

FORMAT		
1. Name of resource	Green Library Checklist: Sustainable buildings, equipment, and management	
2. Location	https://www.ifla.org/publications/node/12621	
3. Alternative location	https://www.ifla.org/publications/ifla-publications-series-161	
4. Author[s]	P. Hauke, K. Latimer (eds.), K. U. Werner (translator)	
5. Publisher/producer/host	International Federation of Libraries and Archives (IFLA)	
6. Year	2013	
7. Suggested citation	Hauke, P., Latimer K. and K. U. Werner (2013). Green Library Checklist: Sustainable buildings, equipment, and management. IFLA, available at https://www.ifla.org/publications/node/12621 .	
8. Languages in which available	English, German (original), Arabic, Chinese, Catalan, Croatian, Czech, Farsi, Finnish, French, Hindi, Hungarian, Indonesian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Spanish, Swahili, Swedish, Thai, Turkish, Uzbek	
9. Geographic area resource relates to	International	
10. Does the resource relate to a specific time frame?		
11. Type	Report	
	Toolkit/Framework/Roadmap	YES
	Sign-post to other resource (database)	
	Case studies	
	Other	
12. If this is part of an initiative, what is the initiative?	"The Checklist is a part of The Green Library = Die grüne Bibliothek. The challenge of environmental sustainability/ed. on behalf of IFLA by Petra Hauke, Karen Latimer and Klaus Ulrich Werner. München/Boston: De Gruyter Saur, 2013. VIII, 433 pp., ill. (IFLA Publications, 161) ISBN 978-3-11-030972-0."	
COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS		
13. Explicit links to collections	Yes	
14. Explicit links to museums/libraries/archives	Yes	
15. Types of institutions	Museums	X

the resource covers	Archives	X
	Libraries	X
	Other	X
16. Types of collections/disciplines the resource covers	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		
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		
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)		

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	
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	
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>“For any construction project, just as for any complex undertaking in general, a checklist provides a useful means of confirming that everything has been considered. Although it cannot claim to be exhaustive, the following list of aspects of planning, construction, and also library operation, is designed to help ensure that everything has been considered...</p> <p>The checklist covers the green building project planning, financing, site selection, structure, construction, materials, climate, energy management, recycling as well as green information and communication technology (Green IT), User services, Library facility management, strategic goals, marketing and PR, Green building certificates and more.”</p>
21. Intended audience of resource	“This checklist is equally helpful for the green library project planners, managers, students, researchers, analyst, and policymakers.”
22. Process of development	[This Checklist was developed by IFLA’s Environment, Sustainability, and Libraries Special Interest Group (now

	<p>permanent Section), and was originally published in the IFLA Publication: “The Green Library = Die grüne Bibliothek. The challenge of environmental sustainability”. It has since been translated in to all official IFLA languages and many others.]</p>
<p>23. Organisation/structure/contents</p>	<p>Sub-headings for the checklist include:</p> <ol style="list-style-type: none"> 1. Project planning, finance 2. Tendering 3. Site / location 4. Construction 5. The building <ol style="list-style-type: none"> 5.1 Structure 5.2 Facades 5.3 Building materials 5.4 Building climate 5.5. Energy, light 6. Interior fittings: source, durability, cleaning capabilities, recycling 7. Green information and communication technology (Green IT) 8. User services 9. Library management <ol style="list-style-type: none"> 9.1 Environmental management certificates (ISO 14000) 9.2 Facilities management 9.3 The green library office 10. Strategic goals
<p>FRAMEWORKS</p>	
<p>24. Framework structure</p>	<p>The sub-headings of the checklist can be considered as a framework:</p> <p>Sub-headings for the checklist include:</p> <ol style="list-style-type: none"> 1. Project planning, finance 2. Tendering 3. Site / location 4. Construction 5. The building <ol style="list-style-type: none"> 5.1 Structure 5.2 Facades 5.3 Building materials 5.4 Building climate 5.5. Energy, light 6. Interior fittings: source, durability, cleaning capabilities, recycling 7. Green information and communication technology (Green IT) 8. User services 9. Library management <ol style="list-style-type: none"> 9.1 Environmental management certificates (ISO 14000)

	9.2 Facilities management 9.3 The green library office 10. Strategic goals
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	
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 specifically mentioned?	No
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	The resource is most closely linked to SDG 12.6 (adopt sustainable practices and reporting), which helps support a number of targets around the sustainable use of natural resources (SDG 12.2), managing chemicals and wastes (SDG 12.4), reducing waste generation (SDG 12.5) and SDG 12.7 (sustainable procurement), and SDG 13.3. (contributing to climate action). Development of sustainable infrastructure

	supports SDG 9.1 and retrofitting infrastructure supports SDG 9.4; using renewable energy supports SDG 7.1, and enhancing energy efficiency supports SDG 7.2.
35. SDGs and SDG targets the resource helps advance	
SDG 7. Ensure access to affordable, reliable, sustainable and modern energy for all 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix	Proportion of energy that comes from renewable sources. Date to achieve net zero, and milestones towards that 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 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 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	Development of research-useful collections to support reliable, sustainable and resilient use by researchers and others. Number and proportion of collections facilities and stores that support economic development and human well-being. Number and proportion of collections facilities and stores that provide affordable and equitable access for all. Investment in collections facilities. Inclusion of collections information in regional and transborder initiatives, notably via digital access for discoverability.
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 9.4 By 2030, upgrade infrastructure and retrofit industries to make them	Number and proportion of collections facilities that: <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 of all forms. 2. use clean and environmentally sound technologies, including climate-friendly energy sources and materials,

<p>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>with an ongoing commitment to reduce greenhouse gas emissions and waste of all forms.</p> <p>3. adopt and/or prioritise collections-related processes and practices to reduce greenhouse gas emissions and waste of all forms.</p>
<p>SDG 12 Ensure sustainable consumption and production patterns SDG 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 12.4 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 and harmful wastes of all kinds 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 reuse</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>
<p>SDG 12 Ensure sustainable consumption and production patterns 12.6 Encourage companies, especially large and transnational companies, to</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</p>

<p>adopt sustainable practices and to integrate sustainability information into their reporting cycle</p>	<p>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 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 warning</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>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>				
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	