

FORMAT		
1. Name of resource	Green Economy Roadmap and Ten Conditions for a Transition toward a Green Economy	
2. Location	https://iccwbo.org/content/uploads/sites/3/2012/08/Green-Economy-Roadmap-a-guide-for-business-policy-makers-and-society.pdf	
3. Alternative location		
4. Author[s]	International Chamber of Commerce	
5. Publisher/producer/host	International Chamber of Commerce	
6. Year	2012	
7. Suggested citation	ICC (2012). Green Economy Roadmap and Ten Conditions for a Transition toward a Green Economy: a guide for business, policy makers and society . ICC	
8. Languages in which available	English	
9. Geographic area resource relates to	Global	
10. Does the resource relate to a specific time frame?		
11. Type	Report	Yes
	Toolkit/Framework/Roadmap	Yes
	Sign-post to other resource (database)	Yes
	Case studies	Yes
	Other	
12. If this is part of an initiative, what is the initiative?	<p>The resource consists of a 'Guide for Business, Policy makers and society'</p> <p>An 'Annex of Best Practices' is maintained to act as a clearing house to showcase best practices at: https://iccwbo.org/publication/icc-green-economy-roadmap-best-practices-and-calls-for-collaborations-2012/.</p>	
COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS		
13. Explicit links to collections	No	
14. Explicit links to museums/libraries/archives	No	

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	The resources can help collecting institutions to develop their policies, practices and activities to contribute to a 'green economy'.	

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	
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 citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development and/or skills development relating to collections	X
Use collections to promote cultural participation/social inclusion more effectively , for example by reducing barriers to participation, to ensure no-one is 'left behind'	X
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	X
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	
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)	X
v.	commercial activities including copyright and IP	X
vi.	governance and management	X
vii.	security, disaster preparedness and risk reduction	
Direct external leadership, partnerships and collaborations towards sustainable development more effectively , for example by developing impactful partnerships		
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		
1970 Fighting Against the Illicit Trafficking of Cultural Property		
1972 Protection of the World Cultural and Natural Heritage		
2001 Protection of the Underwater Cultural Heritage		
2003 Safeguarding of the Intangible Cultural Heritage		
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)		
AIMS AND CONTENT		
20. What issues does the resource aim to address?	<p>“The ICC Green Economy Roadmap represents a comprehensive and multidisciplinary effort to frame the concept of ‘green economy’ and promote a more common understanding... The ICC Green Economy Roadmap is a forward-looking document meant to serve as a reference document for current and future actions. We hope that it will be a useful tool for integrating sustainability into business strategies or government policy frameworks” (Preface, p. 4).</p> <p>“The world is facing a critical challenge: how to create economic opportunities for a growing population while ensuring that economic growth and environmental and social responsibility work together in a mutually reinforcing fashion... Business has an essential role in bringing solutions to global sustainability challenges... Today’s collective sustainability challenge requires all actors, whether business, government or civil society, to accept shared responsibility and shift towards more collaborative</p>	

	<p>and solutions-oriented thinking.</p> <p>To meet these challenges, the ICC Green Economy Roadmap calls for innovation, collaboration and governance on ten conditions that need to be worked on simultaneously, both bottom up and top down and in the short and long term for a transition towards a ‘green economy’” (Executive summary, p.5 of Roadmap).</p>
21. Intended audience of resource	Businesses, policy makers, civil society.
22. Process of development	<p>Following extensive consultations with the global business community and stakeholders, ICC articulated ten conditions for a “green economy” in a three tiered approach that provide a framework to determine what is required to advance a transition towards a “green economy”. Each of the three tiers requires innovation, collaboration and governance to be considered as an integrated set. The three tiers are as follows:</p> <p>Tier 1: Develop 10 short and clear high level conditions</p> <p>Tier 2: For each condition list what business/intra-industry and collaborative actions are required to make a “green economy” happen</p> <p>Tier 3: Add best practices and case studies that can be amplified or multiplied including existing principles or standards</p> <p>(p.11)</p>
23. Organisation/structure/contents	<p>Preface</p> <p>Executive summary</p> <p>Introduction</p> <p>Ten conditions for a transition towards a “green economy”</p> <p>Separate annexes: best practices and calls for collaboration</p>
FRAMEWORKS	
24. Framework structure	<p>The ten conditions for a transition towards a “green economy” are:</p> <p><u>Economic innovation</u></p> <ol style="list-style-type: none"> 1. Open and competitive markets 2. Metrics, accounting, and reporting 3. Finance and investment <p><u>Environmental innovation</u></p> <ol style="list-style-type: none"> 4. Resource efficiency and decoupling 5. Life cycle approach <p><u>Social innovation</u></p> <ol style="list-style-type: none"> 6. Awareness 7. Education and skills 8. Employment

	<p><u>Mutually reinforcing and cross-cutting elements</u></p> <p>9. Integrated environmental, social and economic policy and decision-making</p> <p>10. Governance and partnerships</p> <p>For each of these, the following are explored:</p> <p>High-level condition [big picture]</p> <p>State of play [progress to date and trends]</p> <p>Business and intra-industry [=sector] action: suggested key actions to take</p> <p>Collaborative action: suggested key actions to take</p> <p>The road ahead [future needs to enhance activity]</p> <p>Role of SMEs [Small and Medium Enterprises]</p>
25. Relevant policy considerations	Yes
26. Resources for implementation identified	Yes
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)	
Planet (environmental sustainability)	X
Prosperity (economic sustainability)	X
Peace	
Partnerships	
29. CROSS-CUTTING CONSIDERATIONS COVERED BY RESOURCE (mark all that apply)	
Gender perspectives	
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	No

specifically mentioned?	
33. SDG indicators specifically mentioned?	No
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	<p>The Green Economy Roadmap can be used by collecting institutions to assess and address sustainability across all of their activities and operations (SDG 12.6), enhancing their economic resilience through value creation and governance, at the same time as enhancing their contributions to social and environmental considerations.</p> <p>The main focus of the Roadmap is in relation to SDG 8 (Decent Work and Economic Growth), notably 8.4 (decoupling economic growth from environmental degradation), but it is strongly linked to many other SDGs and targets (e.g. targets in SDGs 14 and 15, life below water and life on land, and 2.5 on exploitation of genetic resources). Contributing to the green economy contributes to SDG 9.2.</p> <p>Education, public awareness and public participation in decision-making are key elements through the ten conditions (SDGs 4.7, 11.3, 12.8, 13.3, 16.10).</p> <p>The following SDGs are targets are also clearly linked to the Roadmap and ten conditions, accepting that it also connects with many more SDGs and targets via these connections: monitoring and accountability (SDG 12.6, 12.B, 17.19); incorporating a culture of sustainability through staff training (SDG 4.4); effective policies for sustainable development (12.7, 16.B, 17.14); reducing inequalities through employment (SDGs 5.1, 5.5, 5.C, 10.2) and effective partnerships (SDG 17.16, 17.17, 17.19); and effective planning and activity in a regional context (11.A).</p>
35. SDGs and SDG targets the resource helps advance	
SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture 2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including	<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>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>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>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</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>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>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 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 collections-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</p>	<p>Reductions in water use, increase in water recycling, preventing water shortages in vicinity.</p>

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	Information on, programmes relating to, and partnerships relating to water use drawing on collections in place, to support efficient use of water
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	Proportion of water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes in a good ecological condition. 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.
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	Proportion of energy that comes from renewable sources. Date to achieve net zero, and milestones towards that date.
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	Reduction in energy use. Upgrade of old equipment to more efficient equipment. Uptake of renewable sources of energy.
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	Development-oriented policies in place for the range of activities, or development-oriented considerations are included in other policies. Number of micro-, small- and medium-sized enterprises supported. Number and proportion of formalised arrangements with

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>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>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>8.4 Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-Year Framework of Programmes on Sustainable Consumption and Production, with developed countries taking the lead</p>	<p>Plans in place to increase resource efficiency, reduce consumption, and to decouple economic growth from environmental degradation.</p>
<p>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>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</p> <p>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</p> <p>8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment</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>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</p> <p>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>

	Value to artisans and source communities of activities and products drawing on local culture.
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>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>
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 9.2 Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries	<p>Number of products and services developed, either alone or in partnership, that contribute to the green economy in some way.</p> <p>Number of jobs created, and working hours spent, that contribute to the green economy.</p> <p>Number of partnerships that produce products and services that add value to the economy, and that have positive social and environmental impacts.</p>
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean	<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.

and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities	3. adopt and/or prioritise collections-related processes and practices to reduce greenhouse gas emissions and waste of all forms.
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization 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	Number and proportion of collections facilities that effectively support research and researchers. Number and proportion of staff who are appropriately skilled to undertake and support collections-based research. Expenditure on initiatives to enhance and upgrade collections facilities. Numbers of staff engaged in to supporting and developing research use based on collections. Number of initiatives to encourage innovation drawing on collections. Increase in number of research and development workers per 1 million people. Increase in public and private research and development spending being used to develop and make use of collections.
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 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	Plans in place to support development of sustainable and resilient infrastructure in developing countries through financial, technological and technical support, for example through: <ol style="list-style-type: none"> joint projects, funding bids, sharing equipment, collections and collections information as appropriate, in order to support development of high-quality infrastructures for sustainable development, research and innovation.

States.	
SDG 10. Reduce inequality within and between countries 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>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>
SDG 10. Reduce inequality within and between countries 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>Identification of discriminatory policies and practices, with clear plans to address these, to ensure equal opportunity for all and reduce inequalities of outcome.</p>
SDG 10. Reduce inequality within and between countries 10.4 Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality	<p>Number and proportion of policies that proactively address equality issues relating to fiscal, wage and social protection considerations.</p>
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable	<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>

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>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>
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>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>
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>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>
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.B By 2020, substantially increase the number of	<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>

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	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.
SDG 12 Ensure sustainable consumption and production patterns 12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment	<p>Quantities, and reduction in quantities, of chemicals of all kinds, including chemicals used in maintenance of collections facilities, and chemicals used in care and preparation of collections, and all wastes throughout their life cycle, reducing release to air, water and soil.</p> <p>Plans in place to eliminate the use and release of hazardous chemicals and harmful wastes of all kinds into the natural environment as soon as possible.</p>
SDG 12 Ensure sustainable consumption and production patterns 12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse	Quantity and reductions in quantity of waste of all kinds, including avoidance/prevention of waste production, reuse, and recycling. Quantity of material recycled in comparison with quantity sent to landfill. Increases in recycling rate in comparison with landfill.
SDG 12 Ensure sustainable consumption and production patterns 12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate	<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>

sustainability information into their reporting cycle	<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>
SDG 12 Ensure sustainable consumption and production patterns 12.7 Promote public procurement practices that are sustainable, in accordance with national policies and priorities	<p>Incorporation of sustainability considerations into procurement, in terms of advertisement and invitation to tender, contracts, and selection criteria for suppliers.</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><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>
SDG 13. Take urgent action to combat climate change and its impacts 13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	<p>Plans in place for near and longer term to actively adapt to climate-related hazards and natural disasters.</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>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>

	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.
SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development 14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution	<p>Number of collections-related programmes, for example research and education, that aim to reduce marine pollution.</p> <p>Quantity, and reduction, of waste of all sorts, with plans in place to eliminate waste of all sorts as soon as possible.</p> <p>Quantity, and reduction, of plastic waste, with plans in place to eliminate the production and release of plastic waste as soon as possible.</p>
SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development 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	<p>Number of activities that support sustainable tourism relating to Small Island developing States.</p>
SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development 14.C Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans	<p>Number of activities that promote and support the implementation of the international law of the sea (UNCLOS)</p>

and their resources, as recalled in paragraph 158 of The Future We Want	
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 biodiversity and, by 2020, protect and prevent the extinction of threatened species	<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>
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>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>
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	<p><i>16.6.2 Proportion of the population [audience/users/non-users] satisfied with their last experience of public services</i> 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</p>

all levels	<p>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.</p> <p>16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels</p>	<p><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></p> <p><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></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 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.</p> <p>16.B Promote and enforce non-discriminatory laws and policies for sustainable development</p>	<p><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></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>
<p>SDG 17. Partnerships for the goals</p> <p>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>

SDG 17. Partnerships for the goals 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>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>			
SDG 17. Partnerships for the goals 17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships		<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 organisations and institutions.</p>			
SDG 17. Partnerships for the goals 17.19 By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building in developing countries		<p>Identification and implementation of measures for sustainable development incorporating social and environmental considerations.</p> <p>Identification and implementation of both quantitative and qualitative measures of sustainable development.</p>			
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	