

<b>FORMAT</b>		
1. Name of resource	<b>Managing Low-cost Digitization Projects in Least Developed Countries and Small Island Developing States - A Manual</b>	
2. Location	<a href="https://unesdoc.unesco.org/ark:/48223/pf0000380165?posInSet=42&amp;queryId=7b5dc9f5-5383-44d2-81ef-ce6dbed7d178">https://unesdoc.unesco.org/ark:/48223/pf0000380165?posInSet=42&amp;queryId=7b5dc9f5-5383-44d2-81ef-ce6dbed7d178</a>	
3. Alternative location		
4. Author[s]	United Nations Educational, Scientific and Cultural Organization (UNESCO)	
5. Publisher/producer/host	UNESCO	
6. Year	2021	
7. Suggested citation	UNESCO (2021). Managing Low-cost Digitalization Projects in Least Developed Countries and Small Island Developing States – A Manual. Retrieved at <a href="https://unesdoc.unesco.org/ark:/48223/pf0000380165?posInSet=42&amp;queryId=7b5dc9f5-5383-44d2-81ef-ce6dbed7d178">https://unesdoc.unesco.org/ark:/48223/pf0000380165?posInSet=42&amp;queryId=7b5dc9f5-5383-44d2-81ef-ce6dbed7d178</a>	
8. Languages in which available	English	
9. Geographic area resource relates to	Least Developed Countries (LDCs) and Small Island Developing States (SIDS)	
10. Does the resource relate to a specific time frame?	No	
<b>11. Type</b>	Report	
	Toolkit/Framework/Roadmap	X
	Sign-post to other resource (database)	
	Case studies	
	Other	
12. If this is part of an initiative, what is the initiative?	A publication under the Memory of the World (MoW) Programme.	
<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 the resource covers</b>	<b>Museums</b>	X
	<b>Archives</b>	X
	<b>Libraries</b>	X
	<b>Other</b>	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		
<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		X
<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>		
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	X
vi. governance and management	X
vii. security, disaster preparedness and risk reduction	X
<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	X
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	
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)	
<b>AIMS AND CONTENT</b>	
<b>20. What issues does the resource aim to address?</b>	“A key issue is the inability – often associated with budgetary constraints – to undertake large-scale digitization projects which can enable their libraries, archives, museums and other holding places to continue providing services in health emergencies that require little or no physical movement by the provider and the user. This publication fills this gap by i) providing such memory institutions with state-of-the-art technical information on how to manage low-cost digitization projects; and ii) highlighting existing resource opportunities and partnerships for such digitization projects.” (Short Summary)
21. Intended audience of resource	Museum, library, archive, gallery staff and professionals who manage documentary heritage in Least Developed Countries (LDCs) and Small Island Developing States (SIDS)
22. Process of development	“Digitization of documentary heritage is an essential pillar of achieving the aim of the MoW Programme. In particular, the demand for the digitization of documentary heritage is on the rise in the wake of coronavirus disease (COVID-19), which has resulted in suspended and more limited access to documentary heritage across the globe.” (P. 9)
23. Organisation/structure	Short Summary

re/contents	<p>Table of Contents</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Preservation of digital heritage</li> <li>3. Framing digitization in the context of LDCs and SIDS</li> <li>4. Initiating and managing effective digitization projects essential guidelines</li> <li>5. Affordable and robust digitalization solution – examples and analysis of technological and educational needs</li> <li>6. Digitization for preservation</li> <li>7. Practical guide and recommendations on managing low-cost digitization</li> <li>8. ICDH and digitization of documentary heritage in less resourced countries</li> </ol>
<b>FRAMEWORKS</b>	
1. Framework structure	
2. Relevant policy considerations	
3. Resources for implementation identified	Yes
4. Specific assessment points/indicators/milestones/action plan for monitoring	
<b>5. 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>6. 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>	
7. SDGs and Agenda 2030 specifically mentioned?	Yes
8. SDGs specifically mentioned?	Yes, SDG 4 (quality education), SDG 11 (sustainable cities and communities), and SGD 16 peace, justice and strong institutions

9. SDG targets specifically mentioned?	<p>Yes, “SDG 16, Target 10: ‘Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements’,</p> <p>SDG 17/Target 9: ‘Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the sustainable development goals, including through North-South, South-South and triangular cooperation. Strengthen the means of implementation and revitalize the global partnership for sustainable development with technology, science and capacity building. And further: affordable technological solutions have to be developed and disseminated widely.” (P. 55)</p>
10. SDG indicators specifically mentioned?	No
<b>SDGs AND SDG TARGETS AND LINKAGES</b>	
11. Comments on SDG linkages	<p>This open-access resource helps its target audience to address several SDG targets, including 4.A (inclusive and effective learning environment for all), 9.5 (enhanced facilities and technological upgrades for researchers), 11.4 (strengthen efforts to protect various forms of documentary heritage), 16.10 (public access to information and digitized collections), 17.8 (increase innovation capacity), and 17.9 (enhance international support for developing countries).</p>
<b>12. SDGs and SDG targets the resource helps advance</b>	
<p><b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b></p> <p>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>	<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>
<p><b>SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization</b></p>	<p>Number and proportion of collections facilities that effectively support research and researchers.</p>

<p>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</p>	<p>Number and proportion of staff who are appropriately skilled to undertake and support collections-based research.</p> <p>Expenditure on initiatives to enhance and upgrade collections facilities.</p> <p>Numbers of staff engaged in to supporting and developing research use based on collections.</p> <p>Number of initiatives to encourage innovation drawing on collections.</p> <p>Increase in number of research and development workers per 1 million people.</p> <p>Increase in public and private research and development spending being used to develop and make use of collections.</p>
<p><b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b> 11.4 Strengthen efforts to protect and safeguard the world’s cultural and natural heritage</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 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice</b></p>	<p>Adopt and implement constitutional, statutory and/or policy guarantees for public access to information.</p>

<p><b>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>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><b>SDG 17. Partnerships for the goals</b></p> <p>17.8 Strengthen the science, technology and innovation capacity for least-developed countries (fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology)</p>		<p>International financial and other forms of support for science, technology and innovation in least-developed countries, notably from Global North countries, and in relation to information and communications technology.</p>			
<p><b>SDG 17. Partnerships for the goals</b></p> <p>17.9 Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the Sustainable Development Goals, including through North-South, South-South and triangular cooperation</p>		<p>Number and diversity of international capacity-building activities to aid implementation of each and all of the SDGs.</p> <p>Number and diversity of North-South, South-South, and/or triangular co-operations and partnerships to aid implementation of each and all of the SDGs.</p> <p>Number and diversity of international capacity building programmes to aid implementation of each and all of the SDGs in Global South countries.</p> <p>Financial and other forms of support to implement these programmes.</p>			
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7	8	9	10	11	12
13	14	15	16	17	