

FORMAT		
1. Name of resource	A Sustainable Development Guide for Canada's Museums	
2. Location	https://www.museums.ca/client/document/documents.html?categoryId=361	
3. Alternative location		
4. Author[s]		
5. Publisher/producer/host	Canadian Museums Association	
6. Year	2006	
7. Suggested citation	Canadian Museums Association (2006). A Sustainable Development Guide for Canada's Museums, available at https://www.museums.ca/client/document/documents.html?categoryId=361 .	
8. Languages in which available	English, French	
9. Geographic area resource relates to	Canada, but global relevance.	
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 (extensive references)
	Case studies	Yes
	Other	
12. If this is part of an initiative, what is the initiative?		
COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS		
13. Explicit links to collections	Yes	
14. Explicit links to museums/libraries/archives	Yes	
15. Types of institutions the resource covers	Museums	X
	Archives	X
	Libraries	X
	Other	X
16. Does the resource relate to specific disciplines?	Arts, humanities and social sciences: philosophy, psychology, religion, social sciences, law, politics, language, arts and recreation, architecture,	X

	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		
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, and that support sustainable development 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	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		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?	<p>“This guide gives a basic explanation of sustainable development (SD). Its main goal is to help museums develop and implement SD policies and practices. According to the Brundtland Report: Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. It contains within it two key concepts:</p> <ul style="list-style-type: none"> • the concept of ‘needs,’ in particular the essential needs of the world’s poor, to which overriding priority should be given; and • the idea of limitations imposed by the state of technology and social organization on the environment’s ability to meet present and future needs.” 	
21. Intended audience of resource	[Canadian museums]	
22. Process of development		
23. Organisation/structure/contents	<p>The Guide is presented online as separate PDF ‘chapters’:</p> <p>Acknowledgements Foreword Introduction Chapter 1: Sustainable Development Chapter 2: Human Resources Chapter 3: Management Chapter 4: Exhibition Material Chapter 5: Information and Communications</p>	

	Chapter 6: Events and Room Rentals Chapter 7: Responsible Procurement Chapter 8: Waste Management Chapter 9: Hazardous Materials Management Chapter 10: Property Management Chapter 11: Transportation Chapter 12: Funding Chapter 13: Communication and Education Chapter 14: Certification and Audits
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	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	
North and South perspectives	
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	No

specifically mentioned?	
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	<p>The resource is primarily focussed on environmental sustainability. Implementing the resource links with many SDGs and SDG targets.</p> <p>Overall, the resource is most closely linked with SDG 12.6 (adopting sustainable practices).</p> <p>Chapter 1 relates to SDGs 12.6 and 17.14 (policy coherence for sustainable development).</p> <p>Chapter 2 relates to SDGs 8.8 (on a healthy, secure workplace) and SDG 4.4 (staff training).</p> <p>Chapters 3, 4 and 5 relate to SDGs 12.2 (sustainable use of natural resources), 12.4 (managing chemicals and chemical waste), 12.5 (reducing waste generation and increasing reuse and recycling), 6.3 (reducing pollution of water), 11.6 (addressing air pollution), 8.4 (resource efficiency) and 14.1 (preventing marine pollution), many of which contribute to climate action (SDG 13.3). Chapter 5 also relates to the learning environment (SDG 4.A), and the uptake of digital technologies (SDG 9.C). Chapter 6 also relates to SDG 12.3 (reducing food waste). Chapter 7 relates to sustainable procurement (SDG 12.7). Chapters 8 and 9 also relate to SDGs 6.3, 12.4, 12.5 and 14.1 on management of wastes.</p> <p>Chapter 10 relates to energy and resource use of building, the subjects of SDGs 7.2 (green energy use), 7.3 (energy efficiency), 6.4 (water efficiency), 9.1 and 9.4 (develop and upgrade infrastructure), 13.3 (climate action), and providing inclusive green spaces (SDG 11.7).</p> <p>Chapter 11 relates to green transport (part of SDGs 7.2, 7.3, 9.1, 11.2, and 13.3).</p> <p>Chapter 12 relates to funding, which forms part of SDGs 16.6 (effective, accountable and transparent institutions) and 17.17 (multistakeholder partnerships).</p> <p>Chapter 13 is concerned with communicating institutions' sustainable practices, which contributes to SDGs 12.6 (sustainable practices and reporting), 16.6 (effective, accountable and transparent institutions) and 16.10 (access to information). Education programmes on sustainability contributes to SDGs 4.7 (Education for Sustainable</p>

	<p>Development), 12.8 (information for lifestyles in harmony with nature) and 13.3 (climate change education).</p> <p>Chapter 14 is concerned with using recognized standards, so supports SDGs 12.6 (sustainable practices and reporting), 16.6 (effective, accountable and transparent institutions) and 16.10 (access to information).</p>
35. SDGs and SDG targets the resource helps advance	
<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</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>

contribution to sustainable development	
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 4.A Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all	<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>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>
SDG 6. Ensure availability and sustainable management of water and sanitation for all 6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially	<p>Amount of pollutants, and reduction in pollutants, to water systems.</p> <p>Plans in place for the identification, reduction, replacement and recycling of hazardous chemical and materials, to prevent their release into water systems, with plans to eliminate their use as soon as possible.</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>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>
SDG 7. Ensure access to affordable, reliable, sustainable and modern energy for all	<p>Proportion of energy that comes from renewable sources.</p> <p>Date to achieve net zero, and milestones towards that</p>

7.2 By 2030, increase substantially the share of renewable energy in the global energy mix	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 8.4 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	Plans in place to increase resource efficiency, reduce consumption, and to decouple economic growth from environmental degradation.
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 workers, in particular women migrants, and those in precarious employment	Number and proportions of staff working with collections in safe and secure working environments. Number of accidents and other health and safety incidents reported. Training and support provided for staff to ensure their wellbeing, health and safety. Education, awareness-raising and partnership programmes drawing on collections that address labour rights, notably those of migrant workers and others in precarious employment.

	<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 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p>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 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 3. adopt and/or prioritise collections-related processes and practices to reduce greenhouse gas emissions and waste

<p>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p>9.C Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020</p>	<p>Number of collections facilities that provide access to ICT.</p> <p>Number of collections facilities that use digital programmes to connect people with heritage and sustainable development agendas.</p> <p>Number of programmes that support access to the Internet in least developed countries.</p>
<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>11.2 By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons</p>	<p>Plans in place to ensure safe, affordable, accessible and sustainable transport systems for all, in terms of accessing collections-based institutions,</p> <p>Plans in place to use collections-based institutions to provide education and awareness of public transport systems and their development.</p> <p>Special attention to those in vulnerable situations, including women, children, disabled and older people, taken in plans regarding public transport.</p>
<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management</p>	<p>Plans in place to reduce negative impacts on air quality, and volume and forms of waste.</p> <p>Plans in place to eliminate waste of all forms as soon as possible.</p>
<p>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>11.7 By 2030, provide universal access to safe,</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</p>

<p>inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities</p>	<p>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 12 Ensure sustainable consumption and production patterns 12.2 By 2030, achieve the sustainable management and efficient use of natural resources</p>	<p>Reduction of material footprint in terms of reductions in consumption of biomass, fossil fuels, metal ores and non-metal ores.</p>
<p>SDG 12 Ensure sustainable consumption and production patterns 12.3 By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses</p>	<p>Quantities, and reduction in quantities, of food waste, both in terms of waste going for treatment, and waste going to landfill or being otherwise discarded into the environment.</p> <p>Policies and plans in place to reduce and eliminate food waste as soon as possible.</p>
<p>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>	<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 into the natural environment as soon as possible.</p>
<p>SDG 12 Ensure sustainable consumption and production patterns 12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and</p>	<p>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.</p>

reuse	
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>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>
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 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early	<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>

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 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	Number of collections-related programmes, for example research and education, that aim to reduce marine pollution. Quantity, and reduction, of waste of all sorts, with plans in place to eliminate waste of all sorts as soon as possible. Quantity, and reduction, of plastic waste, with plans in place to eliminate the production and release of plastic waste as soon as possible.
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	<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. Effective institutional arrangements, both for own working and for working in partnership with other sectors, in place. Plans and arrangements in place for extraordinary circumstances such as natural and human-caused disasters. Effective arrangements in place to fulfil legal and social obligations and responsibilities. Effective arrangements in place for transparent communication and reporting of institutional performance. Effective arrangements in place for transparent decision-making and accountability.
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	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

fundamental freedoms, in accordance with national legislation and international agreements		<p>and international agreements and legislation.</p> <p>Plans and procedures in place for public access to information relating to the operation and management of collections-based institutions.</p> <p>Complaint mechanism in place for public to use where public access to information and fundamental freedoms not supported or fulfilled.</p>			
SDG 17. Partnerships for the goals 17.14 Enhance policy coherence for sustainable development		<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 17.17 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 organizations and institutions.</p>			
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	