



The Role of the Library in Promoting the SDGs

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Overview of the presentation:

- The UN 2030 Agenda and the 17 Sustainable Development Goals (SDGs)
- SDGs and what do they mean to libraries
- How libraries contribute to sustainable development and SDGs
- Open access (OA) and libraries
- New roles for librarians and information professionals



**Transforming
our world: the
2030 Agenda
for Sustainable
Development**



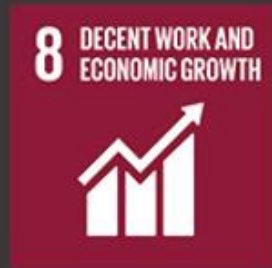
The Goals represent a “universal, transformative and integrated agenda that heralds a historic point for our world.” – United Nations Secretary General, Ban Ki-moon.

Sustainability

- capacity to endure and continue
- aimed at preserving resources
- can be about natural resources
- new spaces for other resources



LIBRARIES, DEVELOPMENT AND THE UN2030 AGENDA



Libraries, Access to Information, and the SDGs (IFLA, 2015)

- Libraries support universal literacy (information, digital, media) with the support of trained and skilled library staff
- Close the gaps in access to information and help the government, civil society, and economies to understand local information better
- Provide networks of delivery sites for government programs and services
- Promote digital inclusion through access to ICT
- The Library as the heart of the research and academic community
- Preserving and providing access to the world's culture and heritage

1 NO POVERTY



Libraries and OA support this goal by providing:

- Public access to research data and information, and resources that give people opportunities to improve their lives
- Facilitate learning and getting new skills needed for education and employment
- Information to support decision-making by government, civil society, and businesses to combat poverty

2 ZERO HUNGER



Libraries and OA support this goal by providing:

- Access to agricultural research data and latest technical information on how to make crops more productive and sustainable
- Public access for farmers to online resources like local market prices, weather reports, and new equipment

3 GOOD HEALTH AND WELL-BEING



Libraries and OA support this goal by providing:

- Access to most recent findings in health and medical journals, both for technical information and in support of developing and policies and strategies
- Research available in medical and hospital libraries that supports education and improves medical practice for health care providers

4 QUALITY EDUCATION



Libraries and OA support this goal by providing:

- Dedicated staff who support and facilitate early literacy and lifelong learning
- Access to information and research for students everywhere
- Inclusive spaces where cost is not a barrier to acquiring new knowledge and skills

5 GENDER EQUALITY



Libraries and OA support this goal by providing:

- Safe and welcoming meeting spaces
- Access to information in support of the continuing broad and deeper discussion, and for policy development of gender related issues

6 CLEAN WATER AND SANITATION



- ***Libraries and OA support this goal by providing:***

Access to quality information and good practices that support local water management and sanitation projects

Access to research and data for policy development and project formulation

7 AFFORDABLE AND CLEAN ENERGY



Libraries and OA support this goal by:

- Free and reliable access to electricity and light for spaces to read, study and work
- Access to research and data for policy development and project formulation

8 DECENT WORK AND ECONOMIC GROWTH



***Libraries and OA support
this goal by providing:***

- Access to information and skills training that people need to find, apply for, and succeed in better jobs
- Access to research and data in support of commercial development

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Libraries and OA support this goal by providing:

- Widespread existing infrastructure of public and research libraries and skilled library professionals
- Welcoming and inclusive public spaces
- Access to ICT like high-speed internet that may not be available anywhere else

10 REDUCED INEQUALITIES



Libraries and OA support this goal by providing:

- Neutral and welcoming spaces that make learning accessible to all, including marginalized groups like migrants, refugees, minorities, indigenous peoples, and persons with disabilities
- Access to research and data irrespective of geographical location and financial status, for equitable access

11 SUSTAINABLE CITIES AND COMMUNITIES



Libraries and OA support this goal by providing:

- Trusted institutions devoted to promoting cultural inclusion and understanding
- Documentation and preservation of cultural heritage for future generations
- Access to research and data for cultural and social awareness

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Libraries and OA support this goal by providing:

- Spaces that support sustainable system of sharing and circulating materials that reduces waste.
- Access to research and data to enhance awareness of issues and foster discussion

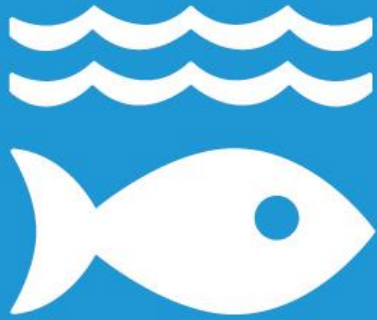
13 CLIMATE ACTION



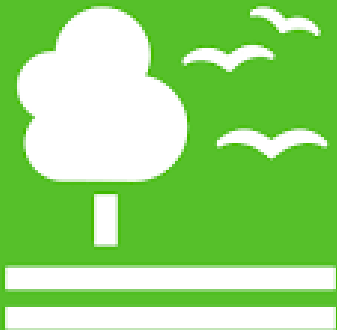
Libraries and OA support this goal by providing:

- Historical records about coastal change and land use
- Research and data needed in formulating climate change policy
- Access to information for project formulation and mitigation strategies

14 LIFE BELOW WATER



15 LIFE ON LAND



Libraries and OA support these goals by providing:

- Access to information needed to guide decision making by local and national government on topics like hunting, fishing, land use, and water management
- Access to research and data to enhance awareness of issues and foster discussion
- Access to information for project formulation and mitigation strategies

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



Libraries and OA support this goal by providing:

- Public access to information about government, civil society, and other institutions
- Training in the skills needed to understand and use this information
- Inclusive, politically neutral spaces for people to meet and organize

Access to information

Target 16.10: Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements.

“...in sustainable development, everyone is a user and provider of information considered in the broad sense.

That includes data, information, experience and knowledge.

The need for information arises at all levels, from that of senior decision-maker at the national and international levels to the grass-roots and individual levels.”

- <https://sustainabledevelopment.un.org/topics/information-integrated-decision-making-and-participation>

17 PARTNERSHIPS FOR THE GOALS



Libraries and OA support this goal by providing:

- OA repositories in support of local initiatives
- Global network of community based institutions, primed to support local development plans
- Shared research and data that reflects collaboration and partnerships for sustainable development

LIBRARIES CAN DRIVE PROGRESS ACROSS THE ENTIRE UN 2030 AGENDA



IFLA

The trusted global voice of the library and information profession (www.ifla.org).

The International Federation of Library Associations and Institutions (IFLA) is the leading international body representing the interests of library and information services and their users.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS



END POVERTY IN ALL ITS FORMS EVERYWHERE

Libraries support this goal by providing...

- Public access to information and resources that give people opportunities to improve their lives
- Training in new skills needed for education and employment
- Information to support decision-making by governments, civil society, and businesses to combat poverty



ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES

Libraries support this goal by providing...

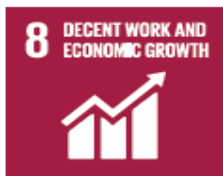
- Research available in medical and hospital libraries that supports education and improves medical practice for health care providers
- Public access to health and wellness information in public libraries that helps individuals and families stay healthy



ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS

Libraries support this goal by providing...

- Safe and welcoming meeting spaces
- Programmes and services designed to meet the needs of women and girls, like rights and health
- Access to information and ICT that helps women build business skills



PROMOTE SUSTAINED, INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH, FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL

Libraries support this goal by providing...

- Access to information and skills training that people need to find, apply for, and succeed in better jobs



END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

Libraries support this goal by providing...

- Agricultural research and data on how to make crops more productive and sustainable
- Public access for farmers to online resources like local market prices, weather reports, and new equipment



ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL

Libraries support this goal by providing...

- Dedicated staff who support early literacy and lifelong learning
- Access to information and research for students everywhere
- Inclusive spaces where cost is not a barrier to new knowledge and skills



ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL

Libraries support these goals by providing...

- Access to quality information and good practices that support local water management and sanitation projects
- Free and reliable access to electricity and light to read, study, and work



BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION AND FOSTER INNOVATION

Libraries support this goal by providing...

- Widespread existing infrastructure of public and research libraries and skilled library professionals
- Welcoming and inclusive public spaces
- Access to ICT like high-speed internet that may not be available anywhere else



MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE

Libraries support this goal by providing...

- Trusted institutions devoted to promoting cultural inclusion and understanding
- Documentation and preservation of cultural heritage for future generations



PROMOTE PEACEFUL AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT, PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE, ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS

Libraries support this goal by providing...

- Public access to information about government, civil society, and other institutions
- Training in the skills needed to understand and use this information
- Inclusive, politically neutral spaces for people to meet and organise



STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALISE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT

Libraries support this goal by providing...

- Global network of community-based institutions, primed to support local development plans



REDUCE INEQUALITY WITHIN AND AMONG COUNTRIES

Libraries support this goal by providing...

- Neutral and welcoming spaces that make learning accessible to all, including marginalized groups like migrants, refugees, minorities, indigenous peoples, and persons with disabilities
- Equitable access to information that supports social, political, and economic inclusion



ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

CONSERVE AND SUSTAINABLY USE THE OCEANS, SEAS AND MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT



PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS

Libraries support these goals by providing...

- Sustainable system of sharing and circulating materials that reduces waste
- Historical records about coastal change and land use
- Research and data needed to inform climate change policy
- Widespread access to information needed to guide decision-making by local and national governments on topics like hunting, fishing, land use, and water management

Sustainability

Smart Libraries

Open Access

Smart

- Efficient
- Sustainable
- Equitable
- Habitable
- Instrumented and networked

Smart Library

- Library fitted with technology
- With or without staff and still available to the public
- With transformed operations and services through the integration of strategic design and implementation of advanced technologies
- Cloud computing, data mining, artificial intelligence (AI), smart technologies, i.e. drones, 3D printing, IoT, RFID

Making the library smart (Baryshev, et al)

1. Creation of smart environments
2. Mobile access
3. Creation of new knowledge
4. Adaptability
5. Smart technologies for content information
6. Smart detection of knowledge
7. Smart and innovative services

Skills required to survive 4th Industrial Revolution (4thIR)

- Information and media literacy
- Analytical thinking skills
- Emotional intelligence
- Data literacy
- Systems analysis
- Design, program and project management skills

Libraries and Open Access

- *“There is an absolute need to remove restrictions to disseminate research output to intended stakeholders, irrespective of their geographic and financial status of those institutions and individuals seeking Information” (UNESCO, 2015)*
- *“As the world enters a new era of sustainable development, openness and inclusiveness in scientific research will become increasingly critical” (COAR, 2016)*
- *“... open access has led to a vast refocusing of services for academic libraries around the world with a significant proportion of research being produced by their academic and research community, which then published every year” (Mamtora and Pandey, 2018)*



New roles for librarians and information professionals

- Assist authors with rights and permissions
- Maintain scholarly communication websites
- Organizers of workshops on copyright issues and digital scholarship
- Advocates and initiators of discussions and shaping of Open Access (OA) policies
- As educators and trainers for other librarians and students

Open Access and Sustainability

- OA is key to achieving the SDGs, which are reliant on improved access to information and knowledge
- There is a clear link between OA and access to information, and sustainable development
- OA ensures that there are knowledge gained
- OA benefits can match each of the 17 SDGs

“There is no sustainable development without access to information. And there is no meaningful, inclusive access to information without libraries.” – *Donna Scheeder, IFLA President*



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QUESTIONS?