwise involve collections-based organisations and institutions.			
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	