

<b>FORMAT</b>		
1. Name of resource	<b>Introductory Course to the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefit</b>	
2. Location	<a href="https://elearning.informea.org/">https://elearning.informea.org/</a>	
3. Alternative location		
4. Author[s]	United Nations	
5. Publisher/producer/host	United Nations	
6. Year		
7. Suggested citation	Introductory Course to the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefit, <a href="https://elearning.informea.org/">https://elearning.informea.org/</a>	
8. Languages in which available	English (online content translates automatically)	
9. Geographic area resource relates to	Global	
10. Does the resource relate to a specific time frame?		
<b>11. Type</b>	Report	
	Toolkit/Framework/Roadmap	
	Sign-post to other resource (database)	Yes
	Case studies	Yes
	Other	Yes, e-learning course, videos, quizzes
12. Part of an initiative?	INFORMEA	
<b>COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS</b>		
13. Explicit links to collections	Yes	
14. Explicit links to museums/libraries/archives	Yes	
<b>15. Types of institutions relevant to</b>	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,	X

	<b>geography and ethnology, anthropology, archaeology</b>	
	<b>Science, natural history, technology, medicine, engineering, manufacturing</b>	X
17. If no explicit links to collections, justification for inclusion		
<b>HOW IT CONTRIBUTES TO SUSTAINABLE DEVELOPMENT</b>		
<b>18. Collections-related activities the resource relates to (mark all that apply)</b>		
<b>Develop collections to protect and safeguard wider cultural and natural heritage more effectively</b> , for example by targeting collecting to threatened forms of heritage in strategic ways		X
<b>Use collections to promote learning and educational opportunities that contribute to sustainable development more effectively</b> , 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		
<b>Use collections to promote cultural participation/social inclusion more effectively</b> , for example by reducing barriers to participation, to ensure no-one is 'left behind'		X
<b>Use collections to promote sustainable tourism more effectively</b> , for example by developing new products based on local cultural heritage, and/or considering the rights of stakeholder groups in relation to collections		
<b>Use collections to support research that contributes to sustainable development</b> (including all forms of personal and self-directed research at all levels that make use of stored collections) more effectively, for example by providing effective facilities, collections and information to meet researchers' needs		X
<b>Make decisions around collections that contribute to sustainable development more effectively</b>		X
i. employment (recruiting, staff training, staff safety)		
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		X
vi. governance and management		X
vii. security, disaster preparedness and risk reduction		

<b>Direct external leadership, partnerships and collaborations towards sustainable development more effectively</b> , for example by developing impactful partnerships	X
<b>19. Does the resource relate clearly to any international conventions (mark all that apply)?</b>	
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	X
2001 Protection of the Underwater Cultural Heritage	
2003 Safeguarding of the Intangible Cultural Heritage	X
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
<b>AIMS AND CONTENT</b>	
<b>20. What issues does the resource aim to address?</b>	<p> <b>“The way in which genetic resources are accessed, and how the benefits of their use are shared, can create incentives for their conservation and sustainable use, and can contribute to the creation of a fairer and more equitable economy to support sustainable development. This course introduces you to the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization, which is a Protocol to the Convention on Biological Diversity that creates greater legal certainty and transparency for both providers and users of genetic resources and traditional knowledge associated with genetic resources.</b> </p> <p> <b>At the end of this course, you will be able to:</b>  <b>1. Identify the core components and mechanisms established by the Nagoya Protocol” (Syllabus)</b> </p>
21. Intended audience of resource	
22. Process of development	
23. Organisation/structure/contents	<p>         “The e-learning course is comprised of 2 lessons, which provide links to the relevant treaty text paragraphs and term concepts of the InforMEA Glossary section. The lessons are organized in books, which can be downloaded in pdf form from the left-hand navigation menu.       </p>

	<p>The core content of these lessons is complemented with additional materials, such as videos, publication and/or external websites.</p> <p>It will take you 1 hour approximately to complete the course, excluding additional materials. You can manage your time as you wish; take a few units and retake the course whenever it is more convenient for you” (Syllabus p.2)</p> <p><b>Unit 1 – Introduction</b></p> <p>1.Negotiation and adoption on the Nagoya Protocol 2. Objective and Scope</p> <p>Learning objectives: 1. Describe the origins and main objective of the Nagoya Protocol</p> <p><b>Unit 2 – Major Components of the Nagoya Protocol</b></p> <p>1. Access to genetic resources 2. Fair and Equitable Sharing of Benefits 3. Traditional knowledge associated with genetic resources 4. Access and Benefit-sharing Clearing-House 5. Compliance with domestic ABS measures and Mutually Agreed Terms Domestic Legislation Mutually Agreed Terms 6. Compliance with the Protocol 7. Institutional Arrangements 8. Financial Mechanism</p> <p>Learning objectives: 1. Identify the core components and mechanisms established by the Nagoya Protocol</p>
<b>FRAMEWORKS</b>	
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
<b>28. ASPECTS OF SUSTAINABILITY COVERED BY RESOURCE (mark all that apply)</b>	
People (social sustainability)	X
Planet (environmental sustainability)	X
Prosperity (economic sustainability)	X

Peace	X
Partnerships	X
<b>29. CROSS-CUTTING CONSIDERATIONS COVERED BY RESOURCE (mark all that apply)</b>	
Gender perspectives	
North and South perspectives	X
<b>HOW THE RESOURCE CONTRIBUTES TO AGENDA 2030 AND THE SDGs</b>	
<b>HOW AGENDA 2030 AND THE SDGs FEATURE IN THE RESOURCE</b>	
30. SDGs and Agenda 2030 specifically mentioned?	No
31. SDGs specifically mentioned?	No
32. SDG targets specifically mentioned?	No
33. SDG indicators specifically mentioned?	No
<b>SDGs AND SDG TARGETS AND LINKAGES</b>	
34. Comments on SDG linkages	Access and benefits sharing of genetic resources is the subject of two SDG targets, SDGs 2.5 and 15.6. These are also related to SDG 1.4 (equal access to property including heritage), 10.2 (promoting social inclusion), 11.4 (strengthen efforts to protect and safeguard cultural and natural heritage) and SDG 16.3 (upholding the rule of law), and 16.6 (transparent, effective and accountable institutions), 16.10 (access to information and protecting fundamental freedoms, which includes property rights) and 16.B (promote laws and policies for sustainable development), which also support SDGs 17.14 (policy coherence), 17.16 and 17.17 (multistakeholder partnerships internationally and nationally). The resource can help develop skills for those working with collections (4.4). Ensuring infrastructure (which can include collections) supports economic development and wellbeing supports SDG 9.1. Supporting financial flows supports SDGs 15.A and 17.3.
<b>35. SDGs and SDG targets the resource helps advance</b>	
<b>SDG 1: End poverty in all its forms everywhere</b> 1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access	Numbers and proportions of people from particular groups using collections in comparison with demographics in broader society.  Numbers of people accessing collections.

<p>to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance</p>	<p>Number of targeted programmes that aim to enhance access to collections by disadvantaged groups.</p> <p>Sustainable tourism that enhances local communities' access to basic services, ownership and control over land and other forms of property (including cultural and natural heritage), as well as to technology and markets.</p> <p>Involvement of people from disadvantaged groups in decision-making activities and processes relating to collections and collections-based institutions.</p>
<p><b>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</b>  2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including 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>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>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><b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b></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><b>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</b></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><b>SDG 10. Reduce inequality within and between countries</b></p> <p>10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status</p>	<p>Collections development to ensure that collections effectively meet the needs of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status.</p> <p>Number and proportion of educational and participatory programmes that promote participation irrespective of social or other status.</p> <p>Numbers and proportions of people making use of collections in relation to the demographic of the local population.</p>

	<p>Numbers and proportions of people involved in focused programmes aimed at promoting social, economic and political inclusion.</p> <p>Numbers and proportions of people from different demographic groups involved in decision-making processes relating to collections and collections-based institutions.</p> <p>Number and types of partnerships that build relationships with marginalized groups, individuals and communities.</p>
<p><b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b>  <b>11.4 Strengthen efforts to protect and safeguard the world’s cultural and natural heritage</b></p>	<p><b><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></b></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><b>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</b>  <b>15.6 Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote</b></p>	<p>Policies, plans and agreements in place for access and benefit sharing relating to use of collections, in line with the Nagoya Protocol (notably relating to natural history collections, gene banks, tissue banks, seed banks).</p> <p>Effective communication and dissemination methods in place to promote access to resources, and access to relevant policies, plans and agreements, in place.</p>

<p>appropriate access to such resources, as internationally agreed</p>	
<p><b>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</b> 15.A Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems</p>	<p>Revenue generated to conserve and sustainably use biodiversity and ecosystems.</p> <p>Direct financial support given to projects and organisations for conservation and/or sustainable use of biodiversity and ecosystems.</p>
<p><b>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.</b> 16.3 Promote the rule of law at the national and international levels and ensure equal access to justice for all</p>	<p>Collections development that relates to the rule of law, equality before the law, and justice for all.</p> <p>Number of activities drawing on collections, for example educational, research and partnership activities, that promote the rule of law at national and international levels, and that promote a culture of lawfulness, and the right of all to justice.</p>
<p><b>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.</b> 16.6 Develop effective, accountable and transparent institutions at all levels</p>	<p><b>16.6.2 Proportion of the population [audience/users/non-users] satisfied with their last experience of public services</b> Access to information, and accountability policies and mechanisms, in place.</p> <p>Effective institutional arrangements, both for own working and for working in partnership with other sectors, in place.</p> <p>Plans and arrangements in place for extraordinary circumstances such as natural and human-caused disasters.</p> <p>Effective arrangements in place to fulfil legal and social obligations and responsibilities.</p> <p>Effective arrangements in place for transparent communication and reporting of institutional performance.</p>

	Effective arrangements in place for transparent decision-making and accountability.
<p><b>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.</b></p> <p>16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements</p>	<p>Adopt and implement constitutional, statutory and/or policy guarantees for public access to information.</p> <p>Plans in place, and plans implemented to enhance public access to information relating to collections.</p> <p>Plans in place, and plans implemented to support fundamental freedoms, in line with human rights, national 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>
<p><b>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.</b></p> <p>16.B Promote and enforce non-discriminatory laws and policies for sustainable development</p>	<p><b><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></b></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><b>SDG 17. Partnerships for the goals</b></p> <p>17.3 Mobilize additional financial resources for developing countries from multiple sources</p>	Amount of financial support provided to support sustainable development initiatives in developing countries.
<p><b>SDG 17. Partnerships for the goals</b></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>

<p><b>SDG 17. Partnerships for the goals</b></p> <p>17.16 Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries</p>		<p>Number and/or increase in number, and diversity of global and international multi-stakeholder partnerships that share collection-related knowledge, expertise, technology and financial resources to address the SDGs, or that otherwise involve collections-based organisations and institutions.</p> <p>Number and/or increase in number, and diversity of global and international multi-stakeholder partnerships involving developing countries that share collection-related knowledge, expertise, technology and financial resources to address the SDGs.</p>			
<p><b>SDG 17. Partnerships for the goals</b></p> <p>17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships</p>		<p><b><i>17.17.1 Amount of United States dollars committed to public-private and civil society partnerships</i></b></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>			
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	