SCOPE OF THE PLAN

• Ithaca campus
• All students, faculty & staff (prospective students, alumni, retirees?)
• Plan is revised every 5 years (2018-2023)
• But, goals may be more long term
• High level goals. No tactics or projects.

RESPONSIBILITIES

• The Presidents’ Sustainable Campus Committee and a Steering Committee will guide the creation of the plan, finalize goals, and help oversee the final product
• The entire campus community is responsible for helping input creative ideas and implementing actions to make our goals a reality

LEARN MORE:
sustainablecampus.cornell.edu > about > sustainability plan

PROVIDE FEEDBACK:
tinyurl.com/csp2018

What do the goal #s mean? The numbers preceding each goal are for internal tracking only – these help us keep track of which goals have merged or been created as we generate new ideas across the campus.
PLAN OUTLINE

• Our Commitment
• Our Goals
• Our Plan for Implementation

GOAL AREAS

Climate Leadership
*Neutrality, Community, Adaptation & Resiliency*

Sustainable Campus
*Buildings & Energy*
*Food*
*Land & Water*
*Purchasing & Waste*
*Transportation*

Campus Community
*Education & Empowerment, Inclusion, Health & Wellbeing*

Living Laboratory & Learning
*Demonstration, Literacy, Research, Engaged Learning*

Why is this important? What is our vision and promise in the creation of a leading, innovative sustainable campus?

We need your help to create innovative, smart goals for each of these topics.
YOUR ROLE

To create goals for the next 5 year sustainability plan update which are time bound, metric based, and some brilliant combination of achievable yet visionary and grounded in science.

CONSIDER

• Goals need to be high-level, aspirational, and SMART.
• Think with your head and your heart.
• Be bold.
• Consider leading science & research.
• Is there a good balance of goals across our quadruple bottom line:
  – That support people, justice, and wellbeing?
  – Increase prosperity and economic stability?
  – Help us serve our academic purpose and innovation potential?
  – Create and support a more sustainable planet?
OUR COMMITMENT

Our people and planet face unprecedented changes of immense scales, especially our rapidly changing climate – it is urgent and necessary that we take action.

At Cornell University, we embrace these challenges and we commit to work toward sustainable futures for all. Our campus will serve as a living laboratory for such a transformation. Every individual will play a role in re-imagining the way we learn, work, and lead our lives, integrating sustainability into the culture of the university.

As members of the Cornell community, we must grasp our unique opportunity to empower one another, become the leaders of today and tomorrow, and partner for greater impact in the pursuit of a sustainable campus, community, and world.

We must be brave enough to learn, live, and lead in ways we have never done before.
OUR ASPIRATIONS

By fulfilling our commitment, we will achieve:

1. Bold leadership through discovery and demonstration of solutions for a low-carbon, resilient, and climate-adapted future.

2. A powerful living laboratory for sustainable solutions through research, learning, and demonstration on our campus and in our community.

3. An accessible campus that responsibly uses resources, mindful of our ecological footprint and the need for natural spaces that promote people's health, happiness, and well-being.

4. Demonstrated culture of sustainability through personal leadership, behavior, and inclusion which are second nature to every member of the Cornell community.

5. Climate change and sustainability literacy for every person, in every study and every role cultivating scholastic curiosity and dialogue among Cornellians and community members.

6. An equitable and sustainable future for the Finger Lakes region, New York State, and beyond through collaboration and innovation.
CLIMATE LEADERSHIP

Campus Carbon Neutrality

CL 1  Create a carbon neutral campus by 2035 using the existing Climate Action Plan to guide our work.

CL 2  Serve as a leading voice in convening and championing the partnerships, science and solutions necessary to reduce carbon emissions and address climate change challenges, as a key convener with civic, public, federal, and local partners.

Climate Adaptation and Resilience

CL 3  Develop a climate adaptation plan for Cornell's people, systems, and resources by 2023 to prepare for and model resiliency in the face of climate change impacts in the Finger Lakes region.

Climate Literacy

Goal: By 2023, 100% of students will be measurably climate literate before graduation.

Goal: By 2023, 100% of employees will be measurably climate literate within two years of their start date.
BUILDINGS & ENERGY

Design & Construction

BE 4 Build 100% of new and renovated buildings to meet or exceed Cornell Design and Construction Standards and LEED Gold Standards.

Culture of Care

BE 5 Develop and begin implementation of a program by 2020 which enables facility managers to create building-wide cultures of sustainability in which empowered building occupants are aware of and accountable for their contribution to a high-performance building.

Energy Supply & Demand

BE 1 Meet 100% of campus energy needs with renewable energy by 2035 through implementation of Earth Source Heat, development of renewable energy sources, and strong energy conservation efforts.

Operations & Maintenance

BE 6 Create and adopt cutting-edge sustainable operations and maintenance guidelines to ensure 100% adoption of low-impact, healthy, comfortable, and productive building management practices by 2020.
BUILDINGS & ENERGY

BE 7  Continue the management of campus growth by fully implementing the Space Optimization Plan, ensuring maximum optimization, use and allocation of existing campus space by 2020. (reinforce CAP % target?)

BE 7  Through Green Office, Lab, and other certification programs, ensure 100% of Cornell's campus spaces (interior) are sustainability certified by 2025.
FOOD

Health & Access

F 2 Ensure 100% of Cornell community members have equitable access to nutritious, affordable, holistic, and culturally appropriate food on campus by 2019.

Operations

F 4 Increase supported partnerships with local food suppliers which support regional job development, maintenance of a diverse small business economy, and sustainable food sourcing including from campus sources, 20% by 2025.

F 6 Reduce food-related waste in all campus food units, dining and retail to less than 20% by 2025.
LAND & WATER

Management

LW 25  Create and adopt at least one campus-wide soil and vegetation management policy from each of the following by 2023:
• protect critical resources
• reduce erosion and natural systems loss
• emphasize use of resilient campus ecological design in the face of a changing climate
• encourage biodiversity
• measure ecosystem services
• advocate for accessibility and exploration for campus community & visitors

LW 26  Adopt SITES certification or equivalent into campus construction standards by 2023, including SITES standards for design and management of vegetation, soils, water, materials, and human health and well-being.

Planning & Design

LW 24  Develop designation criteria & mapping which helps to define how & where Cornell lands protect, preserve, and enrich ecosystem services by 2019.

LW 27  Create and launch a comprehensive sustainable landscape and water management plan by 2023.

LW 28  Develop a stormwater management plan that incorporates a green infrastructure approach, with an interpretive component by YEAR.
PURCHASING & WASTE

Community Partnerships
PW 8  Ensure 100% of approved Cornell Vendors adopt our sustainability standards by 2035.

Purchasing
PW 5  Fully implement the Cornell sustainable purchasing guidelines to increase the proportion of sustainable purchasing made throughout campus 50% by 2020.
PW 7  Increase percentage of purchases made from disadvantaged businesses, social enterprises, or local community-based businesses from 16% to 25% of all purchases by YYYY.

Waste
PW 12  Reduce overall waste generation including recycling, compost, and landfill by 20%, and achieve a 30% per capita reduction in landfill waste, by 2020.
PW 13  Double the volume of materials reclaimed and resused through Dump & Run and other ongoing campus reclamation programs by 2020.
TRANSPORTATION

Business & Commuting

T 2 Enable 75% of employees and 99% of students to use sustainable modes of transportation as their primary method of commuting by 2020.

T 4 Reduce vehicular traffic XX% on central campus by developing a more robust and efficient campus circulator, and implementing central delivery and distribution by 2030.

T 5 Enable mission-linked carbon offsets for air travel by all employees by 2020.

Campus Fleet

T 1 Transition 75% of campus fleet vehicles to alternative fuels by 2020.

Human Wellbeing

CC Create a universally accessibly campus which ensures all Cornell community members, of all capacities, can access the full technological, physical, transportation, and natural resources of our campus through the creation of an Accessibility Policy/Plan/??????
CAMPUS COMMUNITY

Education & Empowerment

CC 1    By 2023, 100% of colleges/units create & support a dedicated Sustainability Team which promotes opportunities for integrating sustainability into the personal behaviors, operation, and culture of the college/unit.

CC 9    By 2023, 100% of supervisors are equipped to evaluate sustainability competencies of employees, and employees are evaluated annually on how they meet those competencies, leading to a two-way dialogue on sustainability in the workplace.

CC 15   Ensure all employees have access to sustainable investment opportunities for personal retirement portfolios by 2019.

CC 17   Create and deploy a comprehensive set of strategies to engage the community in highlighting green infrastructure, such as QR codes and signage, to increase engagement with natural resources and encourage use of natural landscapes for research and place-making.
CAMPUS COMMUNITY

Education & Empowerment

CC 18 Develop and administer educational training to 100% of Cornell employees on waste, lifecycle product use, and sustainable materials management strategies they can employ in campus offices, labs, buildings and events by 2020 (culture of sustainability).

Health & Wellbeing

CC 10 Enhance personal sustainability initiatives and integrate STARS metrics and existing Human Resources initiatives on health and wellbeing into university programs for students and employees by 2020.

CC 14 Create & define a metric for measuring well-being & happiness and integrate into the sustainability plan and other project metrics by 2020.
CAMPUS COMMUNITY

Inclusion & Diversity

Understanding that we need a safe and productive community culture to achieve our aspirations...

CC 4 By 2019, represent campus compositional diversity, including but not limited to gender, ethnic, political, socioeconomic and academic, within campus sustainability governance structures.

CC 5 Enhance new and on-going diversity and inclusion initiatives by integrating concepts of climate & environmental justice and STARS Diversity & Equity metrics WHERE? by 2021.
LIVING LABORATORY

Demonstration

LL 7 Every college/unit provides living laboratory projects for students and employees to engage in applied research and experiential learning, and accelerate operational innovation by 2021.

Literacy & Leadership

LL 2 By 2021, provide opportunities for 75% of students to participate in immersive and sustainability-focused educational study programs addressing the social, economic, and environmental dimensions of sustainability.

LL 10 By 2023, 100% of students are climate & sustainability literate before graduation.

LL 11 By 2023, 100% of employees are climate & sustainability literate within two years of their start date.

LL 3 By 2020, identify the program pathways & funding opportunities for innovation and interdisciplinary research focused on active learning and community partnerships for sustainability living laboratory work.
LIVING LABORATORY

Literacy & Leadership

LL 5 By 2020, establish a university open access policy that ensures scholarly articles and research done by faculty and employees is centralized in a designated open access repository.

Public Engagement

LL 9 By 2019, establish the highest priority living laboratory focus areas which serve educational and pressing world sustainability challenges across disciplines, colleges/units, and in service of the campus and the broader Ithaca and NY State community.

Goal: By 2018, advance inter-campus collaboration and public engagement in adopting sustainability solutions by serving as a leader, collaborator, and advocate.

Goal: By 2021, establish network for employees to identify and explore living laboratory projects across disciplines, colleges/units, and the broader Ithaca and NY State community.
SHARE YOUR IDEAS & FEEDBACK

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