

Sustainability Best Practices

The University of Illinois at Urbana-Champaign

Sustainability Best Practices Guide

The best ways to get involved and get informed



ACHIEVEMENTS

What the University has accomplished



GET INVOLVED

Different Sustainability RSOs that you can be involved in



THINGS TO DO AT HOME

Tips and tricks for living a more sustainable lifestyle everyday



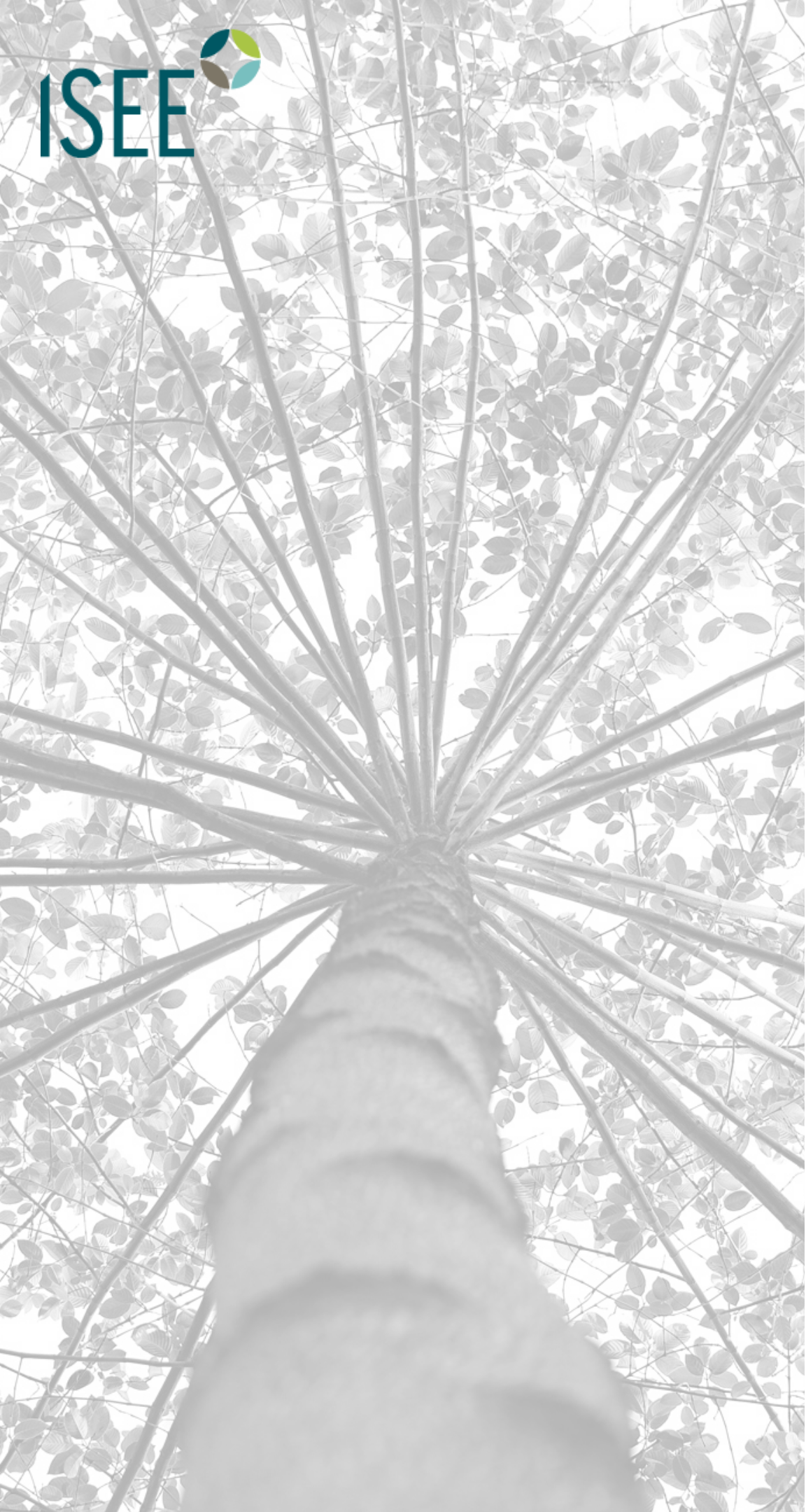
COMMON MISCONCEPTIONS

Common beliefs about sustainability that are false



RESOURCES

A list of different websites you can go to to learn more



Achievements





Accomplishments

The University of Illinois has taken many steps to make sustainability a priority on campus, and these are a few of the awards that the university has been given to recognize this effort

HOST INSTITUTION FOR CABBI

U of I is a host institution for the Center for advanced Bioenergy and Bioproducts Innovation. DOE funded \$115 Million for bioenergy research that would solve the major challenge of how to provide sustainable sources of energy that meet societal needs.

LEED CERTIFICATION

There are currently 21 LEED certified projects on the University of Illinois ranging from silver to platinum standard. Leed certification is "a globally recognized symbol of sustainability and leadership."

CIF GEOTHERMAL

A geothermal campus instructional facility (CIF) is currently being constructed on Bardeen Quad. It will reduce energy consumption, carbon footprint and long-run expenses

BICYCLE FRIENDLY UNIVERSITY

In 2019, U of I earned Silver designation as a Bicycle Friendly University from the League of American Bicyclists. Use of more bicycles than cars allows for decreased carbon emissions.

BEE CAMPUS USA

In 2018, U of I was the first Big Ten school to be named a Bee Campus. This title was earned through sponsoring learning and engagement, offering pollinator courses and developing a better campus habitat plan.



Recognitions and Awards

A small list of some of the ways the University of Illinois has been recognized as a sustainable campus.

01

STARS GOLD LEVEL CERTIFICATION

This certification was earned in 2013, 2015, 2017, and 2019 and is the most comprehensive sustainability rating system. U of I earned this through outstanding energy and resource saving work and inclusion of sustainability in degree programs.

02

SECOND CLIMATE LEADERSHIP AWARD

Illinois was chosen as the sole, four-year institution to receive this recognition. U of I was chosen for its energy and environmental research, Climate action plan, and sustainability education

03

2019 INTERNATIONAL FREEZER CHALLENGE CHAMPIONS

UIUC has been recognized as the best at implementing cold-storage management practices and reducing energy required for lab cold storage

04

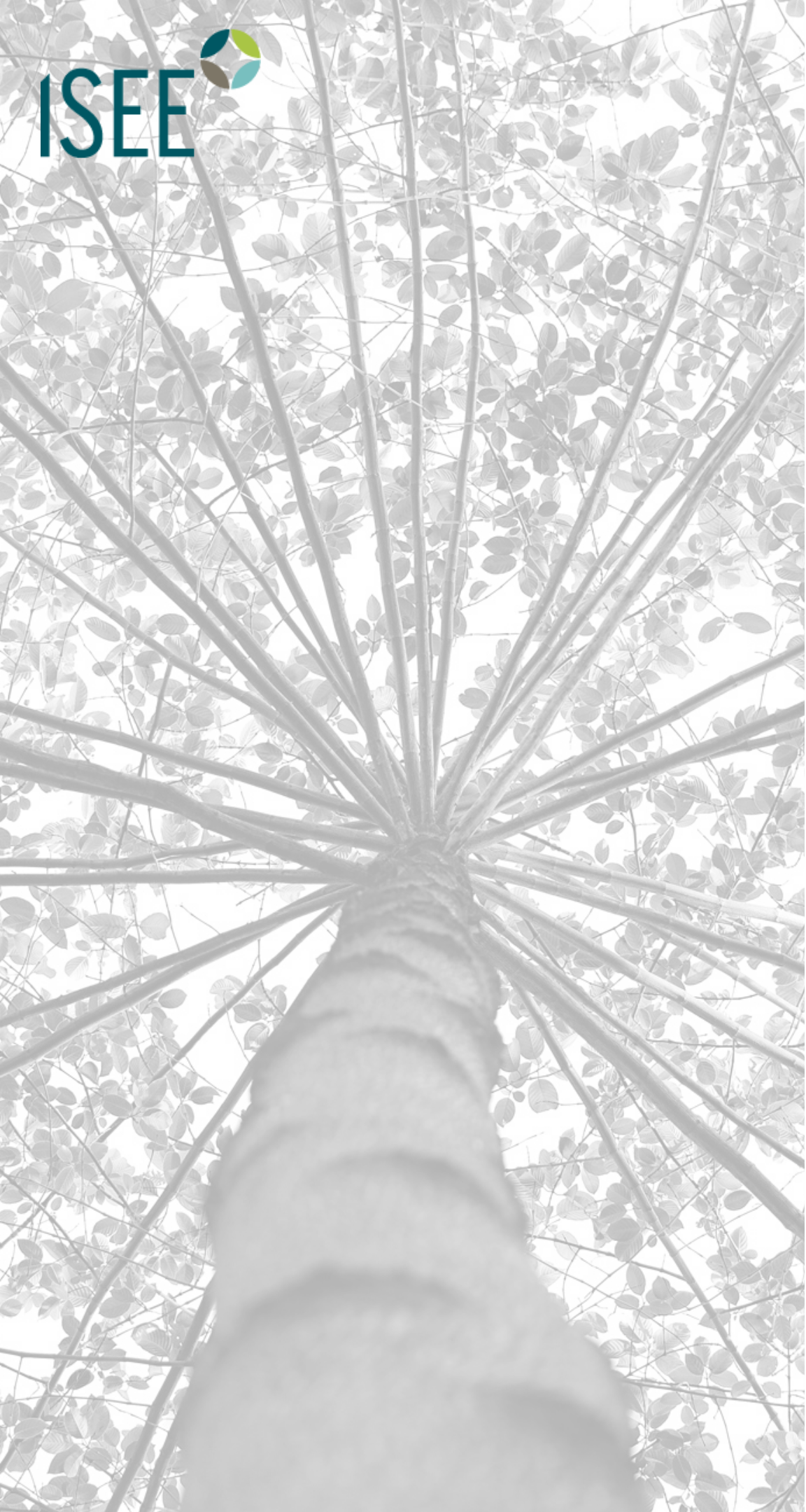
TREE CAMPUS USA

earned in 2016, 2017, 2018, and 2019, for commitment to effective Urban forestry and care for more than 20,00 trees and a campus tree care plan

05

SIERRA CLUB COOL SCHOOL

UIUC was ranked 2nd of 232 schools (best in the big ten) as a "cool school". This was earned based off of good campus sustainability efforts.



Get Involved





RSOs

There is so much you can be part of



**BUSINESS
&
LAW**

ENGINEERING

**PROFESSIONAL
DEVELOPMENT**

**SUSTAINABLE
AGRICULTURE,
FOOD,
LANDSCAPES**

VOLUNTEERING

**Students for
Environmental Concerns**

**Institute for Solar
Photovoltaic Innovation,
Research, and Edu-training
(InSPIRE)**

Act Green

Project 4 Less

**Sustainable Student
Farm.**

Spearheading campaign
and collaborating with
other organizations on
projects that lead to a
greener earth.

Promote R&D, education
and workforce training
("edu-training") within the
solar and renewable
energy industry.

Create educational
programming and
workshops to empower
the next generation of
global business leaders.

Support local food
retailers in redistributing
unconsumed meals to
those facing food
insecurity.

Educate students in basic
skills and concepts
involved in organic food
production.



RSOs

There is so much you can be part of



Illinois Solar Decathlon

Students design and build full-size solar-powered homes with support from professional sponsors.



UIUC Illini Algae

Promote and advance algal-basses technologies that address current environmental, agricultural and energy concerns.



Energy and Environment Law Society

Enhance the community’s awareness of energy law and environmental law issues on all levels.



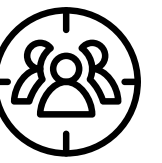
Wildlife Society

Inspiring, empowering, and enabling wildlife professionals to sustain wildlife populations and habitats through science-based management and conservation.



Water Environment Federation - American Water Works Association (WEF-AWWA)

Maintain a vested interest in the water and continue to learn through guidance and experience by networking with industry professionals and faculty.



SWATeams

Sustainability Working Advisory Teams
Works on Illinois Climate Action Plan (iCAP)

ENERGY

Examines both energy generation and purchasing as well as conservation and building standards

- Geothermal Campus
- Solar Farms
- Biomass Boiler
- Illini Lights out



EDUCATION

Seek to add to the educational experience with interdisciplinary learning, research, and independent study about sustainability, energy, and the environment



RESILIENCE

Address what must be done to prepare for vulnerabilities to extreme weather and other results of climate change.



ZERO WASTE

Examines sustainable purchasing, waste disposal, recycling, and campus dining

- 99.9% of UIUC light bulbs recycled



LAND & WATER

Examines land use, agriculture on campus, carbon sequestration, water, and storm water issues

- Illinois Gallon Water Challenge



TRANSPORTATION

Making progress in implementing a new campus bike plan and promoting carpooling and teleconferencing





GET INVOLVED

ECO OLYMPICS

RESEARCH

**SUSTAINABILITY
COURSES**



Things to do at Home





Things to do at Home

Simple Sustainability Tips and Tricks You Can do
Everyday





Things to do at Home

Simple Sustainability Tips and Tricks You Can do
Everyday

06



MEATLESS MONDAYS

The Burgers aren't
that good anyway

REUSABLE UTENSILS

Get reusable straws,
water bottles, forks
and plates for your
dorm



07

08



HYPOTHESIZE

Come up with an
educated guess based
on your research.

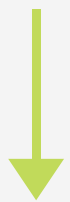
TEMPERATURE CONTROL

Open windows
instead of turning
on AC or put on a
sweatshirt instead
of turning up the
heat



09

10



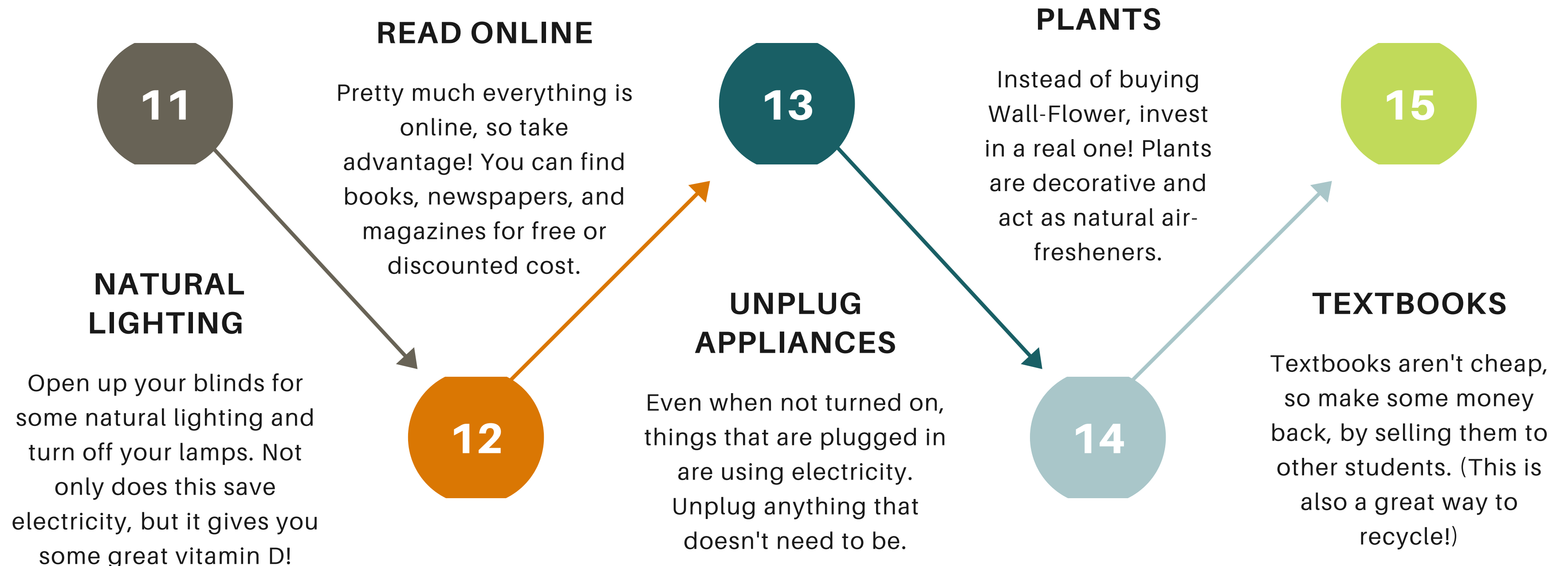
READ LABELS

Don't buy products
that endanger
wildlife. Instead,
look for Fair Trade
certified goods.



Things to do at Home

Simple Sustainability Tips and Tricks You Can do
Everyday



Common Misconceptions





Common Misconceptions

Some Common False Ideas about Sustainability

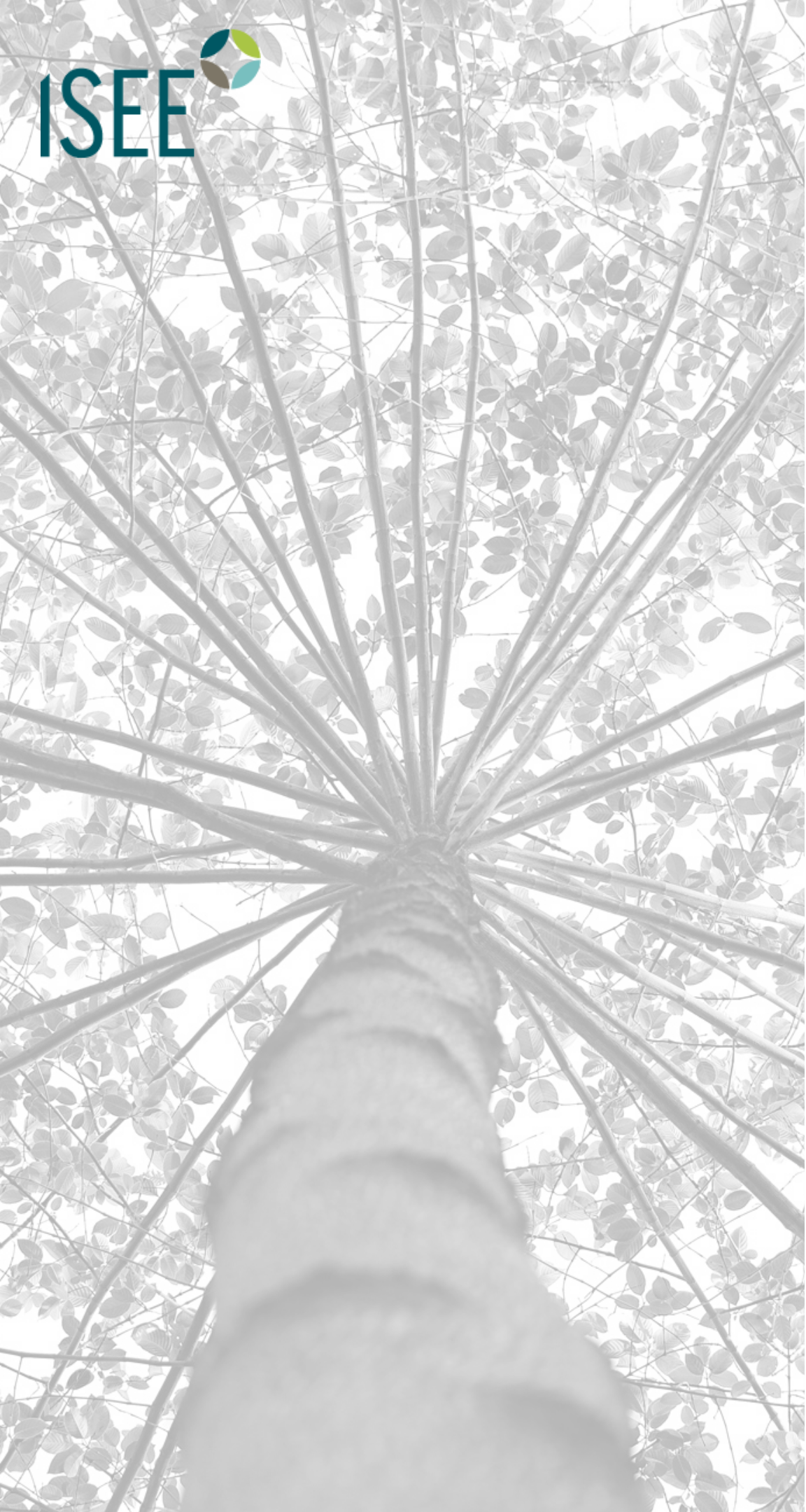




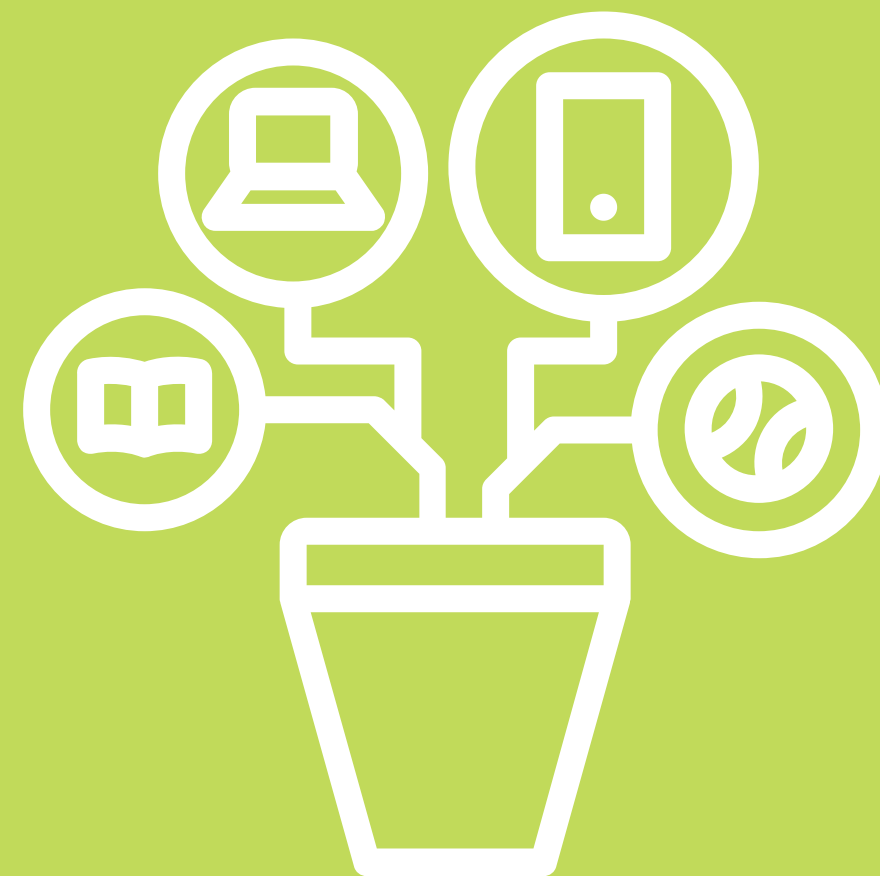
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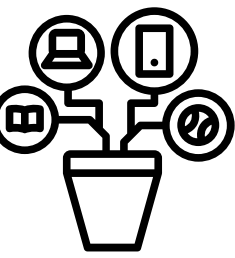
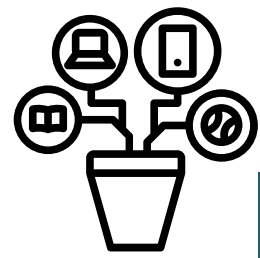
Some Common False Ideas about Sustainability





Resources





ISEE

Institute for sustainability, energy, and environment at the University of Illinois. Central website for all sustainability and environmental information.

<https://sustainability.illinois.edu/>

CAMPUS RESOURCES

A list of Campus resources compiled by EaSE (Energy and Sustainability Engineering) at Illinois.

<https://ease.illinois.edu/resources/master-list-of-campus-resources/>

DORM MAINTENANCE

Non-emergency:

<http://www.housing.illinois.edu/Housing/maintenance>

Emergency during business hours:

217-333-5656

Emergency during non-business hours: **217-333-2779**

MINORING IN SUSTAINABILITY

Information on requirements for a minor in sustainability:

https://sib.illinois.edu/undergraduate/programs/minor_sustainability