

IFLA Green Library Award 2021

Harri Sahavirta, Helsingin kaupunginkirjasto, kirjastonjohtaja
ENSULIB, Chair 2021-2023

Environment, Sustainability and Libraries

eli ENSULIB

IFLA Special interest group vuodesta 2009

IFLA Section vuodesta 2021



IFLA Green Library Award

Green Library Award on jaettu vuodesta 2016 ja tästä vuodesta lähtien kilpaillaan kahdessa sarjassa

- Best green library
- Best green library project

Tänä vuonna 31 hakemusta, joista hyväksyttiin 23 ehdokasta, sekä 21 arvioijaa – molemmissa edustajia ympäri maailmaa.

Finalisteja oli 8 – voitot menivät Kanadaan ja Suomeen sekä erityistunnustus Kuubaan.

Palkintoa ja sen palkintokriteerejä kehitetään edelleen.



IFLA Green Library Award: Haasteita

Kestävä kehitys (sustainability) ja vihreä kirjasto (green library) ovat epämääräisiä käsitteitä, joita usein luonnehditaan jaolla taloudelliseen, ekologiseen ja sosiaaliseen aspektiin.

Kirjastojen kestävä kehitys ei ole vain vihreä rakennus tai vihreän toimiston periaatteet – pelkkä energian säästäminen ja kierrättäminen eivät riitä.

Mutta mitä muuta? Ja miten tätä ”muuta” mitataan?

Kilpailuehdotukset ovat vuosien varrella olleet hyvin ”monimuotoisia”

- Lasten ympäristökasvatusta askartelemalla ja leikkimällä Ukrainassa
- Puiden istutusta kirjaston edustalle Keniassa
- Uudisrakennuksia Kiinassa
- Zero Waste ohjelma yliopistokampuksella Irlannissa



IFLA Green Library Award: Kriteerit

Miten näin erilaisia ehdotuksia voi vertailla?

Palkintokriteerien taustalla:

- Yleiset pohdinnat
- Hakemukset: mitä kirjastot itse tuovat esiin
- Arvioijien näkemykset ja arvostukset



IFLA Green Library Award: kriteerit

- Vaikutukset ympäristöön ja ympäristötietoisuuteen
- Hiilijalanjälki: ilmastovaikutukset, päästöt
- Hiilikädenjälki: positiivisten vaikutusten mahdollistaminen
- Vihreät kirjastopalvelut: ympäristötiedon tarjoaminen, ympäristökasvatus
- YK:n kestävän kehityksen tavoitteet (Agenda 2030)
- Taloudellisen, ekologisen ja sosiaalisen kestävyuden huomioiminen

- Vaikuttavuus: kuinka suuren vaikutuksen hakemus tekee
- Innovatiivisuus: onko hakemuksessa mitään uutta



IFLA Green Library Award: tavoitteet

Palkinnon tavoite on tehdä tunnetuksi kirjastojen ympäristötyötä sekä inspiroida kirjastoja uusiin ympäristötekoihin.

Toissijainen tavoite on luoda kirjastojen ympäristötyölle kriteereitä.

Kaupanpäälle olemme saaneet upean kavalkadin siitä, mitä maailmalla tehdään.



IFLA Green Library: best libraries 2021

Kirjastot painostavat yhä kirjastorakennuksiin

- Energia tehokkuus
- Valaistus
- Ilmanvaihto
- Kuljetukset/liikkuminen
- Jätehuolto

Mutta myös ympäristötieto, tapahtumat ja osallistaminen, yhteiset tilat, vihreä ympäristö, ympäristökasvatus

Stanley A. Milner Library, Edmonton, Canada – best green library 2021

Altona Library, Melbourne, Australia – runner up

Pingshan Library, Shenzhen, Kiina – runner up

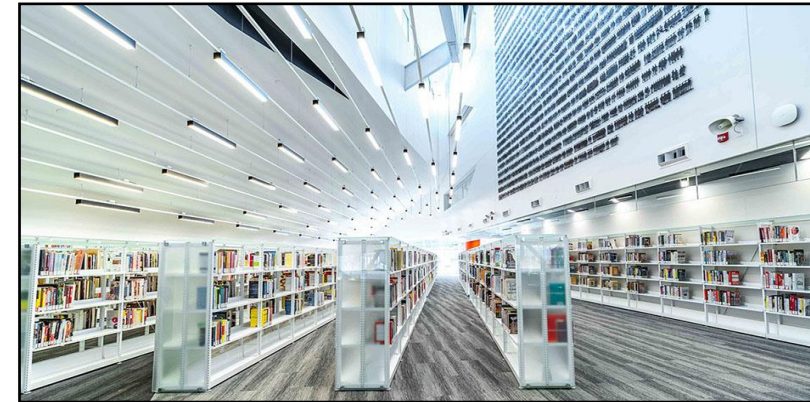


• STANLEY A. MILNER LIBRARY REVITALIZATION



Building Design

- An additional 450 windows/skylights were installed to bring in as much natural light as possible
- All new energy efficient lighting systems and HVAC equipment
- The floorplan was designed to provide adaptive and versatile spaces
- Low emitting materials were selected for construction including paints, flooring, wood, adhesives, and sealants



• STANLEY A. MILNER LIBRARY REVITALIZATION



Sustainable Goals Summary

<ul style="list-style-type: none"> • Reduce water/electrical/gas consumptions with energy efficient equipment and fixtures 	<ul style="list-style-type: none"> • Continue to enhance our refrigeration management program
<ul style="list-style-type: none"> • Implement a 3-stream waste collection program (Waste/Recycling/Organics) and provide education material to customers on the program 	<ul style="list-style-type: none"> • Divert waste from the landfills by recycling constructions materials and reusing materials for the new building wherever possible
<ul style="list-style-type: none"> • Provide car charging stations and bike racks to promote alternative modes of transportation 	<ul style="list-style-type: none"> • Ensure all new construction materials are low-emitting
<ul style="list-style-type: none"> • Install Direct Digital Controls on major building systems to monitor energy usage and thermal comfort of occupants 	<ul style="list-style-type: none"> • Maximize the use of materials manufactured and / or harvested within an 800 km radius of the site
<ul style="list-style-type: none"> • Promote green and sustainable education and providing tours of our LEED certified buildings 	<ul style="list-style-type: none"> • Maintain function and aesthetics of exterior building lighting while reducing light pollution



Situated at the Altona Library (Hobsons Bay City Council, Melbourne, Australia) the EnviroCentre is a central location for sustainability and environmental information.



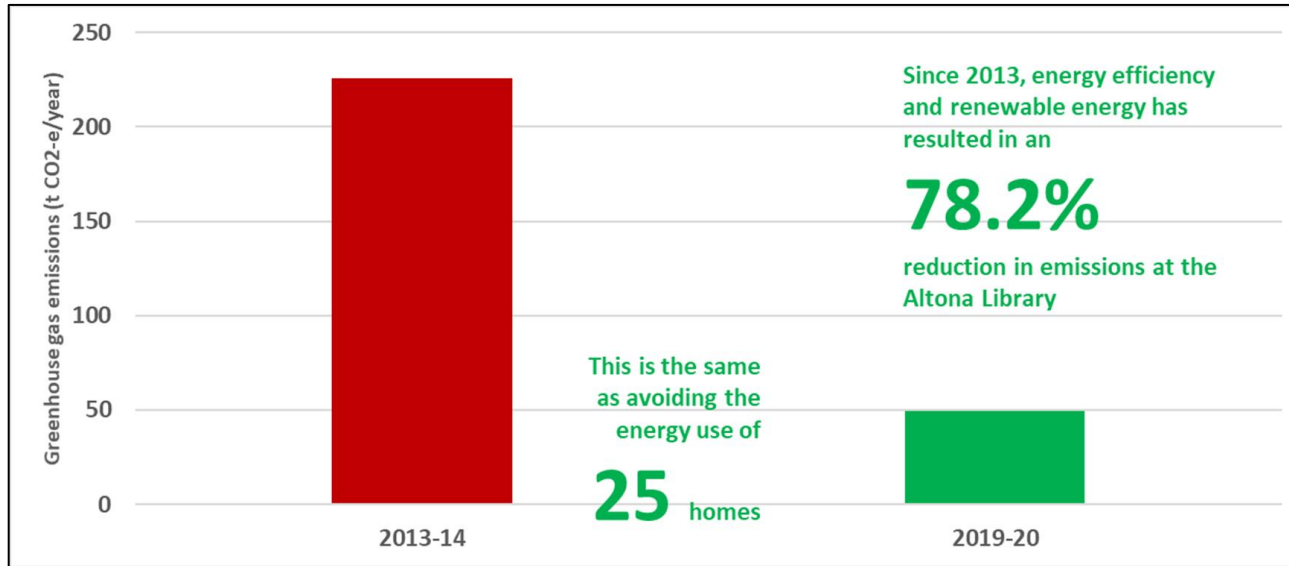
Selectively curated collection (books, DVDs, magazine, e-resources and equipment), local environmental information on an interactive screen and recycling initiatives.

An active events calendar empowers and inspires community to be engaged sustainable citizens.



Hobsons Bay City Council acknowledges the peoples of the Kulin Nation as the Traditional Owners of these Municipal lands and waterways, and pays respect to all Elders, past present and emerging.

Our electric bike is available for all staff for use during work hours



	Year	Description and Capacity	Cost (\$AUD)	Estimated GHG emissions saving (t/yr)
Library staff workroom HVAC (heating, ventilation, air-conditioning)	2013-14		\$92,000	5
Library staff workroom LED lighting	2013-14		\$32,000	1.8
HVAC upgrade renewal in public area	2014-15		\$405,000	21.7
Altona library lighting renewal in stack area	2015-16		\$93,000	21.2
Altona Library natural ventilation in public area	2015-16		\$250,000	19.2
Solar power installation	2015-16	63kW solar, 218 panels	\$101,000	104
LED lighting upgrade	~October 2018	161 lights replaced with 117 LED lights	\$95,000	14.2
Solar energy battery	May 2019	2 x Tesla batteries (26.4 kWh capacity)	\$29,000	4.9

Since 2013, work has been undertaken to increase the energy efficiency of the Altona Library. This has included extensive heating, natural ventilation through louvers and air-conditioning (HVAC), and LED light replacement work across the site. More recent additions have seen 62kW of solar panels and two Tesla batteries added to the site. This has resulted in a significant reduction in greenhouse gas emissions.



The Green Environment of Pingshan Library

“Down to see the world in books, up to see the beauty in eyes” —Pingshan Library focuses on the concept of green community, emphasizes the role of the library in linking the nature with the community by opening up open space for culture, residence and ecology, achieving the interaction between the building and its surrounding ecological environment.



The Green Design and Operation of Pingshan Library

The energy conservation effect is outstanding that green architectural design including green building materials, natural ventilation technology and energy-saving technology of the enclosure structure, energy conservation technology including fully automated water-saving sanitary ware, rainwater recycling system and green lighting are utilized. energy-saving has already become the daily practice, minimizing energy consumption to the largest extent.



The Green Activities of Pingshan Library

There are plenty of influential thematic activities. The library makes its own contributions to the sustainable development via scenario-based interactive design, environmental protection summer camps, green lectures, preservation of traditional Chinese ecological architecture, recommendation of books in the theme of environmental protection, and promotion of environmental protection concepts.



Four Key Green Plans of Pingshan Library

1. Establish a smart library, promote green technology quality education, and reduce “carbon footprint” .
2. Hold “Pingshan Natural History Lecture” series regularly.
3. Organize the 2nd Pingshan Natural History Book Award.
4. Pingshan Natural History Book Reading Together activity—linking life to good books.

IFLA Green Library Award: Slovenia – runner up



Rakennus: päästöt, energia, jätehuolto jne.

Ympäristö: luonto, puutarha ja viljely

Tieto ja tietoisuus: pääsy luotettavaan ja relevanttiin informaatioon

Yhteisöllisyys ja paikallisuus: sosiaalinen osallistaminen

Säilyttäminen: luonnon ja kulttuurin

Sosiaalinen hyvinvointi ja yhdenvertaisuus

(Markkinointi: Esillepano ja esimerkin näyttäminen)

Franc Ksaver Meško Ormož Library, Slovenia (Best Green Library runner up 2021)

Franc Ksaver Meško Ormož Library

Green Library - Uniting the Local Community on its Road to Sustainability



- Energy-efficient renovation of an old building
- Relocation of the library from Ormož castle to the renovated building
- Library equipment renovated by local craftsmen
- CO₂ emissions and heating costs reduction
- Natural light, natural ventilation
- Waste management, use of natural materials
- Reuse of scrapped books, upgrading old computers
- Greenery on the premises, bibliobike

- Herbal garden planted by members and staff
- Patio for an outdoor reading room, events, animals shelter
- School of Health, recreation, table tennis
- Trellis with vine for shade and grape products
- Beehive managed in cooperation with the local beekeepers association
- The Most Bee-Friendly Municipality 2020
- Sustainable promotional gifts about local authors
- Library's own eco tea blends, grape juice, jam, honey

- Knowledge exchange, raising environmental awareness, environmental protection
- Green literacy, topics, skills, values and lifestyle
- Green programs for children, the youth, adults
- Engaging people with fewer opportunities, special needs
- Lectures, book presentations, workshops, study circles, etc..
- 43 Thursday Green Afternoons, 10 Wine Story events, etc.
- Eco projects run in cooperation with local communities, schools, organizations
- Impact on a healthy social environment and quality of life
- Table tennis tournament, film screening, virtual events



- Local experts, associations, institutions, entrepreneurs
- The whole community is joining the green movement
- Stimulating the economic development
- Influencing the Slovenian Green Library movement
- International cooperation with green libraries
- Visibility of sustainable development
- Pursuing sustainable development goals of the 2030 Agenda

- Collecting, preserving, promoting cultural heritage
- Apitherapy, reading movement, traditional crafts
- Cherishing the environment and the natural heritage
- Cooperation with 3 regional nature reserves



- Great emphasis on employees' health
- Stress prevention, well-being, healthy workplace
- Taking care of natural ventilation at workplace
- Close ties with the Croatian Green Library movement
- 1st Green Festival Let's Turn Green; Let's Go Green
- The Role of Libraries in Promoting a Healthy Lifestyle
- Professional article, exhibitions, sharing good practices

[Green Library](#)

IFLA Green Library Award: best library projects

Kirjastojen ympäristöprojektit ovat usein – no, pienempimuotoisia – mutta myös kekseliäämpiä.

Lasten ympäristökasvatuksesta – ympäristöfestivaaleihin ja kaupunkiviljely hankkeisiin.

Oulun kaupunginkirjasto, Suomi – best library project 2021

Southern Adirondack Library System, USA – runner up

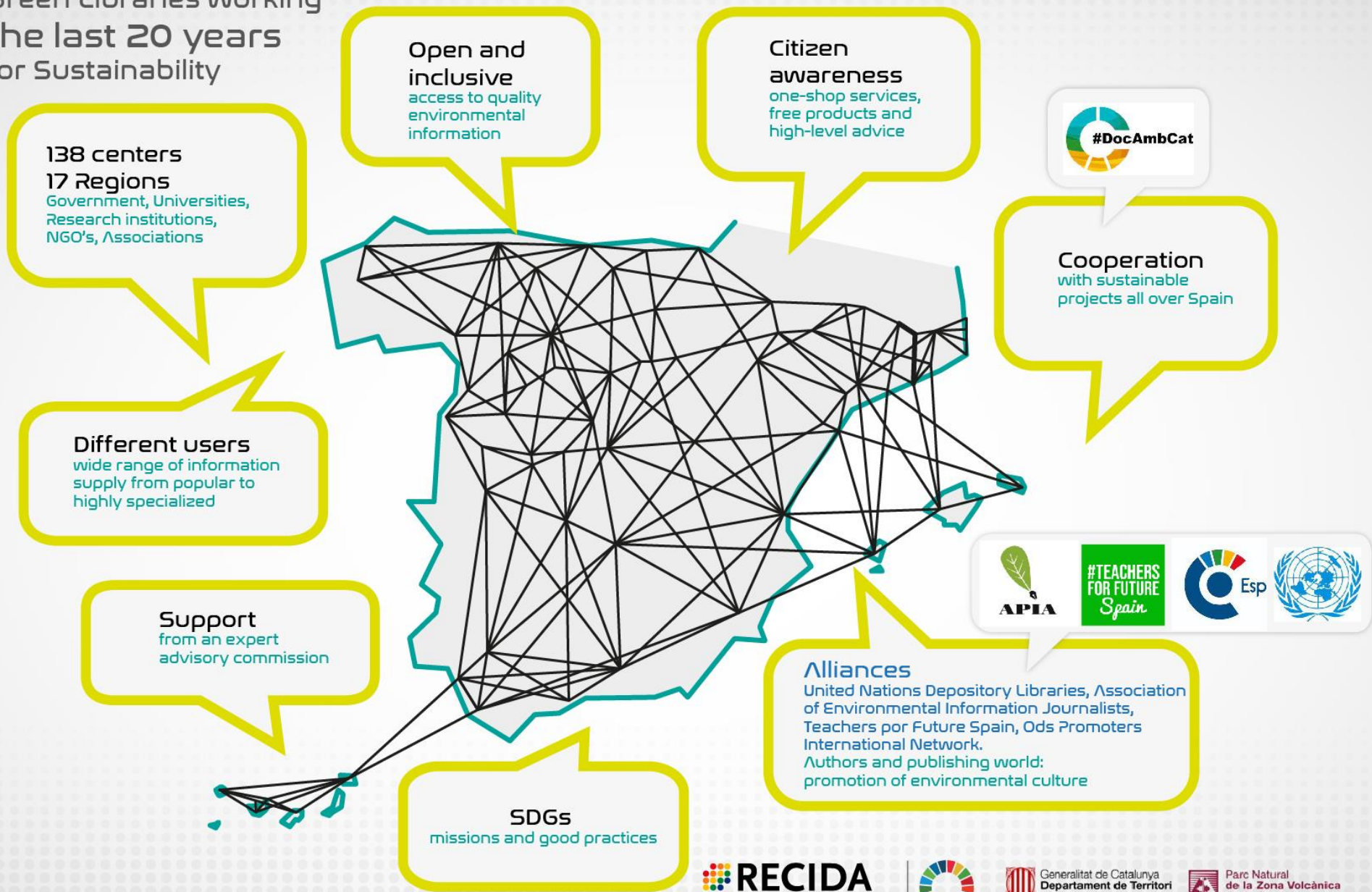
Recida ympäristökeskus, Katalonia, Espanja – runner up

(BibloVerde, Kuuba – runner up, **special recognition**)



RECIDA

The Spanish Network of Green Libraries working the last 20 years for Sustainability

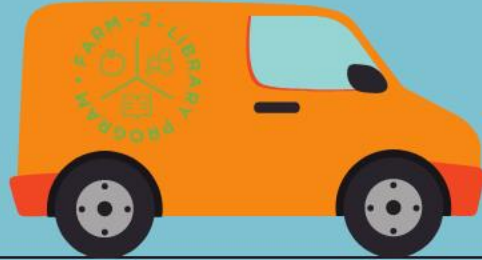


Farm-2-Library

Feed the People
Become Better Readers
Save the Planet



The program began in June 2017, with one library. The idea was simple: Rescue food waste, and share freshly gleaned food in a small library in a rural food desert.

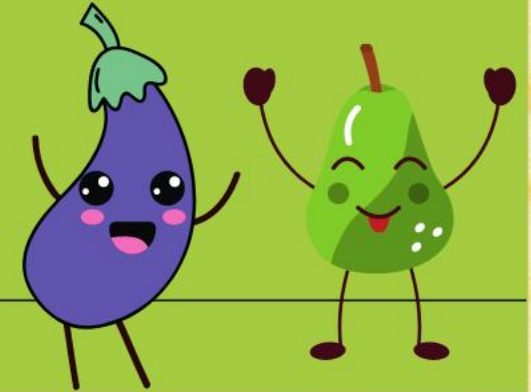


The program did so well, we expanded to two more libraries the next year.



More food was rescued & more people ate fresh fruit & vegetables.

The program continues to grow. In 2021, we have ten participating libraries.



It begins at local farms. Volunteers glean food that contributes to food waste, a massive ecological challenge.

Our partner, Comfort Food Community, delivers the rescued food to our libraries.



Our libraries share fresh food with their community.

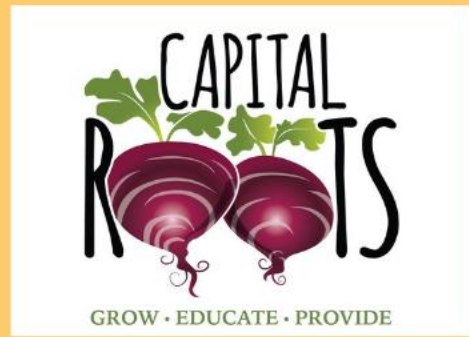


We partner with Cornell Cooperative Extension to host cooking programs.

Kids love to learn how to make fresh snacks.



Cornell Cooperative Extension teaches us how to can & preserve fresh food for the winter months.



In 2021, we expanded our collaboration to include The Capital Roots' Squash Hunger program.

This year 10 libraries have already shared more than 8,000 lbs of food with more than 3,500 people.



This work addresses many UN Sustainability goals:

- No Poverty
- Zero Hunger
- Good Health & Wellbeing
- Reduced Inequalities
- Sustainable Cities & Communities



But wait, there's more:

- Responsible Consumption & Production
- Climate Action
- Life on Land
- Partnerships for the Goals



**FRESH BOOKS
FRESH FOOD**

It also brings lots of new faces into our libraries, builds relationships with our community, and demonstrates the abundance of our world.

Thanks for considering the Southern Adirondack Library System's Farm-2-Library program.

SOUTHERN ADIRONDACK LIBRARY SYSTEM

IFLA Green Library Award 2022

Call for submissions syksyn aikana

Ehdokkaiden arviointi keväällä

Voittajien julistamani IFLA WLIC - tai Ensulibin omassa satelliittikonferenssissa



Kiitos – ja jatketaan kirjastojen ympäristötyötä uudella innolla!