

# EAC NETWORK CONFERENCE



Sustainability  
Strategic Plan  
2030



# Goals

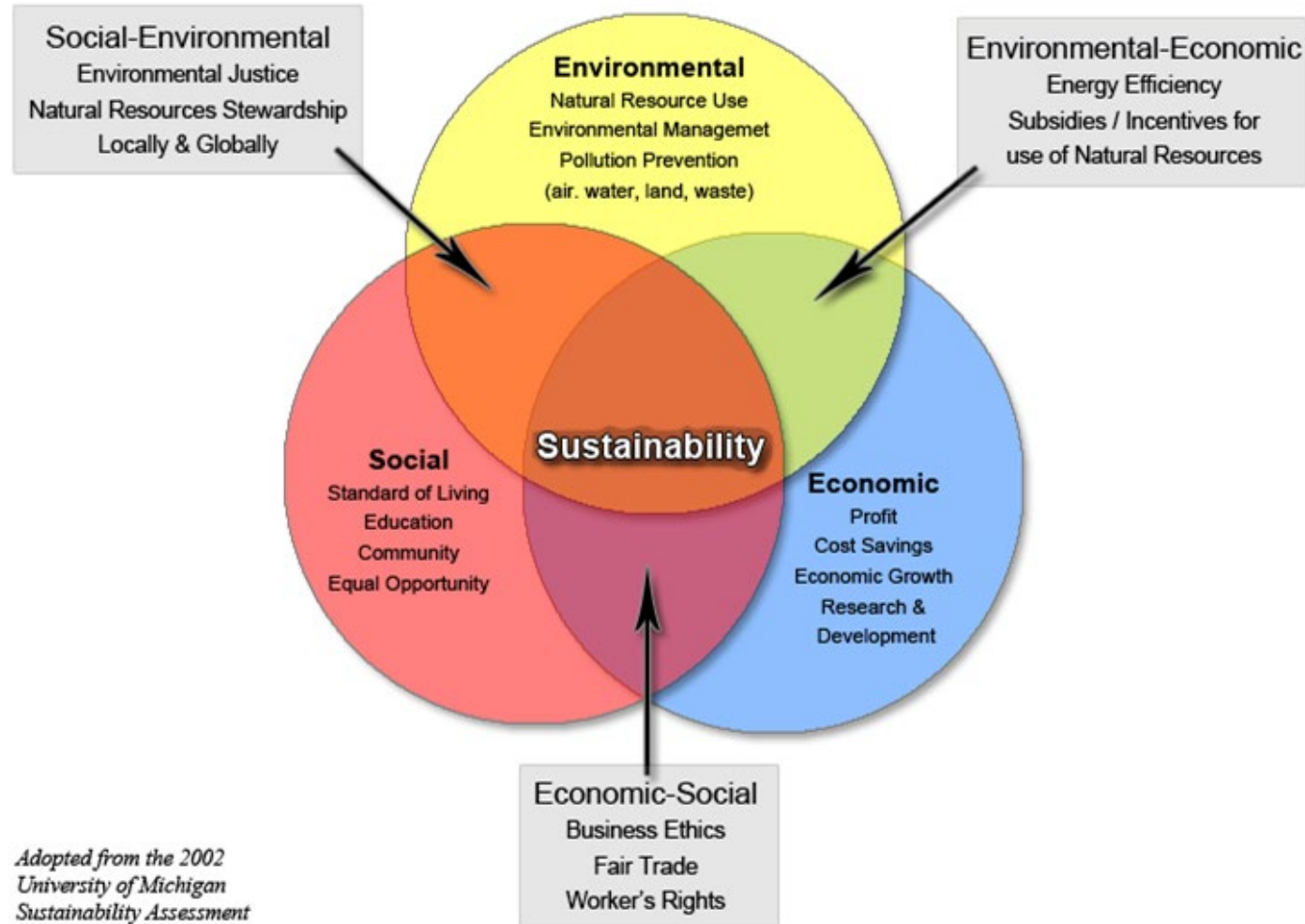
- Share an overview of Lehigh's Sustainability Strategic Plan 2030
- Understand what the strategic planning process involved
- Learn how we set the scope for the goals in the plan and how we will measure progress



# WHAT IS SUSTAINABILITY?



# THREE PILLARS OF SUSTAINABILITY



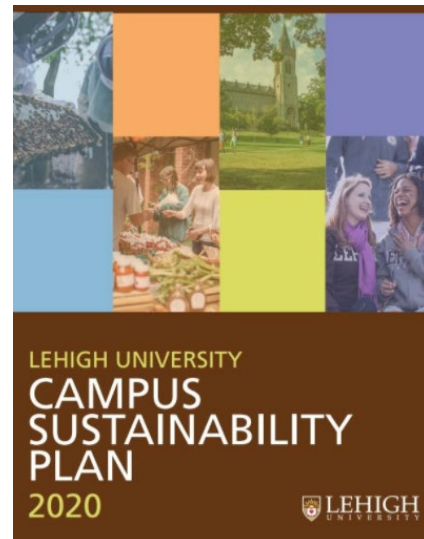
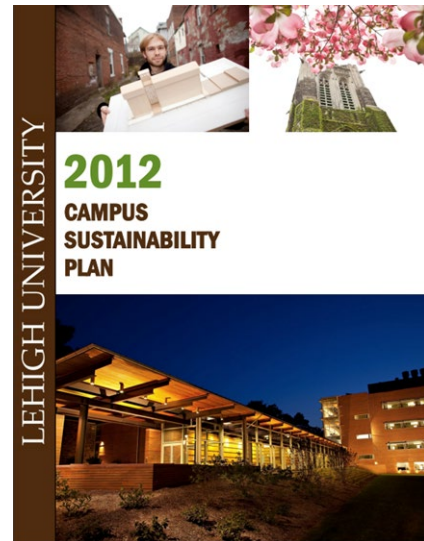
# VISION AND MISSION

*We envision an inclusive Lehigh community where sustainability is an integral part of the institutional ethos, which inspires ecologically sound, socially just, and financially prudent action that improves the well-being of people and the environment, and positions Lehigh as a local and global leader.*

*Our mission is to advance solutions to support long term sustainable change in operations, academics, and administration to meet the evolving challenges of a changing world, mitigate the effects of climate change, and develop and empower future leaders.*

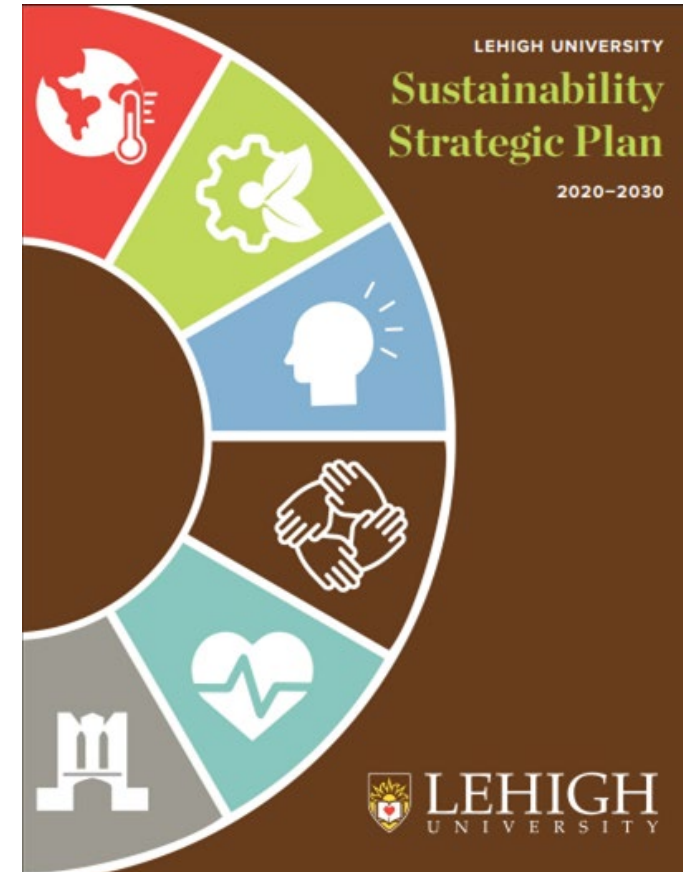


# LEHIGH SUSTAINABILITY PLANS



# SUSTAINABILITY STRATEGIC PLAN 2030

- 10 years. 6 focus areas. 113 goals.
- Establishes long-term vision
- Interdisciplinary and interdepartmental effort
- Operational efficiencies and cost savings
- Positive impact on our students

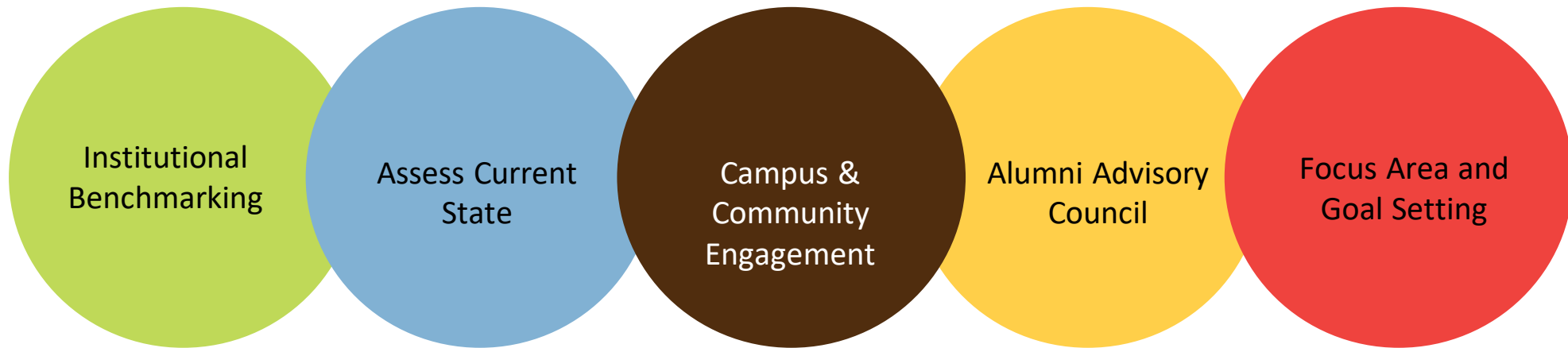


# TIMELINE

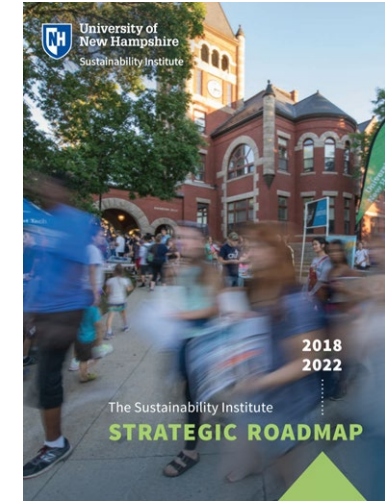
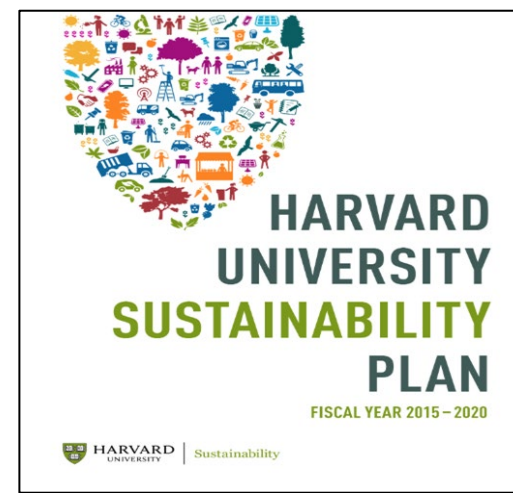
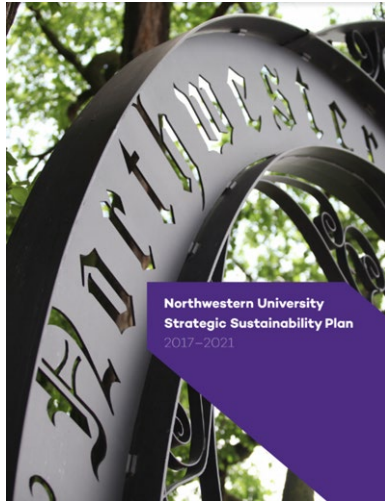










# STRATEGIC PLANNING PROCESS



# INSTITUTIONAL BENCHMARKING



# ASSESSED CURRENT STATE

| Campus Sustainability Plan 2020   |   |   | Page 1 of 7  |
|---|---|---|--|
| 2019 Progress Report  |   |   |  |
| <br>Academics & Educational Experience | Goal  | Progress  | Next Steps   |
|   | Establish an ongoing program that offers incentives for faculty to develop new sustainability courses and/or incorporate sustainability |    | Lehigh held a day-long workshop on integrating sustainability in the curriculum, which was open to faculty in all four colleges. Two additional 1-hour workshops have been held. The LSC Education Subcommittee will hold a similar day-long workshop for faculty in Spring 2020 and beyond.                                     |
|   | Create an inventory of academic courses that include sustainability and make publicly available   |    | The Office of Sustainability has completed an annual inventory of academic courses that include sustainability since 2014/2015. It is publicly available on the Lehigh Sustainability website.   |
|   | Create and publicize an inventory of faculty who conduct research   |   | Will include request for faculty names involved in sustainability research (including overview of sustainability research including fields represented and character and content of the work) in the FY2020 survey. Partner with the Sustainability and Communications offices, to produce web content and other communications. |
|   | Create program to encourage faculty sustainability research   |  | Through the provost, will request reporting from deans on hiring plans and thematic priorities related to the AASHE definition of sustainability research. Will set expectation of academic units to consider sustainability research as it is carried out in the disciplines represented at the university.                     |
|   | Include sustainability as a learning outcome when graduating from degree earning programs   |  | Sustainability is included as a learning outcome in the College of Engineering and the College of Arts and Sciences. The LSC Education Subcommittee will work on adding it in the other two colleges.  |





# CAMPUS & COMMUNITY ENGAGEMENT

- Two-Part Campus Workshop Series - February and March
- Lehigh Sustainability Council (faculty, staff, students, senior leadership)
- Bethlehem EAC and planned community meetings (impacted by COVID-19)





# ALUMNI ADVISORY COUNCIL



Brendan Casey '11



Patricia Chaves '92G



Amy Earley Morton '93



Victoria Herrmann '12



Ellen Iobst '81



Chang Liu '12



John Matranga '88



Sunil Misser '89



Genna Reed '09



Ben Walmer '98



Daniel Zarrilli '97

# 2030 PLAN FOCUS AREAS



Climate Action



Campus Operations



Educational Experience



Culture & Engagement



Health and Wellness



Focused Leadership



# KEY HIGHLIGHTS

## Climate Action



**\*\*DEVELOP A CLIMATE  
ACTION STRATEGY BY**

**2021**

that establishes a carbon  
neutrality goal, subject to  
board approval

**\*\*Develop a plan to fully  
transition the campus fleet to**

**RUN EXCLUSIVELY ON  
RENEWABLE ENERGY BY**

**2030**

**\*\*OFFSET**

**100%**

of Lehigh's electricity  
consumption with renewable  
energy in 2023

## Educational Experience



Establish at least one

**SUSTAINABILITY  
LEARNING OUTCOME**

in each of the five colleges by

**2025**

Create and launch the

**CAMPUS SUSTAINABLE  
IMPACT FELLOWSHIP  
PROGRAM BY**

**Spring 2021**

## Campus Operations



Develop a  
comprehensive plan  
to make all on-campus

**FIRST-YEAR ORIENTATION  
ACTIVITIES ZERO WASTE BY**

**2025**

Install

**5-8**  
additional

**ELECTRIC VEHICLE  
CHARGING STATIONS**

on campus



# KEY HIGHLIGHTS CONT.

## Culture & Engagement



Expand the  
**SUSTAINABLE OFFICE PROGRAM**  
to reach

**70%**

of full-time faculty and staff by  
2024, 85% by 2026, and

**90-100%**

by 2030

Fully integrate the  
**ECO-REP LEADERSHIP PROGRAM**  
by reaching

**80%**

awareness among residents  
by 2024 and

**90-100%**

by 2027

## Health and Wellness



Develop and implement a

**SUSTAINABLE AND  
HEALTHFUL FOOD  
PURCHASING POLICY**

**in 2021**

**By 2022**

develop university-wide  
**SUSTAINABLE CATERING  
STANDARDS**  
and implement in  
phases by 2025

## Focused Leadership



**RANK IN THE TOP**

**100**

schools on the Sierra  
Club Coolest Schools  
List by 2024

**ACHIEVE AASHE  
STARS**

**GOLD**

by 2022 and AASHE  
STARS platinum  
by 2030



# MEASURING & REPORTING SUCCESS

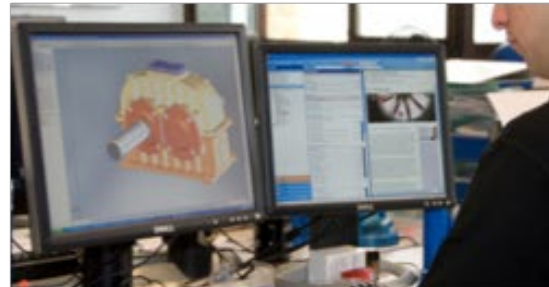


# SUSTAINABILITY METRICS

| FOCUS AREA     | GOAL HIGHLIGHT  | METRIC   | SDGs               | TIME-FRAME<br>(0-5 or 5-10) | LEAD DEPARTMENT   |
|----------------|---|--|--------------------|-----------------------------|---|
| Climate Action | <b>GOAL 1</b> **Resiliency Assessment   | Resiliency assessment developed/not developed and shared/not shared by 2023; Assessment implemented/not implemented based on the targets set | 9, 11, 13          | BOTH                        | Office of Sustainability; LU Facilities; Risk Management; Human Resources; Steering Committee; Working Committees |
|                | <b>GOAL 2</b> Co-Operative Planning and Engagement  | Participated/did not participate in co-operative planning  | 9, 11, 13          | BOTH                        | Office of Sustainability  |
|                | <b>GOAL 3</b> **Development of Climate Action Strategy                                    | Climate Action Strategy developed/not developed and shared/not shared by 2021; Strategy implemented/not implemented based on targets set     | 7, 9, 11, 13       | BOTH                        | Office of Sustainability; LU Facilities; Steering Committee; Working Committees                                   |
|                | <b>GOAL 4</b> Scope 3 Emissions Tracking  | Better way to measure, track and reduce Scope 3 emissions developed/not developed by 2025  | 13                 | 0-5                         | Office of Sustainability  |
|                | <b>GOAL 5</b> **Scope 3 Carbon Offsets  | Carbon offsets offered/not offered for travel emissions by 2023; Payroll deduction developed/not developed for commute emissions by 2024     | 11, 13             | 0-5                         | Office of Sustainability  |
|                | <b>GOAL 6</b> **Implementation of Climate Action Strategy and Central Utility Master Plan | Recommendations implemented/not implemented based on targets set in Climate Action Strategy  | 7, 9, 11, 13       | BOTH                        | LU Facilities; Office of Sustainability; Steering Committee; Working Committees                                   |
|                | <b>GOAL 7</b> Campus Space Utilization  | Campus spaces audited and assessed/not audited and assessed by 2022; Parameters and goals developed/not developed by 2025                    | 11, 12, 13,        | 0-5                         | LU Facilities   |
|                | <b>GOAL 8</b> Fixture Replacements  | Replacements completed/not completed based on targets set in Climate Action Strategy   | 11, 13             | BOTH                        | LU Facilities   |
|                | <b>GOAL 9</b> Building Efficiency Retrofits   | Retrofits completed/not completed based on targets set in Climate Action Strategy  | 9, 11, 13          | BOTH                        | LU Facilities   |
|                | <b>GOAL 10</b> Life-Cycle Cost Analysis   | Process developed/not developed by 2023; Methods and procedures incorporated/not incorporated by 2024  | 11, 12, 13, 14, 15 | 0-5                         | LU Facilities   |
|                | <b>GOAL 11</b> **Clean and Renewable Energy   | 100% of Lehigh's electricity consumption offset/not offset in 2023   | 7, 11, 13          | 0-5                         | LU Facilities   |
|                | <b>GOAL 12</b> **Offsetting Natural Gas Usage   | Opportunities sought out/not sought out  | 7, 9, 11, 13       | BOTH                        | LU Facilities   |
|                | <b>GOAL 13</b> **Transportation Master Plan   | Study done/not done by 2021; Fleet fully transitioned/not transitioned by 2030   | 9, 11, 13          | BOTH                        | Transportation & Parking Services; Office of Sustainability   |



# A LEGACY PROJECT



1990s

2020

LEHIGH LEGACY



Beyond...

LEHIGH



# THANK YOU!

Contact Information  
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2030 Plan Website  
[go.lehigh.edu/2030plan](https://go.lehigh.edu/2030plan)

