

FORMAT		
1. Name of resource	Policy highlight: Mainstreaming Biodiversity for Sustainable Development	
2. Location	https://www.oecd.org/environment/resources/Policy-Highlights-Mainstreaming-Biodiversity-for-Sustainable-Development.pdf	
3. Alternative location		
4. Author[s]	OECD	
5. Publisher/producer/host	OECD	
6. Year	2018	
7. Suggested citation	OECD (2018). Policy highlight: Mainstreaming Biodiversity for Sustainable Development. OECD, available at https://www.oecd.org/environment/resources/Policy-Highlights-Mainstreaming-Biodiversity-for-Sustainable-Development.pdf	
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	
	Case studies	Yes
	Other	
12. If this is part of an initiative, what is the initiative?	This policy highlight is based on a longer report, OECD (2018), Mainstreaming Biodiversity for Sustainable Development, OECD Publishing, Paris. https://doi.org/10.1787/9789264303201-en	
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
	Arts, humanities and social sciences: philosophy,	X

<p>16. Does the resource relate to specific disciplines?</p>	<p>psychology, religion, social sciences, law, politics, language, arts and recreation, architecture, literature, history, geography and ethnology, anthropology, archaeology</p>	
	<p>Science, natural history, technology, medicine, engineering, manufacturing</p>	<p>X</p>
<p>17. If no explicit links to collections, justification for inclusion</p>	<p>The resource can be used by collecting institutions to plan and implement initiatives that accommodate biodiversity in planning and evaluation, notably policy developments.</p>	
<p>HOW IT CONTRIBUTES TO SUSTAINABLE DEVELOPMENT</p>		
<p>18. Collections-related activities the resource relates to (mark all that apply)</p>		
<p>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</p>		
<p>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</p>	<p>X</p>	
<p>Use collections to promote cultural participation/social inclusion more effectively, for example by reducing barriers to participation, to ensure no-one is 'left behind'</p>		
<p>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</p>		
<p>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</p>		
<p>Make decisions around collections that contribute to sustainable development more effectively</p>		
<p>i. employment (recruiting, staff training, staff safety)</p>		
<p>ii. energy consumption, greenhouse gas emissions, reduction, monitoring and reporting</p>		
<p>iii. waste management and reduction of waste</p>	<p>X</p>	
<p>iv. transport (forms of transport, energy use)</p>		
<p>v. commercial activities including copyright and IP</p>	<p>X</p>	

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>“Biodiversity underpins all life and provides vital benefits to our societies and economies. Yet despite this, pressures from land use change, over-exploitation of natural resources, pollution and climate change are contributing to an alarming loss of living diversity. We have to reverse these trends.</p> <p>Biodiversity and ecosystem services provide invaluable – but often invisible – benefits at global, regional and local scales. These include services such nutrient cycling, habitat provisioning, pollination, erosion control and climate regulation. The need to mainstream biodiversity and ecosystem services more effectively into national and sectoral policies has recently gained renewed impetus on the global policy agenda. In line with the Convention on Biological Diversity and the 2011-2020 Aichi Biodiversity Targets, the 2030 Agenda for Sustainable Development places strong emphasis on biodiversity for achieving these global goals.</p> <p>The purpose of OECD (2018) Mainstreaming Biodiversity for Sustainable Development is to highlight examples of good practice, and remaining challenges, in four key areas. These areas are: mainstreaming</p>

	<p>biodiversity at the national level; mainstreaming biodiversity in the agriculture, forestry and fisheries sectors; development co-operation and biodiversity mainstreaming; and monitoring and evaluating biodiversity mainstreaming.</p> <p>Insights are drawn from 16 predominantly megadiverse countries (or those with biodiversity hotspots) as these countries host some of the richest and often most threatened biodiversity in the world. The countries examined also span the full range of income groups, from high-income economies such as Australia and France to lower-income economies such as Ethiopia and Madagascar.</p> <p>The report is intended for biodiversity policymakers and practitioners in developed and developing countries, as well as for development co-operation agencies and other national ministries. We hope this study will be of use as together we strive to develop better, more mainstreamed, biodiversity policies for better lives.” (p.2)</p>
21. Intended audience of resource	“Biodiversity policymakers and practitioners”
22. Process of development	
23. Organisation/structure/contents	<p>1 Mainstreaming Biodiversity- the international context</p> <p>2 Mainstreaming biodiversity at the national level</p> <p>3 Mainstreaming biodiversity in the agriculture, forestry and fisheries sectors</p> <p>4 Development co-operation and biodiversity mainstreaming</p> <p>5 Monitoring and evaluating biodiversity mainstreaming</p> <p>6 The way forward to improve biodiversity mainstreaming</p> <p>7 Biodiversity mainstreaming – a blueprint for action</p>
FRAMEWORKS	
24. Framework structure	<p>The blueprint for action in section 7 can be considered as a framework, that can be adapted to collections-based institutions and their organisations (further information for each heading is included in the resource):</p> <ul style="list-style-type: none"> • Establish a strong social and business case for biodiversity • Align policies on biodiversity for sustainable development • Develop monitoring and evaluation systems for mainstreaming

	<ul style="list-style-type: none"> Strengthen institutions and capacity Mobilise adequate financing for biodiversity
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)	
Peace	
Partnerships	X
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?	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 is strongly connected to SDG 15.9 (incorporate biodiversity values into planning), as well as SDGs 12.6 (adopt sustainable practices) and 12.7 (sustainable procurement), as well as 12.2 (sustainable use of natural resources), 12.8 and 4.7 and 13.3 (information and education for sustainable development and climate action). These support the protection of natural heritage (part of 11.4), sustainable use of marine resources (14.2),

	<p>sustainable fisheries (14.4), forest management (15.2), halt the decline of biodiversity (15.5) and protect and restore freshwater habitats (6.6). The resource can help identify biodiversity-related indicators that contribute to non-economic valuation (17.19). The section on food systems relates to SDG 2.4 (sustainable food production).</p>
<p>35. SDGs and SDG targets the resource helps advance</p>	
<p>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture 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 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 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>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>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 11. Make cities and human settlements inclusive, safe, resilient and sustainable 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 12 Ensure sustainable consumption and production patterns</p>	

<p>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 12.6 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 12.7 Promote public procurement practices that are sustainable, in accordance with national policies and priorities</p>	<p>Incorporation of sustainability considerations into procurement, in terms of advertisement and invitation to tender, contracts, and selection criteria for suppliers.</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 13.3 Improve education, awareness-raising and human and institutional capacity on climate change</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>mitigation, adaptation, impact reduction and early warning</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 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development 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>Proportion of marine and coastal areas in a good ecological condition</p> <p>Numbers of educational and awareness-raising programmes, research activities, and partnerships drawing on collections aiming to support protection of marine and coastal areas.</p>
<p>SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development 14.4 By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics</p>	<p>Number of activities drawing on collections that support sustainable management of fisheries.</p>
<p>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat</p>	

<p>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 15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species</p>	<p>Number and proportion of habitats, notably endangered habitats, and species with favourable conservation status, with special reference to locally, nationally and globally endangered species.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to habitats and species drawing on collections in place, to support their protection and continued existence.</p> <p>Measures taken to enhance biodiversity value of green space associated with collections institutions.</p>
<p>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>

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		Identification and implementation of measures for sustainable development incorporating social and environmental considerations. Identification and implementation of both quantitative and qualitative measures of sustainable development.			
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	