FORMAT		
1. Name of resource	**Addressing the SDGs in Science Centers**	
2. Location	http://www.iscsmd.org/sdgs-in-science-centers/	
3. Alternative location		
4. Author[s]	Association of Science and Technology Centers - International Science Center and Museum Day	
5. Publisher/producer/host	Association of Science and Technology Centers - International Science Center and Museum Day	
6. Year		
7. Suggested citation	Association of Science and Technology Centers - International Science Center and Museum Day, Addressing the SDGs in Science Centers, http://www.iscsmd.org/sdgs-in-science-centers/	
8. Languages in which available	English (web version viewable in other language)	
9. Geographic area resource relates to	Global	
10. Does the resource relate to a specific time frame?	2015-30	
11. Type	Report	
	Toolkit/Framework/Roadmap	
	Sign-post to other resource (database)	
	Case studies	Yes
	Other	Links to videos
12. If this is part of an initiative, what is the initiative?	Association of Science and Technology Centers - International Science Center and Museum Day	
COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS		
13. Explicit links to collections	No	
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,**	X

	arts and recreation, architecture, literature, history, geography and ethnology, anthropology, archaeology	
	Science, natural history, technology, medicine, engineering, manufacturing	X
17. If no explicit links to collections, justification for inclusion	The case studies in the resource can be used by collections-based institutions to inform training, educational and management activities linked to the SDGs.	

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'	
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	
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	
iii. waste management and reduction of waste	
iv. transport (forms of transport, energy use)	
v. commercial activities including copyright and IP	

vi. governance and management	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	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	
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	
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 address?	"Science centers and science museums around the world are addressing the Sustainable Development Goals through exhibits and programs. Read their stories below." (SDGs in Science Centers and Museums)

"The International Science Center and Science Museum Day (ISCSMD) is a yearly, global event illustrating the impact and reach of all the world's science centers and science museums. It demonstrates the role these institutions play with their millions of visitors in raising awareness of—and engagement in—sustainable development and the solutions to worldwide challenges such as climate change, human health (HIV/AIDS, Zika, clean water, etc.), energy, waste, water shortages, gender, oceans, and other global issues.

Science centers and science museums worldwide take the opportunity of this day to celebrate and promote their missions through widely diverse informal science education and engagement activities addressing the critical topics articulated in the United Nations Sustainable Development Goals (SDGs) adopted by the world's nations in late 2015. |

	Science centers and science museums are present on all continents and welcome 300 million visitors each year who are actively seeking information and support to make changes in their communities. The day is also a reminder to all about the universality of science and its capacity to build bridges across geographical, cultural, and religious boundaries while addressing common concerns. All ISCSMD activities show how science and technology education in support of the SDGs has a larger impact beyond economic growth alone and can serve the greater good for the planet and its people." (About)
21. Intended audience of resource	[Science centers and museums, and relevant decision-makers]
22. Process of development	"From the start, the ISCSMD has connected with the objectives of the triennial Science Centre World Summit because of its emphasis on the UN SDGs. The last summit took place in November 2017 in Tokyo and formalized the global commitment of the science center field to the achievement of the SDGs and to the ISCSMD as one of the instruments to do so, as explicitly expressed in the adopted Tokyo Protocol."
23. Organisation/structure/contents	The website presents a large number of case studies from around the world. Each case studies highlights which SDGs were relevant in their particular work and projects. 'Toolkit' provides access to further resources, including to the SDGs in different languages, and links to videos of webinars from previous International Science Center and Science Museum Day events.
FRAMEWORKS	
24. Framework structure	
25. Relevant policy considerations	Yes
26. Resources for implementation identified	Yes
27. Specific assessment points/indicators/milestones/action plan for monitoring	No
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?	Yes
31. SDGs specifically mentioned?	Yes
32. SDG targets specifically mentioned?	No
33. SDG indicators specifically mentioned?	No
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	The resource can help support science centres and science museums, and other kinds of collections-based institutions, notably around educational programmes supporting SDG targets Education for Sustainable Development (4.7), information for lifestyles in harmony with nature and sustainable development (12.8), and climate change education, awareness and institutional capacity (13.3), and 16.10 (ensure access to information and support fundamental freedoms). The resource can also support collections-based institutions to adopt sustainable practices (SDG 12.6) and policies that support sustainable development (16.B). Individual case studies relate to further SDGs and targets.
35. SDGs and SDG targets the resource helps advance	
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 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	Numbers of people in each type of programme drawing on collections from different demographic groups. Increases in numbers of people in each type of programme from different demographic groups. Proportion of people involved in such programmes in relation to overall audience size.

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	Evidence that learners have acquired knowledge and skills to promote sustainable development.
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	Clear visions, strategies and plans in place for all aspects of sustainability – environmental, social and economic (people, planet, prosperity)- across all areas of activity. Visions, strategies and plans relating to sustainability to be publicly available and incorporated into planning documents. Commitments to be in line with local, regional, national and/or international targets and ambitions. Incorporation of sustainability into reporting for funders and other stakeholders, including the public. Reporting to include commitments and progress towards targets.
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	***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*** 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.
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,	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.

impact reduction and early warning	Plans in place for effective education and awareness raising on climate change mitigation, adaptation, impact reduction and early warning. 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 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. 16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements	Adopt and implement constitutional, statutory and/or policy guarantees for public access to information. Plans in place, and plans implemented to enhance public access to information relating to collections. Plans in place, and plans implemented to support fundamental freedoms, in line with human rights, national and international agreements and legislation. Plans and procedures in place for public access to information relating to the operation and management of collections-based institutions. Complaint mechanism in place for public to use where public access to information and fundamental freedoms not supported or fulfilled.
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.B Promote and enforce non-discriminatory laws and policies for sustainable development	*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* Number and proportion of policies that incorporate sustainable development considerations, in the full sense of recognizing all three of social, economic and environmental considerations.

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13	14	15	16	17	