

FORMAT		
1. Name of resource	Sendai Framework for Disaster Risk Reduction	
2. Location	https://www.undrr.org/implementing-sendai-framework/what-sf	
3. Alternative location		
4. Author[s]	UNISDR (United Nations Office for Disaster Risk Reduction)	
5. Publisher/producer/host	UNISDR	
6. Year	2015	
7. Suggested citation		
8. Languages in which available	English, Arabic, Chinese, French, Russian, Spanish	
9. Geographic area resource relates to	Global	
10. Does the resource relate to a specific time frame?	2015-30	
11. Type	Report	Yes
	Toolkit/Framework/Roadmap	Yes
	Sign-post to other resource (database)	
	Case studies	
	Other	Yes
12. If this is part of an initiative, what is the initiative?	<p>The Sendai Framework for Disaster Risk Reduction is part of the post 2015 development agenda, along with Agenda 2030 and the Sustainable Development Goals. It is an overarching development strategy, and so is explored here at some length.</p> <p>The Sendai Framework, background information, and other resources are available at Preventionweb, run by the UN Office for Disaster Risk Reduction (www.preventionweb.net).</p> <p>See also 'Implementing the Sendai Framework to Achieve the Sustainable Development Goals' (https://www.unisdr.org/files/50438_implementingthesendaiframeworktoach.pdf). The links between the SDGs and the Sendai Framework quoted below come from this document.</p> <p>A chart of the Sendai Framework is available at https://www.preventionweb.net/files/44983_sendaiframeworkchart.pdf, and a simplified chart is available at https://www.preventionweb.net/files/44983_sendaiframeworksimplifiedchart.pdf.</p>	

	<p>A series of short introductory films on the Sendai Framework and the 4 priorities is available at https://www.youtube.com/channel/UCUw0G3AdE_0EDhcDPIJtJyA.</p> <p>Preventionweb (run by the UN Office for Disaster Risk Reduction) includes an overview of the links between the Sendai Framework and the SDGs, including a reflection paper; they can be found here: https://www.preventionweb.net/sendai-framework/sdg/target</p>	
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		
HOW IT CONTRIBUTES TO SUSTAINABLE DEVELOPMENT		
18. Collections-related activities the resource relates to (mark all that apply)		
Develop collections to protect and safeguard wider cultural and natural heritage more effectively, for example by targeting collecting to threatened forms of heritage in strategic ways		X
Use collections to promote learning and educational opportunities that contribute to sustainable development more effectively, for example education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global		X

citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development and/or skills development relating to collections		
Use collections to promote cultural participation/social inclusion more effectively , for example by reducing barriers to participation, to ensure no-one is 'left behind'		
Use collections to promote sustainable tourism more effectively , for example by developing new products based on local cultural heritage, and/or considering the rights of stakeholder groups in relation to collections		
Use collections to support research that contributes to sustainable development (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
Make decisions around collections that contribute to sustainable development more effectively		
i.	employment (recruiting, staff training, staff safety)	X
ii.	energy consumption, greenhouse gas emissions, reduction, monitoring and reporting	X
iii.	waste management and reduction of waste	X
iv.	transport (forms of transport, energy use)	
v.	commercial activities including copyright and IP	
vi.	governance and management	X
vii.	security, disaster preparedness and risk reduction	X
Direct external leadership, partnerships and collaborations towards sustainable development more effectively , for example by developing impactful partnerships		X
19. Does the resource relate clearly to any international conventions (mark all that apply)?		
Culture conventions:		
1952, 71 Protection of Copyright and Neighbouring Rights		
1954 Protection of Cultural Property in the Event of Armed Conflict		X
1970 Fighting Against the Illicit Trafficking of Cultural Property		X
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
AIMS AND CONTENT		
20. What issues does the resource aim to	"It is urgent and critical to anticipate, plan for and reduce disaster risk in order to more effectively protect persons,	

<p>address?</p>	<p>communities and countries, their livelihoods, health, cultural heritage, socioeconomic assets and ecosystems, and thus strengthen their resilience.” (p.9)</p> <p>“Against this background, and in order to reduce disaster risk, there is a need to address existing challenges and prepare for future ones by focusing on monitoring, assessing and understanding disaster risk and sharing such information and on how it is created; strengthening disaster risk governance and coordination across relevant institutions and sectors and the full and meaningful participation of relevant stakeholders at appropriate levels; investing in the economic, social, health, cultural and educational resilience of persons, communities and countries and the environment, as well as through technology and research; and enhancing multi-hazard early warning systems, preparedness, response, recovery, rehabilitation and reconstruction. To complement national action and capacity, there is a need to enhance international cooperation between developed and developing countries and between States and international organizations.” (p.11)</p> <p>The Sendai Framework seeks to achieve the following outcome: “Prevent new and reduce existing disaster risk through the implementation of integrated and inclusive economic, structural, legal, social, health, cultural, educational, environmental, technological, political and institutional measures that prevent and reduce hazard exposure and vulnerability to disaster, increase preparedness for response and recovery, and thus strengthen resilience.” In order to achieve “The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries.” (p.12)</p>
<p>21. Intended audience of resource</p>	<p>“The present Framework will apply to the risk of small-scale and large-scale, frequent and infrequent, sudden and slow-onset disasters caused by natural or man-made hazards, as well as related environmental, technological and biological hazards and risks. It aims to guide the multihazard management of disaster risk in development at all levels as well as within and across all sectors.”</p>
<p>22. Process of development</p>	<p>“The Sendai Framework for Disaster Risk Reduction 2015–2030 was adopted at the Third United Nations World Conference on Disaster Risk Reduction, held from 14 to 18</p>

	<p>March 2015 in Sendai, Miyagi, Japan, which represented a unique opportunity for countries:</p> <p>(a) To adopt a concise, focused, forward-looking and action-oriented post 2015 framework for disaster risk reduction;</p> <p>(b) To complete the assessment and review of the implementation of the Hyogo Framework for Action 2005–2015: Building the Resilience of Nations and Communities to Disasters;</p> <p>(c) To consider the experience gained through the regional and national strategies/ institutions and plans for disaster risk reduction and their recommendations, as well as relevant regional agreements for the implementation of the Hyogo Framework for Action;</p> <p>(d) To identify modalities of cooperation based on commitments to implement a post 2015 framework for disaster risk reduction;</p> <p>(e) To determine modalities for the periodic review of the implementation of a post 2015 framework for disaster risk reduction.</p> <p>2. During the World Conference, States also reiterated their commitment to address disaster risk reduction and the building of resilience to disasters with a renewed sense of urgency within the context of sustainable development and poverty eradication, and to integrate, as appropriate, both disaster risk reduction and the building of resilience into policies, plans, programmes and budgets at all levels and to consider both within relevant frameworks.” (p.9)</p>
<p>23. Organisation/structure/contents</p>	<p>Expected outcome and goal</p> <p>Guiding principles</p> <p>Priorities for action (1-4, described below)</p> <p>Role of stakeholders</p> <p>International co-operation and global partnership</p>
<p>FRAMEWORKS</p>	
<p>24. Framework structure</p>	<p>“To support the assessment of global progress in achieving the outcome and goal of the present Framework, seven global targets have been agreed. These targets will be measured at the global level and will be complemented by work to develop appropriate indicators. National targets and indicators will contribute to the achievement of the outcome and goal of the present Framework. The seven global targets are:</p> <p>(a) Substantially reduce global disaster mortality by 2030, aiming to lower the average per 100,000 global mortality rate in the decade 2020–2030 compared to the period 2005– 2015;</p> <p>(b) Substantially reduce the number of affected people</p>

globally by 2030, aiming to lower the average global figure per 100,000 in the decade 2020–2030 compared to the period 2005–2015;

(c) Reduce direct disaster economic loss in relation to global gross domestic product (GDP) by 2030;

(d) Substantially reduce disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities, including through developing their resilience by 2030;

(e) Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020;

(f) Substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of the present Framework by 2030;

(g) Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to people by 2030.”

The Sendai Framework has four Priority Areas. In the Framework, each is broken down in further detail, in terms of required activity and key considerations, at local/national level, and at regional/global levels.

Priority 1: Understanding disaster risk.

Policies and practices for disaster risk management should be based on an understanding of disaster risk in all its dimensions of vulnerability, capacity, exposure of persons and assets, hazard characteristics and the environment. Such knowledge can be leveraged for the purpose of pre-disaster risk assessment, for prevention and mitigation and for the development and implementation of appropriate preparedness and effective response to disasters.

Priority 2: Strengthening disaster risk governance to manage disaster risk.

Disaster risk governance at the national, regional and global levels is of great importance for an effective and efficient management of disaster risk. Clear vision, plans, competence, guidance and coordination within and across sectors, as well as participation of relevant stakeholders, are needed. Strengthening disaster risk governance for prevention, mitigation, preparedness, response, recovery and rehabilitation is therefore necessary and fosters collaboration and partnership across mechanisms and institutions for the implementation of instruments relevant to disaster risk reduction and sustainable development.

Priority 3: Investing in disaster risk reduction for

resilience.

Public and private investment in disaster risk prevention and reduction through structural and non-structural measures are essential to enhance the economic, social, health and cultural resilience of persons, communities, countries and their assets, as well as the environment. These can be drivers of innovation, growth and job creation. Such measures are cost-effective and instrumental to save lives, prevent and reduce losses and ensure effective recovery and rehabilitation.

Priority 4: Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction.

The steady growth of disaster risk, including the increase of people and assets exposure, combined with the lessons learned from past disasters, indicates the need to further strengthen disaster preparedness for response, take action in anticipation of events, integrate disaster risk reduction in response preparedness and ensure that capacities are in place for effective response and recovery at all levels. Empowering women and persons with disabilities to publicly lead and promote gender equitable and universally accessible response, recovery, rehabilitation and reconstruction approaches is key. Disasters have demonstrated that the recovery, rehabilitation and reconstruction phase, which needs to be prepared ahead of a disaster, is a critical opportunity to “Build Back Better”, including through integrating disaster risk reduction into development measures, making nations and communities resilient to disasters.

The Sendai Framework is based on 13 Guiding Principles, some of which are strongly linked to collections-based institutions:

1. Primary responsibility of States to prevent and reduce disaster risk, including through cooperation
2. Shared responsibility between central Government and national authorities, sectors and stakeholders as appropriate to national circumstances
3. Protection of persons and their assets while promoting and protecting all human rights including the right to development
4. Engagement from all of society
5. Full engagement of all State institutions of an executive and legislative nature at national and local levels
6. Empowerment of local authorities and communities through resources, incentives and decisionmaking

- responsibilities as appropriate
7. Decision-making to be inclusive and risk-informed while using a multi-hazard approach
 8. Coherence of disaster risk reduction and sustainable development policies, plans, practices and mechanisms, across different sectors
 9. Accounting of local and specific characteristics of disaster risks when determining measures to reduce risk
 10. Addressing underlying risk factors cost-effectively through investment versus relying primarily on postdisaster response and recovery
 11. «Build Back Better» for preventing the creation of, and reducing existing, disaster risk
 12. The quality of global partnership and international cooperation to be effective, meaningful and strong
 13. Support from developed countries and partners to developing countries to be tailored according to needs and priorities as identified by them

Some elements within the four Priority areas are strongly linked to collections-based institutions; these are singled out below, but readers should refer to the Sendai Framework itself to identify additional sections of relevance to their context. Section V is reproduced in full as collections-based institutions, notably public/public-funded/publicly-accessible collections-based institutions, can play a key role as a sector/sectors:

Priority 1 is focused on understanding disaster risk, including public education and awareness, and specifying cultural heritage, for example:

24c. “To develop, periodically update and disseminate, as appropriate, location-based disaster risk information, including risk maps, to decision makers, the general public and communities at risk of exposure to disaster in an appropriate format by using, as applicable, geospatial information technology”

24d. “To systematically evaluate, record, share and publicly account for disaster losses and understand the economic, social, health, education, environmental and cultural heritage impacts, as appropriate, in the context of event-specific hazard-exposure and vulnerability information”

24i. “To ensure the use of traditional, indigenous and local knowledge and practices, as appropriate, to complement scientific knowledge in disaster risk assessment and the development and implementation of policies, strategies,

plans and programmes of specific sectors, with a cross-sectoral approach, which should be tailored to localities and to the context”

24l. “To promote the incorporation of disaster risk knowledge, including disaster prevention, mitigation, preparedness, response, recovery and rehabilitation, in formal and non-formal education, as well as in civic education at all levels, as well as in professional education and training”

24m. “To promote national strategies to strengthen public education and awareness in disaster risk reduction, including disaster risk information and knowledge, through campaigns, social media and community mobilization, taking into account specific audiences and their needs”

24o. “To enhance collaboration among people at the local level to disseminate disaster risk information through the involvement of community-based organizations and nongovernmental organizations.”

25f. “To develop effective global and regional campaigns as instruments for public awareness and education, building on the existing ones...”

Priority 2 is focused on disaster risk governance for effective partnerships to facilitate disaster risk reduction, response and recovery from disasters.

27a. “To mainstream and integrate disaster risk reduction within and across all sectors... (iii) enhancing relevant mechanisms and initiatives for disaster risk transparency, which may include financial incentives, public awareness-raising and training initiatives, reporting requirements and legal and administrative measures; and (iv) putting in place coordination and organizational structures”

27b. “To adopt and implement national and local disaster risk reduction strategies and plans, across different timescales, with targets, indicators and time frames, aimed at preventing the creation of risk, the reduction of existing risk and the strengthening of economic, social, health and environmental resilience”

27h. “To empower local authorities, as appropriate, through regulatory and financial means to work and coordinate with civil society, communities and indigenous

peoples and migrants in disaster risk management at the local level”

Priority 3 is focused on financing, including all forms of resourcing, to facilitate Disaster Risk Reduction:

30a. “To allocate the necessary resources, including finance and logistics, as appropriate, at all levels of administration for the development and the implementation of disaster risk reduction strategies, policies, plans, laws and regulations in all relevant sectors”

30c. “To strengthen, as appropriate, disaster-resilient public and private investments, particularly through structural, non-structural and functional disaster risk prevention and reduction measures in critical facilities, in particular schools and hospitals and physical infrastructures; building better from the start to withstand hazards through proper design and construction, including the use of the principles of universal design and the standardization of building materials; retrofitting and rebuilding; nurturing a culture of maintenance; and taking into account economic, social, structural, technological and environmental impact assessments”

30d. “To protect or support the protection of cultural and collecting institutions and other sites of historical, cultural heritage and religious interest”

31a. “To promote coherence across systems, sectors and organizations related to sustainable development and to disaster risk reduction in their policies, plans, programmes and processes”

Two considerations are particularly relevant to seed banks and other forms of biobank:

31f. “To strengthen and promote collaboration and capacity-building for the protection of productive assets, including livestock, working animals, tools and seeds”

31h. “To strengthen and broaden international efforts aimed at eradicating hunger and poverty through disaster risk reduction”

Priority 4 is focused on anticipating disasters to reduce risk, enhance disaster preparedness and to ‘build back better’

33a. “To prepare or review and periodically update disaster

preparedness and contingency policies, plans and programmes with the involvement of the relevant institutions, considering climate change scenarios and their impact on disaster risk, and facilitating, as appropriate, the participation of all sectors and relevant stakeholders”

33c. “To promote the resilience of new and existing critical infrastructure, including water, transportation and telecommunications infrastructure, educational facilities, hospitals and other health facilities, to ensure that they remain safe, effective and operational during and after disasters in order to provide life-saving and essential services”

33d. “To establish community centres for the promotion of public awareness and the stockpiling of necessary materials to implement rescue and relief activities”

33e. “To adopt public policies and actions that support the role of public service workers to establish or strengthen coordination and funding mechanisms and procedures for relief assistance and plan and prepare for post-disaster recovery and reconstruction”

33f. “To train the existing workforce and voluntary workers in disaster response and strengthen technical and logistical capacities to ensure better response in emergencies”

33g. “To ensure the continuity of operations and planning, including social and economic recovery, and the provision of basic services in the post-disaster phase”

33h. “To promote regular disaster preparedness, response and recovery exercises, including evacuation drills, training and the establishment of area-based support systems, with a view to ensuring rapid and effective response to disasters and related displacement, including access to safe shelter, essential food and non-food relief supplies, as appropriate to local needs”

33i. “To promote the cooperation of diverse institutions, multiple authorities and related stakeholders at all levels, including affected communities and business, in view of the complex and costly nature of post-disaster reconstruction, under the coordination of national authorities”

33j. “To promote the incorporation of disaster risk

management into post-disaster recovery and rehabilitation processes, facilitate the link between relief, rehabilitation and development, use opportunities during the recovery phase to develop capacities that reduce disaster risk in the short, medium and long term, including through the development of measures such as land-use planning, structural standards improvement and the sharing of expertise, knowledge, post-disaster reviews and lessons learned and integrate post-disaster reconstruction into the economic and social sustainable development of affected areas. This should also apply to temporary settlements for persons displaced by disasters”

33k. “To develop guidance for preparedness for disaster reconstruction, such as on land-use planning and structural standards improvement, including by learning from the recovery and reconstruction programmes over the decade since the adoption of the Hyogo Framework for Action, and exchanging experiences, knowledge and lessons learned”

33l. “To consider the relocation of public facilities and infrastructures to areas outside the risk range, wherever possible, in the post-disaster reconstruction process, in consultation with the people concerned, as appropriate”

34a. “To develop and strengthen, as appropriate, coordinated regional approaches and operational mechanisms to prepare for and ensure rapid and effective disaster response in situations that exceed national coping capacities”

34b. “To promote the further development and dissemination of instruments, such as standards, codes, operational guides and other guidance instruments, to support coordinated action in disaster preparedness and response and facilitate information sharing on lessons learned and best practices for policy practice and post-disaster reconstruction programmes”

34c. “To promote the further development of and investment in effective, nationally compatible, regional multi-hazard early warning mechanisms, where relevant, in line with the Global Framework for Climate Services, and facilitate the sharing and exchange of information across all countries”

34h. “To train the existing workforce and volunteers in

disaster response”

“V. Role of stakeholders

35. While States have the overall responsibility for reducing disaster risk, it is a shared responsibility between Governments and relevant stakeholders. In particular, non-State stakeholders play an important role as enablers in providing support to States, in accordance with national policies, laws and regulations, in the implementation of the present Framework at local, national, regional and global levels. Their commitment, goodwill, knowledge, experience and resources will be required.

36. When determining specific roles and responsibilities for stakeholders, and at the same time building on existing relevant international instruments, States should encourage the following actions on the part of all public and private stakeholders:

(a) Civil society, volunteers, organized voluntary work organizations and community-based organizations to participate, in collaboration with public institutions, to, inter alia, provide specific knowledge and pragmatic guidance in the context of the development and implementation of normative frameworks, standards and plans for disaster risk reduction; engage in the implementation of local, national, regional and global plans and strategies; contribute to and support public awareness, a culture of prevention and education on disaster risk; and advocate for resilient communities and an inclusive and all-of-society disaster risk management that strengthen synergies across groups, as appropriate. On this point, it should be noted that:

(i) Women and their participation are critical to effectively managing disaster risk and designing, resourcing and implementing gender-sensitive disaster risk reduction policies, plans and programmes; and adequate capacity building measures need to be taken to empower women for preparedness as well as to build their capacity to secure alternate means of livelihood in post-disaster situations;

(ii) Children and youth are agents of change and should be given the space and modalities to contribute to disaster risk reduction, in accordance with legislation, national practice and educational curricula;

(iii) Persons with disabilities and their organizations are critical in the assessment of disaster risk and in designing and implementing plans tailored to specific requirements, taking into consideration, inter alia, the principles of

universal design;

(iv) Older persons have years of knowledge, skills and wisdom, which are invaluable assets to reduce disaster risk, and they should be included in the design of policies, plans and mechanisms, including for early warning;

(v) Indigenous peoples, through their experience and traditional knowledge, provide an important contribution to the development and implementation of plans and mechanisms, including for early warning;

(vi) Migrants contribute to the resilience of communities and societies, and their knowledge, skills and capacities can be useful in the design and implementation of disaster risk reduction;

(b) Academia, scientific and research entities and networks to focus on the disaster risk factors and scenarios, including emerging disaster risks, in the medium and long term; increase research for regional, national and local application; support action by local communities and authorities; and support the interface between policy and science for decision-making;

(c) Business, professional associations and private sector financial institutions, including financial regulators and accounting bodies, as well as philanthropic foundations, to integrate disaster risk management, including business continuity, into business models and practices through disaster-risk-informed investments, especially in micro, small and medium-sized enterprises; engage in awareness-raising and training for their employees and customers; engage in and support research and innovation, as well as technological development for disaster risk management; share and disseminate knowledge, practices and non sensitive data; and actively participate, as appropriate and under the guidance of the public sector, in the development of normative frameworks and technical standards that incorporate disaster risk management;

(d) Media to take an active and inclusive role at the local, national, regional and global levels in contributing to the raising of public awareness and understanding and disseminate accurate and non-sensitive disaster risk, hazard and disaster information, including on small-scale disasters, in a simple, transparent, easy-to-understand and accessible manner, in close cooperation with national authorities; adopt specific disaster risk reduction communications policies; support, as appropriate, early warning systems and life-saving protective measures; and stimulate a culture of prevention and strong community involvement in sustained public education campaigns and

	public consultations at all levels of society, in accordance with national practices.”
25. Relevant policy considerations	Yes
26. Resources for implementation identified	No
27. Specific assessment points/indicators/milestones/action plan for monitoring	Yes
28. ASPECTS OF SUSTAINABILITY COVERED BY RESOURCE (mark all that apply)	
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?	No
31. SDGs specifically mentioned?	No
32. SDG targets specifically mentioned?	No
33. SDG indicators specifically mentioned?	No
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	The Sendai Disaster Reduction Framework is strongly linked to all Sustainable Development Goals; it was developed before Agenda 2030 and the SDGs were announced. It is an important framework, applying everywhere, and already agreed and adopted by signatory countries. Implementing it helps advance the SDGs, and implementing the SDGs helps advance the framework, as the primary international agenda for disaster risk reduction.

	<p>Collections-based institutions are implicated in the Sendai Framework in a number of ways. Notably by:</p> <ol style="list-style-type: none"> 1. incorporating disaster risk reduction and resilience considerations into educational and public awareness programmes of all kinds, to build individuals' and communities' capacity and resilience to deal with disasters of all kinds, contributing directly to SDGs 1.5, 3.D, 4.7, 11.A, 12.8, SDG 13.3 and 13.B, and through these to a number of other SDGs and targets, for example SDG 2.4; 2. ensuring that facilities, services and staffing are effective and resilient for purposes of education, preservation and research, both in the face of disasters and to provide opportunities for effective use, some of which will contribute to disaster risk reduction, contributing to SDGS 3.4, 3.9, 4.4, 4.A, 9.1, 9.4 and 9.5 3. working to protect cultural and natural heritage effectively, supporting SDG 6.6, 11.4, 14.2, 15, and 16.4. 4. ensuring that effective plans, policies and relationships are in place, to actively achieve Disaster Risk Reduction, to reduce the impact of disasters and to collaborate effectively for disaster response and to build back better in reconstruction, supporting SDGs 1.5, 2.4, 3.D, 4.7, 4.A, 6.4, 7.2, 7.3, 8.3, 8.5, 8.6, 8.8, 8.9, 9.1, 9.4, 9.5, 9.A, 11.4, 11.5, 11.7, 11.A, 11.B, 12.6, 12.8, 13.1, 13.2, 13.3, 13.B, 14.2, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.4, 16.6, 16.7, 17.14 and 17.16, 17.17, and other targets listed above. 5. Ensuring that all sectors of society are included in disaster risk reduction in fair and equitable ways, with special attention to gender, ethnicity, migrant status, disabled status and other characteristics, supporting SDGs 5.1, 5.5, 5.C, 10.2 and 10.4, 11.3, 11.A, 13.B, 16.6, 16.7, 17.14, 17.16 and 17.17.
35. SDGs and SDG targets the resource helps advance	
<p>SDG 1: End poverty in all its forms everywhere 1.5 By 2030, build resilience of the poor and those in vulnerable situations and</p>	<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</p>

<p>reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters.</p>	<p>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><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></p>
<p>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</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 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>SDG 3: Ensure healthy lives and promote well-being for all at all ages 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 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>SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination</p>	<p>Plans, policies and procedures in place to prevent harmful exposure to hazardous chemicals associated with collections, or collections-related activities.</p> <p>Plans, policies and procedures in place to ensure hazardous chemicals and other forms of pollutant are properly managed and disposed of, to prevent release into the natural environment.</p>
<p>SDG 3: Ensure healthy lives and promote well-being for all at all ages 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</p>

	risks.
<p>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</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> <p>Programs and processes in place to ensure the availability of a skilled workforce.</p>
<p>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>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>	<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>
<p>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>4.A Build and upgrade education facilities that are</p>	<p>Number and proportion of education facilities that are child, disability and gender sensitive.</p> <p>Proportion of education facilities that provide safe, non-violent, inclusive and effective learning environments for all.</p>

<p>child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all</p>	<p>Number and type of initiatives to improve effectiveness of learning environments.</p> <p>Support given to other education facilities to make them more inclusive and effective</p>
<p>SDG 5. Achieve gender equality and empower all women and girls 5.1 End all forms of discrimination against all women and girls everywhere</p>	<p>Number and proportion of programmes taking proactive steps to identify, reduce and remove discriminatory practices and processes relating to collections and collection-based institutions.</p>
<p>SDG 5. Achieve gender equality and empower all women and girls 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>	<p>Number and proportion of women included in programmes, partnerships and processes relating to collections and collection-based institutions at</p> <ul style="list-style-type: none"> i. foundation/entry levels ii. intermediate levels iii. senior levels, including management, leadership and decision-making.
<p>SDG 5. Achieve gender equality and empower all women and girls 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</p>	<p>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.</p>
<p>SDG 6. Ensure availability and sustainable management of water and sanitation for all 6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity</p>	<p>Reductions in water use, increase in water recycling, preventing water shortages in vicinity.</p> <p>Information on, programmes relating to, and partnerships relating to water use drawing on collections and collections-based institutions in place, to support efficient use of water.</p>

<p>SDG 6. Ensure availability and sustainable management of water and sanitation for all 6.6 By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes</p>	<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>
<p>SDG 7. Ensure access to affordable, reliable, sustainable and modern energy for all 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix</p>	<p>Proportion of energy that comes from renewable sources.</p> <p>Date to achieve net zero, and milestones towards that date.</p>
<p>SDG 7. Ensure access to affordable, reliable, sustainable and modern energy for all 7.3 By 2030, double the global rate of improvement in energy efficiency</p>	<p>Reduction in energy use.</p> <p>Upgrade of old equipment to more efficient equipment.</p> <p>Uptake of renewable sources of energy.</p>
<p>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all 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</p>	<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>

<p>through access to financial services</p>	
<p>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all 8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value</p>	<p>Increase in number of people in full and productive employment relating to collections, through job creation and recruitment.</p> <p>Increase in proportion of existing staff working with collections in productive employment.</p> <p>Increase in number of men, women, young people and persons with disabilities in development and training programmes drawing on collections that support them in employment.</p> <p>Removal of pay disparities by gender and/or other status for those working with collections.</p> <p>Policies and plans in place to ensure that all suppliers and others in the supply chain are in decent and productive work.</p>
<p>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all 8.6 By 2020, substantially reduce the proportion of youth not in employment, education or training</p>	<p>Number of young people in employment, education or training relating to collections.</p> <p>Number of people in dedicated programmes relating to collections, who would otherwise not be in employment, education or training.</p>
<p>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all 8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant</p>	<p>Number and proportions of staff working with collections in safe and secure working environments.</p> <p>Number of accidents and other health and safety incidents reported.</p> <p>Training and support provided for staff to ensure their wellbeing, health and safety.</p>

<p>workers, in particular women migrants, and those in precarious employment</p>	<p>Education, awareness-raising and partnership programmes drawing on collections that address labour rights, notably those of migrant workers and others in precarious employment.</p> <p>Reduction of numbers and proportions of staff on short-term or zero-hours contracts.</p> <p>Fair pay policies and procedures in place to prevent exploitation.</p> <p>Procurement policies that ensure that collecting institutions make use of people who are in decent employment, and that avoid exploitation throughout the supply chain.</p>
<p>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all 8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products</p>	<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>
<p>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all</p>	<p>Development of research-useful collections to support reliable, sustainable and resilient use by researchers and others.</p> <p>Number and proportion of collections facilities and stores that support economic development and human well-being.</p> <p>Number and proportion of collections facilities and stores that provide affordable and equitable access for all.</p> <p>Investment in collections facilities.</p> <p>Inclusion of collections information in regional and transborder initiatives, notably via digital access for discoverability.</p>

<p>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p>9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities</p>	<p>Number and proportion of collections facilities that:</p> <ol style="list-style-type: none"> 1. make efficient use of resources, with an ongoing drive for efficiencies and reductions in energy use and waste of all forms. 2. use clean and environmentally sound technologies, including climate-friendly energy sources and materials, with an ongoing commitment to reduce greenhouse gas emissions and waste of all forms. 3. adopt and/or prioritise collections-related processes and practices to reduce greenhouse gas emissions and waste of all forms.
<p>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization</p> <p>9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending</p>	<p>Number and proportion of collections facilities that effectively support research and researchers.</p> <p>Number and proportion of staff who are appropriately skilled to undertake and support collections-based research.</p> <p>Expenditure on initiatives to enhance and upgrade collections facilities.</p> <p>Numbers of staff engaged in to supporting and developing research use based on collections.</p> <p>Number of initiatives to encourage innovation drawing on collections.</p> <p>Increase in number of research and development workers per 1 million people.</p> <p>Increase in public and private research and development spending being used to develop and make use of collections.</p>

<p>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p>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>	<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"> i. joint projects, ii. funding bids, iii. sharing equipment, collections and collections information as appropriate, iv. in order to support development of high-quality infrastructures for sustainable development, research and innovation.
<p>SDG 10. Reduce inequality within and between countries</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>Collections development to ensure that collections effectively 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>SDG 10. Reduce inequality within and between countries</p> <p>10.4 Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality</p>	<p>Number and proportion of policies that proactively address equality issues relating to fiscal, wage and social protection considerations.</p>

<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>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>	<p><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></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>
<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage</p>	<p><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></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>
<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>11.5 By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross</p>	<p>Collections-based research that supports the understanding and management of disasters of all kinds.</p> <p>Plans in place for public education and awareness drawing on collections and collections-based institutions to reduce exposure and vulnerability to disasters of all kinds.</p> <p>Plans in place to ensure collections-based institutions steadily work to reduce their contributions to disaster risk, for example by reducing pollution and waste of all kinds.</p>

<p>domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations</p>	<p>Plans in place to ensure collections-based institutions, and people related to them (including workers) are protected from economic losses as a result of disasters.</p> <p>Plans in place to provide special support/protection to poor and vulnerable people and groups in and following disasters.</p>
<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities</p>	<p>Numbers of people accessing collecting institutions from different demographic groups, notably women, children, older people and persons with disabilities.</p> <p>Increases in numbers of people accessing collecting institutions from different demographic groups.</p> <p>Measures taken to remove barriers to access green and public spaces.</p> <p>Extent of green space provided by collections institutions.</p>
<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 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>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.B By 2020, substantially increase the number of</p>	<p><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></p>

<p>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>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>SDG 12 Ensure sustainable consumption and production patterns 12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle</p>	<p>Clear visions, strategies and plans in place for all aspects of sustainability – environmental, social and economic (people, planet, prosperity)- across all areas of activity.</p> <p>Visions, strategies and plans relating to sustainability to be publicly available and incorporated into planning documents.</p> <p>Commitments to be in line with local, regional, national and/or international targets and ambitions.</p> <p>Incorporation of sustainability into reporting for funders and other stakeholders, including the public. Reporting to include commitments and progress towards targets.</p>
<p>SDG 12 Ensure sustainable consumption and production patterns 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><i>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</i></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>SDG 13. Take urgent action to combat climate change and its impacts</p>	<p>Plans in place for near and longer term to withstand and actively adapt to climate-related hazards and natural</p>

<p>13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries</p>	<p>disasters.</p>
<p>SDG 13. Take urgent action to combat climate change and its impacts 13.2 Integrate climate change measures into national policies, strategies and planning</p>	<p>National organizations, institutions and networks relating to collections and collections-based institutions to have integrated climate change measures into policies, strategies and planning relating to collections and collections-based institutions, including funding and other resourcing considerations</p>
<p>SDG 13. Take urgent action to combat climate change and its impacts 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>SDG 13. Take urgent action to combat climate change and its impacts 13.B Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities.</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> <p>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.</p>
<p>SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development</p>	<p>Proportion of marine and coastal areas in a good ecological condition</p> <p>Numbers of educational and awareness-raising</p>

<p>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</p>	<p>programmes, research activities, and partnerships drawing on collections aiming to support protection of marine and coastal areas.</p>
<p>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 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</p>	<p>Proportion of terrestrial and inland freshwater systems in a good ecological condition.</p> <p>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.</p>
<p>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 15.2 By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally</p>	<p>Proportion of forests in a good ecological condition</p> <p>Information on, programmes relating to, collections development, and partnerships relating to forests drawing on collections in place, to support their protection and effective functioning.</p>

<p>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 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>Proportion of soils and land area in a good ecological condition, 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>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 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>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 15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of</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>biodiversity and, by 2020, protect and prevent the extinction of threatened species</p>	
<p>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 15.6 Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed</p>	<p>Policies, plans and agreements in place for access and benefit sharing relating to use of collections, in line with the Nagoya Protocol (notably relating to natural history collections, gene banks, tissue banks, seed banks).</p> <p>Effective communication and dissemination methods in place to promote access to resources, and access to relevant policies, plans and agreements, in place.</p>
<p>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 15.7 Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products</p>	<p>Policies and plans in place to ensure objects and specimens of protected species (for example ivory, rhino horn) in collections are protected against theft and do not enter supply chains.</p> <p>Policies and plans in place to ensure that objects and specimens are only acquired in line with national and international legislation, or with legal dispensation.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to poached and trafficked species, notably protected and endangered species, to end poaching and trafficking.</p>
<p>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 15.8 By 2020, introduce</p>	<p>Number and proportion of invasive alien species for which effective measures are in place to reduce their impact on land and water ecosystems.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to invasive alien species, to support their effective management, and to prevent spread and impact.</p>

<p>measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species</p>	
<p>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 15.9 By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts</p>	<p>Proportion and number of relevant plans, processes and strategies that incorporate ecosystem and biodiversity values, and their relationships with effective collections.</p> <p>Plans in place to ensure that development of collections facilities contributes to effective conservation and restoration of terrestrial ecosystems.</p>
<p>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. 16.4 By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime</p>	<p>Identification of stolen assets, return of stolen assets.</p> <p>Collections development, education, awareness-raising and partnership activities relating to organized crime, with a view to combatting organized crime everywhere.</p>

<p>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. 16.6 Develop effective, accountable and transparent institutions at all levels</p>	<p>16.6.2 Proportion of the population [audience/users/non-users] satisfied with their last experience of public services Access to information, and accountability policies and mechanisms, in place.</p> <p>Effective institutional arrangements, both for own working and for working in partnership with other sectors, in place.</p> <p>Plans and arrangements in place for extraordinary circumstances such as natural and human-caused disasters.</p> <p>Effective arrangements in place to fulfil legal and social obligations and responsibilities.</p> <p>Effective arrangements in place for transparent communication and reporting of institutional performance.</p> <p>Effective arrangements in place for transparent decision-making and accountability.</p>
<p>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. 16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels</p>	<p>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 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</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>
<p>SDG 17. Partnerships for the goals 17.14 Enhance policy coherence for sustainable development</p>	<p>Proportion of policies that incorporate sustainable development considerations, linking to SDGs and targets.</p> <p>Incorporation of policy considerations from outside the collections sector into policies of collections-based institutions, to facilitate partnerships and effectiveness.</p>

<p>SDG 17. Partnerships for the goals</p> <p>17.16 Enhance the global partnership for sustainable development, complemented by multi-stakeholder 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</p>	<p>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.</p> <p>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</p>					
<p>SDG 17. Partnerships for the goals</p> <p>17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships</p>	<p><i>17.17.1 Amount of United States dollars committed to public-private and civil society partnerships</i></p> <p>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 organizations and institutions.</p>					
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