

IFLA/ENSULIB presents

# Green and Sustainable Academic Libraries Facing the UN Agenda 2030 in the Post-COVID Era

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IFLA Environment, Sustainability and Libraries Section (ENSULIB)

Netzwerk Grüne Bibliothek (German Green Library Network)

28<sup>th</sup> Panhellenic Academic Libraries Conference

Ionian University, Corfu, October 19-21, 2022

**“Green and sustainable academic libraries in the post-COVID era”**

IFLA Section  
Environment,  
Sustainability and Libraries

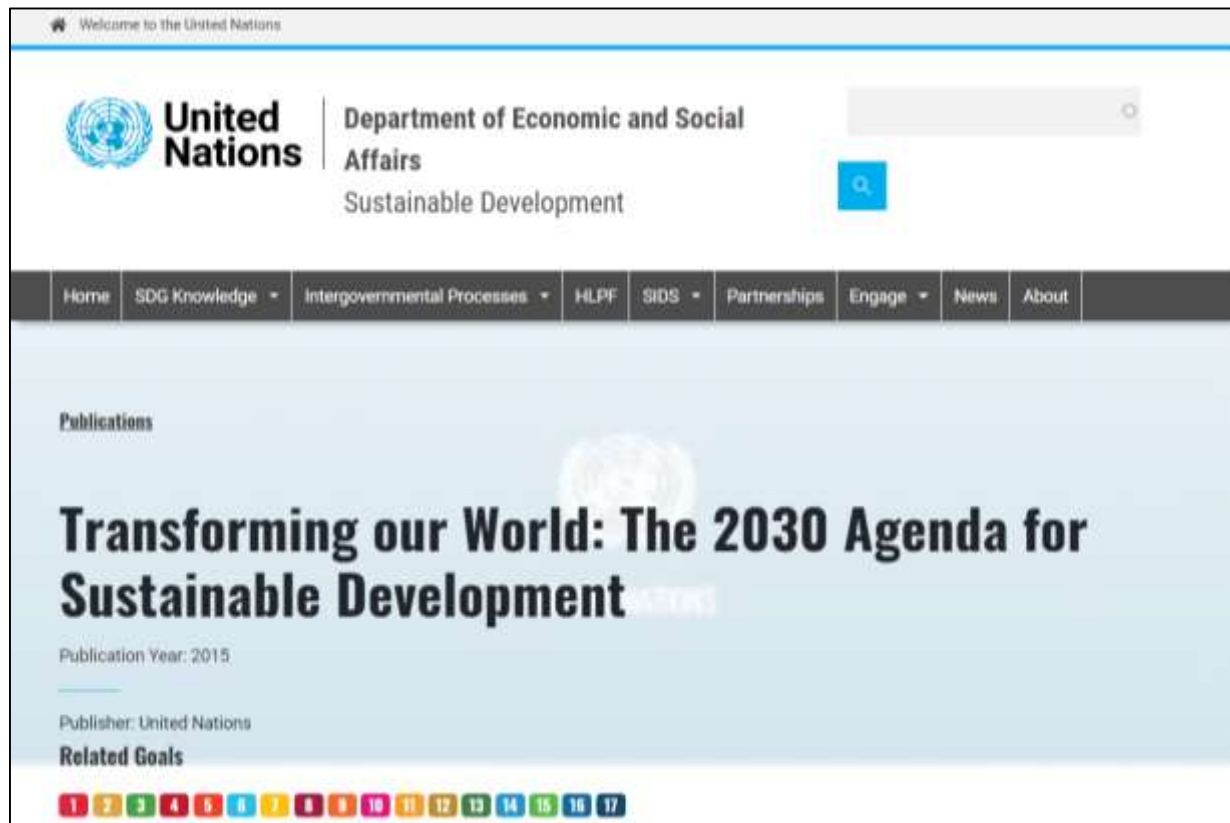


# Agenda



- Introduction: United Nations Agenda 2030
- Libraries: essential partners for the Agenda 2030
- IFLA Library Map of the World: SDG Stories
  - UCC Library, Cork, Ireland
- IFLA / ENSULIB
- What is a Green Library?
  - Definition
  - Examples
- Let's go green – outside the library box!

# United Nations Agenda 2030



- Published 2015
- 17 Goals adopted by all United Nations Member States
- 15-year plan to achieve the 17 Goals
- Universal call to all to **action**
- To end poverty, protect the planet and improve the lives and prospects of everyone, everywhere

**1** ΜΗΔΕΝΙΚΗ ΦΤΩΧΕΙΑ



**2** ΜΗΔΕΝΙΚΗ ΠΕΙΝΑ



**3** ΚΑΛΗ ΥΓΕΙΑ ΚΑΙ ΕΥΗΜΕΡΙΑ



**4** ΠΟΙΟΤΙΚΗ ΕΚΠΑΙΔΕΥΣΗ



**5** ΙΣΟΤΗΤΑ ΤΩΝ ΦΥΛΩΝ



**6** ΚΑΘΑΡΟ ΝΕΡΟ - ΑΠΟΧΕΤΕΥΣΗ



**7** ΦΤΗΝΗ ΚΑΙ ΚΑΘΑΡΗ ΕΝΕΡΓΕΙΑ



**8** ΑΞΙΟΠΡΕΠΗΣ ΕΡΓΑΣΙΑ ΚΑΙ ΟΙΚΟΝΟΜΙΚΗ ΑΝΑΠΤΥΞΗ



**9** ΒΙΟΜΗΧΑΝΙΑ, ΚΑΙΝΟΤΟΜΙΑ ΚΑΙ ΥΠΟΔΟΜΕΣ



**10** ΛΙΓΟΤΕΡΕΣ ΑΝΙΣΟΤΗΤΕΣ



**11** ΒΙΩΣΙΜΕΣ ΠΟΛΕΙΣ ΚΑΙ ΚΟΙΝΟΤΗΤΕΣ



**12** ΥΠΕΥΘΥΝΗ ΚΑΤΑΝΑΛΩΣΗ ΚΑΙ ΠΑΡΑΓΩΓΗ



**13** ΔΡΑΣΗ ΓΙΑ ΤΟ ΚΛΙΜΑ



**14** ΖΩΗ ΣΤΟ ΝΕΡΟ



**15** ΖΩΗ ΣΤΗ ΣΤΕΡΙΑ



**16** ΕΙΡΗΝΗ, ΔΙΚΑΙΟΣΥΝΗ ΚΑΙ ΙΣΧΥΡΟΙ ΘΕΣΜΟΙ



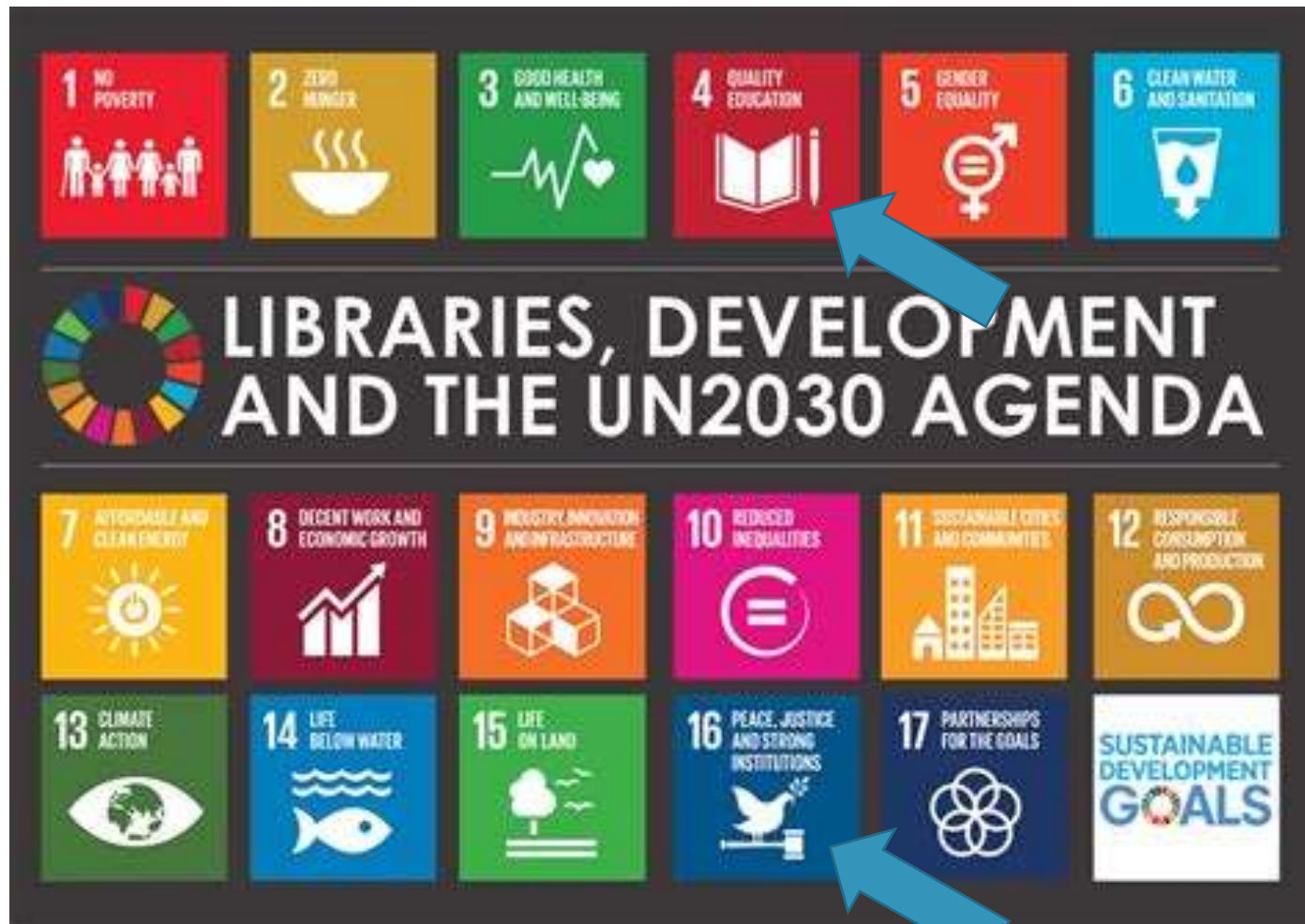
**17** ΣΥΝΕΡΓΑΣΙΑ ΓΙΑ ΤΟΥΣ ΣΤΟΧΟΥΣ



**ΒΙΩΣΙΜΟΙ ΑΝΑΠΤΥΞΙΑΚΟΙ ΣΤΟΧΟΙ**



# IFLA - the Global Voice of Libraries and Their Users



IFLA involved with the creation of the UN Agenda 2030

- advocating for inclusion of
  - access to information,
  - safeguarding of cultural heritage,
  - universal literacy,
  - and access to information and communication technologies (ICT)

# Covid-19 vs. SDGs – Lessons learned

- COVID-19 can be seen as a warning to mankind.
- The cause of the emergence and spread of the pandemic is the careless management of our natural resources that need to be protected.
- The world needs to recover not only from Covid-19 but from the ruthless exploitation of their resources.
- The SDGs show us the way out of this crisis, which can be seen as an opportunity.
- Libraries positioning themselves as advocates and ambassadors of the 2030 Agenda thus assume a vital role in society.

# Libraries - Key Institutions for Achieving the Goals

## LIBRARIES CAN DRIVE PROGRESS ACROSS THE ENTIRE UN 2030 AGENDA



IFLA  
The trusted global voice of the library and information profession ([www.ifla.org](http://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



#### 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 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



#### 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



#### 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



#### 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



#### 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

- Libraries are key institutions for achieving the Goals
- Libraries are well positioned to contribute to the Sustainable Development Goals
- Network of at least 2.3 million institutions
- Global reach and the ability to understand and respond to local needs and priorities

# Libraries - Key Institutions for Achieving the 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



# Libraries and the UN Agenda 2030



- Guarantor for access to reliable information
- Prerequisite for achieving the Sustainable Development Goals
- IFLA/Libraries as advocates for the UN Agenda 2030
- “Sustainability is Libraries’ Business!”
  - Exemplars, Educators, Enablers
- More than “information”!

# IFLA's "Library Map of the World": SDG Stories

LIBRARY MAP OF THE WORLD

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HOME **SDG STORIES** COUNTRIES CONTRIBUTORS ABOUT English

### SUSTAINABLE DEVELOPMENT GOALS & LIBRARIES

The UN 2030 Agenda for Sustainable Development is a framework of 17 Sustainable Development Goals (SDGs) spanning economic, environmental and social development. SGD stories demonstrate how libraries and access to information contribute to improved outcomes across all SDGs. Select a country to see relevant stories.

[SUBMIT YOUR STORY](#)

**SDG STORIES**

Search

**34 Countries**  
56 Stories

Select a country to view stories.

- GOAL 1. No Poverty**  
4 Stories
- GOAL 2. Zero Hunger**  
4 Stories
- GOAL 3. Good Health and Well-Being**  
10 Stories
- GOAL 4. Quality Education**  
40 Stories

**LEGEND**

- Countries with SDG Stories
- Selected Country
- No Data Available

Greece

Greece

- Worldwide examples
- How libraries contribute to the implementation of the SDGs in their communities
- Different contexts:
  - large national or university libraries
  - small public, school or mobile libraries.



# SDG Stories

IFLA LIBRARY MAP OF THE WORLD

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## SUSTAINABLE DEVELOPMENT GOALS & LIBRARIES

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Goal 3: Good Health and Well-Being

## SDG STORIES

Search

9 Countries  
10 Stories

### Goal 3. Good Health and Well-Being

Libraries are essential providers of access to medical research that supports improved public health outcomes. Public access to health information helps people to be better informed about their health and stay healthy.

Select a country to view stories.

**Ghana** - Access to sexual and reproductive health education in the library to curb teenage pregnancy

**Cuba** - The BiblioSIDA programme ensures access to sexual health care information and education in Cuba

**Argentina** - Library's literacy project



LEGEND  
Green: Countries with SDG Stories  
Light Green: Selected Country  
Grey: No Data Available

+  
-

- Libraries: essential providers of access to medical research
- Public access to health information helps to be better informed about health issues

# SDG Stories

IFLA LIBRARY MAP OF THE WORLD

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### SUSTAINABLE DEVELOPMENT GOALS & LIBRARIES

The UN 2030 Agenda for Sustainable Development is a framework of 17 Sustainable Development Goals (SDGs) spanning economic, environmental and social development. SGD stories demonstrate how libraries and access to information contribute to improved outcomes across all SDGs. Select a country to see relevant stories.

[SUBMIT YOUR STORY](#)

#### SDG STORIES

academic

[clear results]

**11 Stories Found**

- **Argentina - University library ensures children in vulnerable situations have access to early childhood development**  
Supports Goals 4  
[Read More...](#)
- **Ecuador - Travelling Libraries increase conservation literacy and awareness in the Galapagos Islands**  
Supports Goals 4, 11, 13, 14, 15  
[Read More...](#)
- **Jordan - Platform to access theses and dissertations from across the Arab World enhances research**  
Supports Goals 9, 17  
[Read More...](#)

**LEGEND**

- Countries with SDG Stories
- Selected Country
- No Data Available

- Terms
  - “academic”
  - “University”
  - “High School”
  - ...



# SDG Stories

IFLA LIBRARY MAP OF THE WORLD

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### SUSTAINABLE DEVELOPMENT GOALS & LIBRARIES

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[SUBMIT YOUR STORY](#)



**SDG STORIES**

Search

 **34 Countries**  
56 Stories

 **Ireland**  
2 Stories Available

- Library's campaign improves sustainability and decreases resource consumption  
Supports Goals 6, 7, 9, 11, 12, 13  
[Read More...](#)
- Librarians help to fill information skills gaps in the agriculture and food sector  
Supports Goals 2, 4  
[Read More...](#)

**LEGEND**

-  Countries with SDG Stories
-  Selected Country
-  No Data Available



- Ireland
- Two stories
- University College Cork (UCC) Library

# University College Cork (UCC) Library

The screenshot shows the IFLA Library Map of the World website. At the top, there is a navigation bar with 'HOME', 'SDG STORIES', 'COUNTRIES', 'CONTRIBUTORS', and 'ABOUT'. A language dropdown menu is set to 'English'. Below the navigation bar, the 'Ireland' section is highlighted, showing the Irish flag and a grid of relevant Sustainable Development Goals (SDGs): 6 (Clean Water and Sanitation), 7 (Affordable and Clean Energy), 9 (Industry, Innovation and Infrastructure), 11 (Sustainable Cities and Communities), 12 (Responsible Consumption and Production), and 13 (Climate Action). A 'Share this story:' button is visible. The main content area features the headline 'LIBRARY'S CAMPAIGN IMPROVES SUSTAINABILITY AND DECREASES RESOURCE CONSUMPTION' with a printer icon. Below the headline, a paragraph states: 'In 2016, the **University College Cork (UCC) Library** launched its **sustainability campaign**, Love Our Library. As a result of actions taken in the campaign's first year, the Library saved over 155,000 KWH - a 9% reduction in energy use. This savings is enough to power a light bulb for 1,770 years or travel around the world 24 times in an electric car!'. Another paragraph explains: 'The UCC, like all public-sector organisations in Ireland, was obliged under the Public-Sector Energy Efficiency Programme to increase efficiency by 33% by the year 2020. A 2016 review identified the UCC Library, the heart of the campus both geographically, consumers on campus – acc energy use.' A green link is provided: <https://librarymap.ifla.org/stories/Ireland/LIBRARY%E2%80%99S-CAMPAIGN-IMPROVES-SUSTAINABILITY-AND-DECREASES-RESOURCE-CONSUMPTION/155>. To the right of the text is a photo of the 'Green Team' of the 'Love our Library' campaign, with a caption: '"The Green Team of the "Love our Library" campaign "' by UCC Library is licensed under CC BY 4.0'. Below the photo are five navigation dots, with the first one filled.

- Sustainability Campaign
- „Love Our Library“
- Green team
  - Library staff
  - Univ’s energy manager
  - Sustainability officer
  - ...
- Focus
  - Waste management
  - Energy / water use
  - Improve library operations

# University College Cork (UCC) Library

*"The "Love our Library" led by the green library team is an inspiring action amongst our students and staff, as well as the wider community. This campaign has been instrumental in broadening participation in the Green Campus programme across UCC, and speaks directly to the university's strategic aim to embed sustainability into all aspects of our operations" John O'Halloran, Deputy President & Registrar, University College Cork.*



- Sustainability Campaign
- „Love Our Library“
- Entire University community impacted
  - University staff
  - Students
- Social Media
- Influencing people's behaviour
- SDG ethos: “Think globally: act locally”

<https://www.ifla.org/ifla-green-library-award-2019-winners-announced/>



## UCC Library Sustainability: Energy Saving

Information on UCC Library's Sustainability Campaign.

[Welcome](#)[Recycling & Waste Management](#)[Energy Saving](#)[Ditch the Disposable](#)[Transport](#)[Projects](#)[How are we doing?](#)

### Tackling Energy Use

#### The Buildings & Estates Office in UCC

- Re-balanced air ventilation and heating systems to improve the office and reading room environmental conditions.
- Reduced operating times of building services to suit the library occupancy profile.
- Turned off lights centrally in low occupancy areas during the summer months.

By implementing these changes (at minimum costs) we were able to make energy savings of €20,000 over the course of a six month period. These savings were reinvested in an air barrier at the front entrance to the library, which reduces the amount of cold air entering the building in the winter and warm air in the summer.

We saved 155,000 KWH in 2017, which is equal to a 9% reduction in our energy use. This constitutes enough energy to power a light bulb for 1,770 years or travel around the world 24 times in an electric car!



## University College Cork (UCC) Library

- Re-balanced air ventilation and heating systems
- Lights turned off centrally in low occupancy areas during the summer months
- Energy savings of €20,000 over 6 months
- Savings reinvested in the library
- Used for further environmental measures
- Air barrier at the front entrance to the library



## UCC Library Sustainability: Welcome

Information on UCC Library's Sustainability Campaign.

Welcome

Recycling & Waste Management

Energy Saving

Ditch the Disposable

Transport

Projects

How are we doing?

### LOL Love Our Library

The E-Bikes were funded out of the Library's energy savings and will be freely available to Library staff to use during the day, whether it's to pop into town, to go to the Library stores or to go to one of our Branch Libraries.



# University College Cork (UCC) Library

- E-Bikes freely available to Library staff

# University College Cork (UCC) Library

## Binless Offices and Centralised Waste Collection

### Binless Office

- Waste is no longer collected from staff desks
- New compost and recycling bins installed in the staff kitchen

### Centralised Waste Collection

- All bins removed from the reading rooms.
- New waste recycling stations installed on the ground floor of the Boole Library.
- All Library users, both staff and students, can separate their waste for recycling and dispose of it.
- Cleaning staff have more time for other cleaning activities



- Recycling & Waste Management
  - Binless Office
  - Centralised Waste Ccollection



<https://libguides.ucc.ie/librarysustainability/recycling>



# University College Cork (UCC) Library

- Suggestions/Comments Board
- Suggestions
- Comments

„We do our best to act on these suggestions where we can.”




<https://libguides.ucc.ie/librarysustainability/welcome>




IFLA GREEN LIBRARY AWARD

IFLA websites - Member login Translate

International Federation of Library Associations and Institutions




WHO WE ARE WHAT WE DO NEWS EVENTS RESOURCES JOIN US SEARCH  DONATE



You are here: Home > Units > Environment, Sustainability and Libraries Section

## ENSULIB

- Get involved
- Projects
- Conferences
- IFLA Green Library Award
- Mailing List
- Standing Committee Members

- NEWS 
- EVENTS 
- RESOURCES 

### Environment, Sustainability and Libraries Section


ENSULIB's aim is to encourage librarians to inspire their communities into more environmentally sustainable way of action, by providing materials on green librarianship, giving voice to green librarians and library projects worldwide, leading by example, and offering a discussion forum.

Present environments are endangered by climate change and other threats including social inequalities. All organizations should strive to protect the environment through sustainable development. This includes all kinds of libraries, which can play an active and significant role in sustainable development.

Green and Sustainable libraries are particularly predestined to take on the role as exemplars, educators, and enablers. Green and Sustainable libraries take into account environmental, economic and social sustainability. Green and Sustainable Libraries may be of any size, but they have a clear sustainability agenda.

ENSULIB's aim is to encourage librarians to inspire their communities into more environmentally sustainable way of action, by providing materials on green librarianship, giving voice to green librarians and library projects worldwide, leading by example, and offering a discussion forum.

FOLLOW US



- Projects
  - Book publications
  - Checklists
  - Green Library Website
  - ENSULIB Newsletter
  - ENSULIB Webinars
  - Tools for Green Libraries
- IFLA Congresses
- IFLA Green Library Award
- Social media:
  - Facebook
  - Twitter
  - Instagram
  - YouTube
  - SlideShare

Mailinglist





You are here: Home > Environment, Sustainability and Libraries Section > Get involved with ENSULIB!

ENSULIB

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Get involved with ENSULIB!



Being active with ENSULIB carries many benefits, including

- Expanding your professional network;
- Getting introduced to the Green Library network on an international level;
- Staying informed about sustainability issues important to both your own green library and the green library field at large.

<https://www.youtube.com/watch?v=CF1iTC6pqbg&t=2s>



You are here: Home > Environment, Sustainability and Libraries Section > The Green Library Checklists Project

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## The Green Library Checklists Project

The Green Library Checklist, "Sustainable buildings, equipment, and management. A checklist" was originally published in German/English in: *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. Available online, as open access/under an open access license.

The Checklist is available in the following languages: German/English (original)

### Translations:

- Arabic — Catalan — Chinese — Croatian — Czech — Farsi(Persian) — Finnish — French — German — Greek — Indonesian — Italian — Norwegian — Polish — Romanian — Russian — Serbian — Spanish — Swedish — Thai — Turkish — Usbek

Coming soon:  
Greek translation!

Klaus Ulrich Werner  
**Nachhaltigkeit bei Bau, Ausstattung und Betrieb.**

**Eine Checkliste**

Originally published in: *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. Abstracts freely available at: <http://www.degruyter.com/view/product/204586>

**Sustainable buildings, equipment, and management.**

**A checklist<sup>1</sup>**

Klaus Ulrich Werner  
Freie Universität Berlin, Philologische Bibliothek  
[klaus.werner@fu-berlin.de](mailto:klaus.werner@fu-berlin.de)

Für jede Baumaßnahme, wie auch generell für jedes komplexe Vorhaben, sind Checklisten nützlich um abzufragen, ob man an alles gedacht hat. Die folgende Liste zu Aspekten von Planung, Bau, Ausstattung sowie Bibliotheksbetrieb dient dieser Vollständigkeitsprüfung, wenngleich die präsentierte Liste dennoch keinen Anspruch auf Vollständigkeit erheben kann.

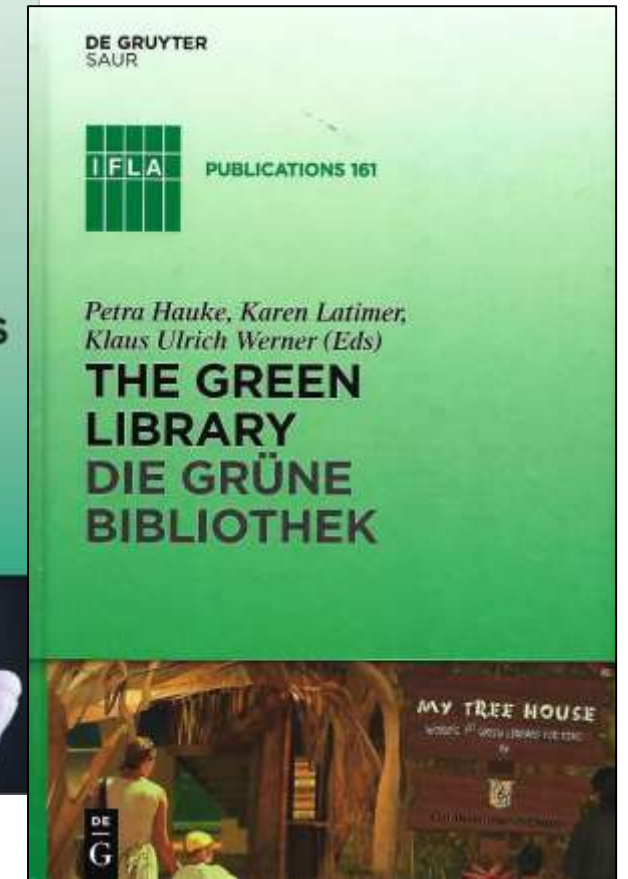
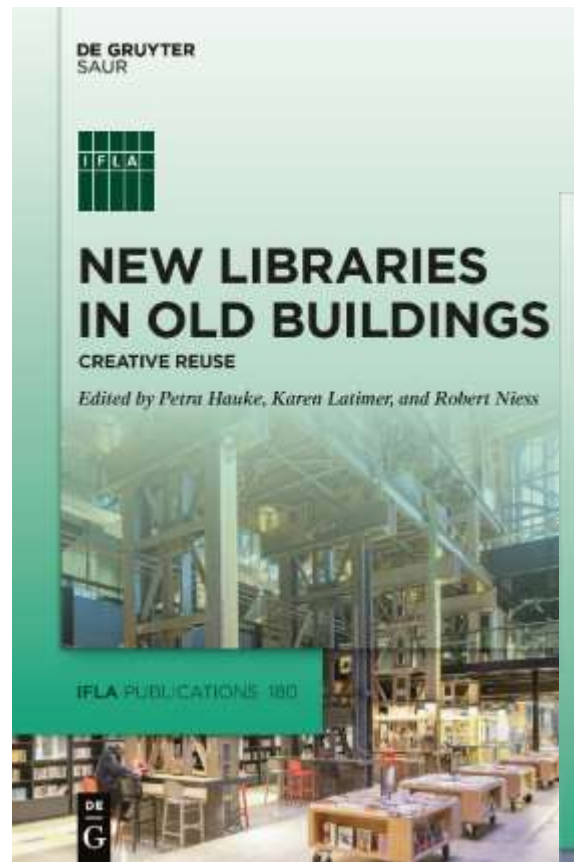
For any construction project, just as for any complex undertaking in general, a checklist provides a useful means of confirming that everything has been considered. Although it cannot claim to be exhaustive, the following list of aspects of planning, construction, and also library operation, is designed to help ensure that everything has been considered.

1 Projektierung, Finanzierung	1 Project planning, finance
<ul style="list-style-type: none"> <li>Frühzeitige Diskussion mit dem Bauherrn über die Nachhaltigkeitsziele und Festlegung von Kriterien</li> <li>Orientierung an der Definition eines „Grünen Gebäudes“: wirtschaftlich, umweltfreundlich, ressourcenschonend. Hohe Behaglichkeit für die Nutzer. Sich optimal in ihr soziales Umfeld einfügen, d. h. nachbarschaftliches Verhalten einhalten.</li> <li>Anknüpfung an die Umweltziele des</li> </ul>	<ul style="list-style-type: none"> <li>Early discussion of sustainability goals with the client and the establishment of criteria</li> <li>A sense of direction on the definition of a 'green building': economical, environmentally friendly, resource saving. High level of comfort for users, a healthy environment with optimal integration into their socio-cultural i. e. neighbourhood surroundings.</li> <li>Establishment of the environmental</li> </ul>

<sup>1</sup> Transl. from German into English by Karen Latimer.



ENSULIB's book projects are all available with ...



... Open Access!

<https://www.ibi.hu-berlin.de/de/studium/studprojekte/buchidee>





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## IFLA Green Library Award



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## Τι είναι η Πράσινη Βιβλιοθήκη?

Περιβάλλον είναι ο περιβάλλον χώρος ή οι συνθήκες στις οποίες ζουν και λειτουργούν οι άνθρωποι, οι οργανισμοί, τα ζώα ή τα φυτά. Η έννοια 'περιβάλλον' μπορεί να αναφέρεται στο φυσικό, στο κοινωνικό ή στο πολιτιστικό περιβάλλον.

Βιώσιμη ανάπτυξη είναι η ανάπτυξη που «ανταποκρίνεται στις ανάγκες του παρόντος χωρίς να διακυβεύεται η ικανότητα των μελλοντικών γενεών να καλύψουν τις δικές τους ανάγκες» (Our Common Future, Brundtland Report, UN).

Τα σημερινά περιβάλλοντα κινδυνεύουν από την κλιματική αλλαγή και άλλες απειλές, συμπεριλαμβανομένων των κοινωνικών ανισοτήτων. Όλοι οι οργανισμοί πρέπει να προσπαθούν να προστατεύσουν το περιβάλλον μέσω της αειφόρου ανάπτυξης. Αυτό περιλαμβάνει όλα τα είδη βιβλιοθηκών, οι οποίες μπορούν να διαδραματίσουν ενεργό και σημαντικό ρόλο στη βιώσιμη ανάπτυξη.

Μια πράσινη και βιώσιμη βιβλιοθήκη είναι μια βιβλιοθήκη που λαμβάνει υπόψη την περιβαλλοντική, οικονομική και κοινωνική βιωσιμότητα. Οι πράσινες και βιώσιμες βιβλιοθήκες μπορεί να είναι οποιοδήποτε μεγέθους, αλλά θα πρέπει να έχουν ένα σαφές πρόγραμμα βιωσιμότητας που περιλαμβάνει:

- **Πράσινα κτίρια και εξοπλισμός:** Οι εκπομπές ή το αποτύπωμα άνθρακα του κτίριου και του εξοπλισμού μειώνονται ενεργά.
- **Αρχές «πράσινου γραφείου»:** Οι διαδικασίες και λειτουργίες είναι περιβαλλοντικά βιώσιμες.
- **Βιώσιμη οικονομία:** Η κατανάλωση είναι περιορισμένη, οι πρακτικές κυκλικής οικονομίας και οικονομίας διαμοιρασμού προωθούνται και είναι διαθέσιμες στην κοινότητα.
- **Βιώσιμες υπηρεσίες βιβλιοθηκών:** Σχετική και επικαιροποιημένη πληροφόρηση είναι εύκολα προσβάσιμη στους χρήστες, κοινόι χώροι, συσκευές και περιβαλλοντική εκπαίδευση προσφέρονται και οι διαδικασίες είναι αποτελεσματικές. Η βιβλιοθήκη έχει θετικό αποτύπωμα άνθρακα.
- **Κοινωνική βιωσιμότητα:** η καλή εκπαίδευση και παιδεία, η δέσμευση στην κοινότητα, η διαπολιτισμική ποικιλομορφία, η κοινωνική συμπερίληψη και εν γένει η συμμετοχικότητα λαμβάνονται υπόψη. Η βιβλιοθήκη εργάζεται ενεργά για να μειώσει την ανισότητα.
- **Περιβαλλοντική διαχείριση:** Οι περιβαλλοντικοί στόχοι είναι συγκεκριμένοι, μετρήσιμοι, ρεαλιστικοί και χρονικά προσδιορισμένοι και η βιβλιοθήκη εργάζεται να μειώσει τη δική της αρνητική επίδραση στο περιβάλλον. Η περιβαλλοντική πολιτική της βιβλιοθήκης, η εφαρμογή της και τα αποτελέσματα της περιβαλλοντικής δουλειάς διαχέονται σε ένα ευρύτερο κοινό.
- **Δέσμευση σε γενικότερους περιβαλλοντικούς σκοπούς και προγράμματα:** η δέσμευση καθοδηγείται από τους Στόχους Βιώσιμης Ανάπτυξης του ΟΗΕ, τη Συμφωνία του Παρισιού για την Κλιματική Αλλαγή και σχετικά περιβαλλοντικά πιστοποιητικά και προγράμματα.

# What is a Green Library?

- The Green Library definition
- Available in 15 languages ...
- ... including Greek!

<https://www.ifla.org/ifla-green-library-definition/>



# Green Libraries – Sustainable Libraries

*A green and sustainable library*

- takes into account
  - *environmental,*
  - *economic*
  - *and social sustainability*
- may be of any size, but should have a clear sustainability agenda, ...

... which includes ...





# Green Libraries – Sustainable Libraries

- Green buildings and equipment
- Green office principles
- Sustainable economy
- Sustainable library services
- Social sustainability
- Environmental management
- Commitment to general environmental goals and programmes

Some examples >>>>>



# Green Libraries – Sustainable Libraries

## Green buildings and equipment



[https://www.nachhaltigkeit.ruhr-uni-bochum.de/nhb/projekte/campus\\_gardening.html](https://www.nachhaltigkeit.ruhr-uni-bochum.de/nhb/projekte/campus_gardening.html)

- Emissions, carbon footprint
  - Photovoltaik
  - Green roofs / Gardening projects
    - “Campus Gardening”  
Ruhr University Bochum, Germany
- Certificates
  - LEED
  - BREAM
- Green facility management
  - Lightening
  - Heating
  - Water management
  - Cleaning ...



# Green Libraries – Sustainable Libraries

## Green office principles



**7 WAYS TO RETHINK YOUR FOOTPRINT IN THE OFFICE**

- 1 REDUCE YOUR WASTE**  
Be conscious of your trash and think about what you could reuse.
- 2 IMPROVE YOUR PURCHASING**  
Consolidate orders, buy in bulk, and eliminate unnecessary orders.
- 3 REDUCE, REUSE, RECYCLE PAPER**  
Print only when necessary, double-sided, and reuse single-sided pages.
- 4 CONSIDER SPECIALTY WASTE**  
Penn has programs for recycling "e-waste", such as electronics, CFL bulbs, and batteries, as well as ink and toner cartridges, writing instruments, and books.
- 5 LEAVE IT FOR BEN**  
List any used equipment, furniture and supplies on Ben's Attic, before disposing of furniture.
- 6 GO DIGITAL**  
Instead of printing, distribute all memos, financial reports, timesheets, and other office communications electronically.
- 7 BYO BOTTLE**  
Take advantage of campus-wide retail discounts and water filters to minimize plastic bottle waste.

 For more information on Penn waste minimization and recycling initiatives, visit: [www.upenn.edu/sustainability](http://www.upenn.edu/sustainability)

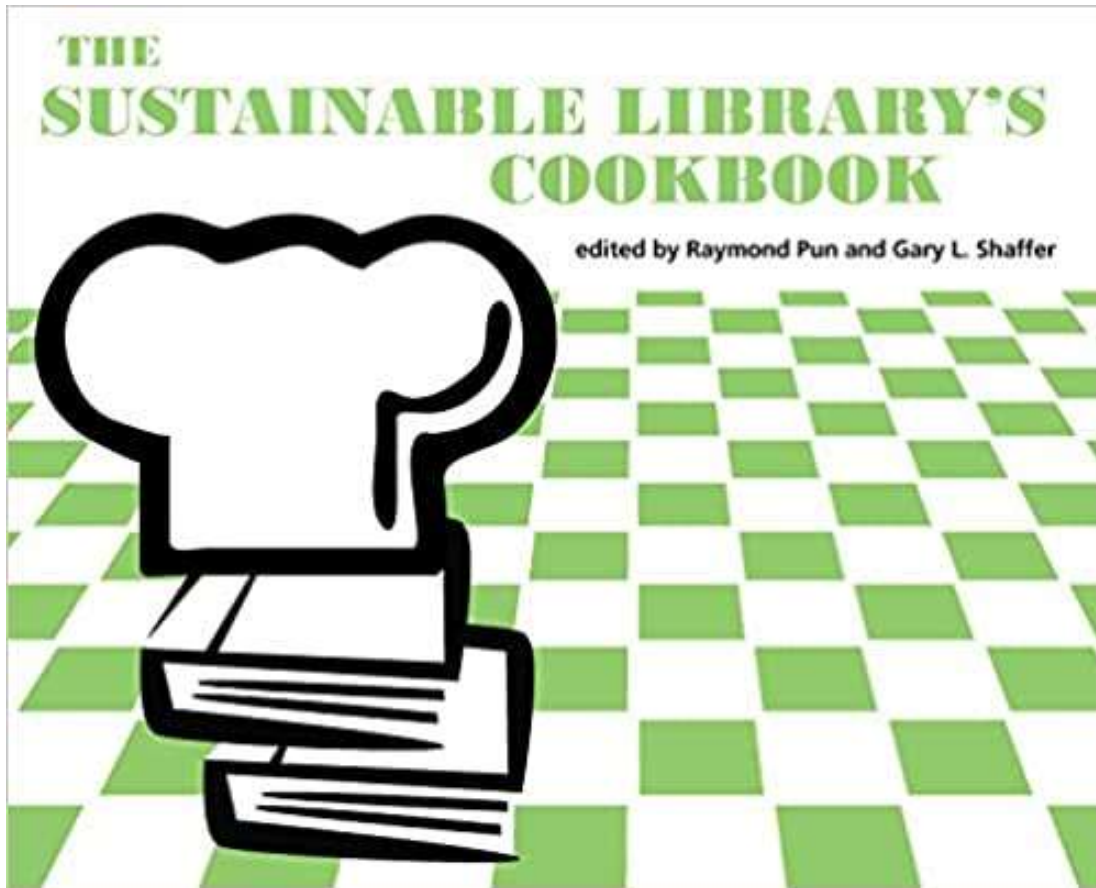
- Operational routines and processes
  - Waste minimization
  - Improving purchasing
  - Recycling
  - Double-sided printing
  - Scan instead of print
  - Going digital
  - Turn computers off (not only) at night
  - BYO (Bring your own ) Bottle
  - ...





# Green Libraries – Sustainable Libraries

## Sustainable economy



- Consumption restrained, circular and sharing economy practices
- “I believe you have my Stapler” - How to encourage Reuse with an Office Supply Program

“Cookbook” – Association of College and Research Libraries (Div. of ALA)



# Green Libraries – Sustainable Libraries

## Sustainable library services



- Information, shared spaces, devices, education, positive carbon handprint
  - The Philological Library in Berlin, Germany
  - Bicycle ergometer equipped with a small book reading table
  - Generates electricity for charging mobile phones or laptops
  - “Charge your brain – Charge your phone”





# Green Libraries – Sustainable Libraries

## Social sustainability

Julius-Maximilians-  
**UNIVERSITÄT  
WÜRZBURG**

Intern  DE

UNIVERSITY | STUDYING AT JMU | RESEARCH | TEACHING | INSTITUTIONS | INTERNATIONAL

UNIVERSITY > SUSTAINABILITY > SOCIAL SUSTAINABILITY

### Social Sustainability

The JMU is committed to buying environmentally and socially responsible products and services.

### Suppliers with a commitment to social sustainability

The University often uses suppliers with a commitment to social sustainability, e.g. the win gGmbH (cleaning services), the Blindenwerkstatt sheltered workshop (brooms and brushes), the Justizvollzugsanstalt Würzburg correctional facility (removals, groundskeeping) or the Mainfränkische Werkstätten sheltered workshop (groundskeeping on Hubland campus).

### The 'INklusiv!' programme

The University Library and the Technical Maintenance Service Centre each employ a staff member under the 'INklusiv!' disability employment and inclusion programme. The JMU has designed measures and projects for the provision of advising and support to students and early career researchers with social sustainability in mind. And many of our students get involved in initiatives to make our University more sustainable.

**Contact**  
Prof. Dr. Anja Schlömerkemper  
E-Mail: [vp-sustainability@uni-wuerzburg.de](mailto:vp-sustainability@uni-wuerzburg.de)

[Download sustainability report \(german language\)](#)

**VERANTWORTUNG  
UND WISSEN**

- Education
- Literacy
- Community engagement
- Cross cultural diversity
- Social inclusion
- Participation
- Reduced inequality





# Green Libraries – Sustainable Libraries

## Environmental management

### Library and Sustainable Environment Management Report

Proposal for IFLA Green Library Award 2020

By

Rangsit University Library, Pathumthani, Thailand



- Deliberate environmental goals, decrease own negative impact on environment
- Environmental policy: implementation and the results of environmental work communicated to a broader audience
- Rangsit University Library , Thailand

[https://www.ifla.org/wp-content/uploads/2019/05/assets/environmental-sustainability-and-libraries/documents/thailand\\_univlibrsustenvmanagemreport2020.pdf](https://www.ifla.org/wp-content/uploads/2019/05/assets/environmental-sustainability-and-libraries/documents/thailand_univlibrsustenvmanagemreport2020.pdf)



# Green Libraries – Sustainable Libraries

Commitment to general environmental goals and programmes

The screenshot shows the website for the Philologische Bibliothek at Freie Universität Berlin. The page is titled 'Agenda 2030' and features a prominent section with the heading 'Diese Bibliothek unterstützt die Nachhaltigkeitsziele' (This library supports the sustainability goals). Below this heading is a grid of 17 icons representing the United Nations Sustainable Development Goals (SDGs). The website also displays the library's opening hours (Montag - Freitag 10:00-20:00 Uhr) and contact information for general inquiries and borrowing.

Freie Universität Berlin

PHILOLOGISCHE BIBLIOTHEK

LITERATURSUCHE SERVICE SCHULUNGEN / FÜHRUNGEN NUTZUNGSHINWEISE **ÜBER UNS** STELLENANGEBOTE

Startseite > Sites > Philologische Bibliothek > Über uns > Agenda 2030

## Agenda 2030

### Diese Bibliothek unterstützt die Nachhaltigkeitsziele

[ifla.org/libraries-development](https://ifla.org/libraries-development)

#Lib4Dev #DA21 #GlobalGoals

IFLA IAP INTERNATIONAL ADVOCACY PROGRAMME

ÖFFNUNGSZEITEN

Öffnungszeiten:  
Montag - Freitag 10:00-20:00 Uhr  
[Schließzeiten an gesetzlichen Feiertagen in Berlin](#)  
und Sonderschließzeiten

SIE HABEN FRAGEN?

Allgemeine Anfragen, Fragen zur Literaturrecherche, zu Schulungen etc. beantwortet die Information:  
[info@philbib.fu-berlin.de](mailto:info@philbib.fu-berlin.de)  
0049 30 838 58888

Fragen zum Bibliothekskonto, zu Ausleihen, zu Verlängerungen etc. beantwortet die Leihstelle:  
[ausleihe@philbib.fu-berlin.de](mailto:ausleihe@philbib.fu-berlin.de)  
0049 30 838 58822  
0049 30 838 58823

- Clear commitment
- SDGs
- Visibility:
  - Website
  - Entrance

Free download:

<https://repository.ifla.org/handle/123456789/670>

# Η Βιβλιοθήκη στηρίζει τους Στόχους Βιώσιμης Ανάπτυξης



[ifla.org/units/sustainable-development](http://ifla.org/units/sustainable-development)

#Lib4Dev

#DA2I

#GlobalGoals

## Let's go green – outside the library box!

- Look for strong partnerships outside the library community!
- Invite politicians to your Green Library events!
- Invite local and regional press representatives to your Green Library events!
- Invite local and regional broadcast representatives to your Green Library events!
- Write and publish inspiring articles for the local and regional press!
- Present your Green Library prominently at local and regional cultural events!
- Support actively your politicians to popularize the SDGs!
- Establish your Green Library as an excellent event location!



# Thank you!



Dr. Petra Hauke  
petra.hauke@hu-berlin.de

<https://www.ifla.org/publications/sustainability-is-libraries-business-libraries-and-sustainable-development>