

Creating a Culture of Decarbonization

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Welcome



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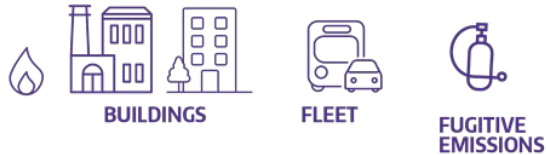
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Greenhouse Gas Emissions '101'

SCOPE 2 ELECTRICITY GENERATION EMISSIONS



SCOPE 1 DIRECT EMISSIONS



W

AIR TRAVEL



SCOPE 3 INDIRECT EMISSIONS



STAKEHOLDER MAPPING

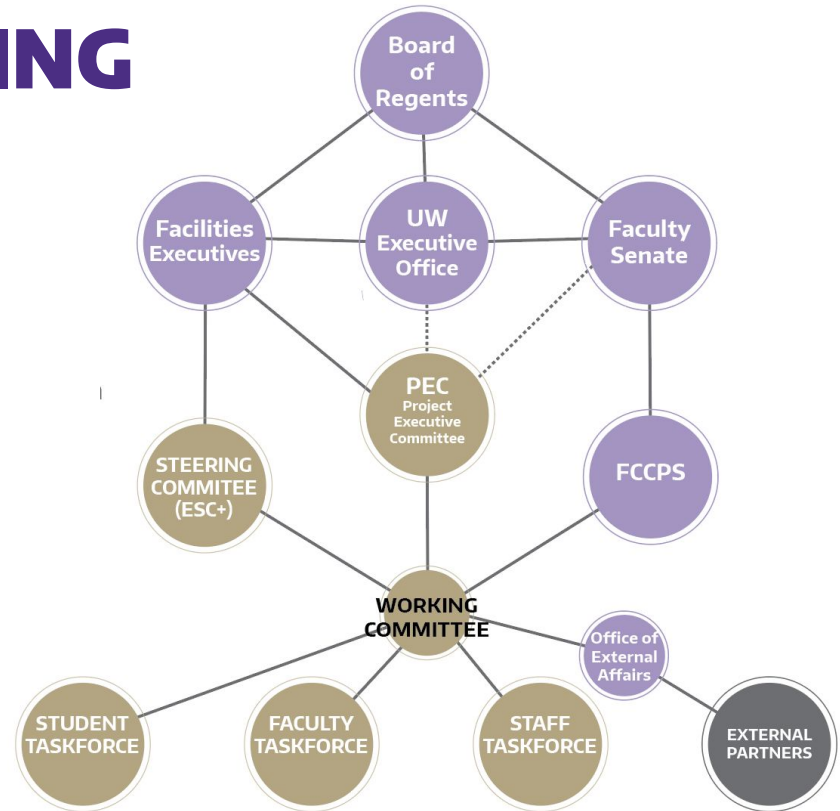
● Formed to support UW Decarbonization

● Pre-existing UW group/entity

● External to UW

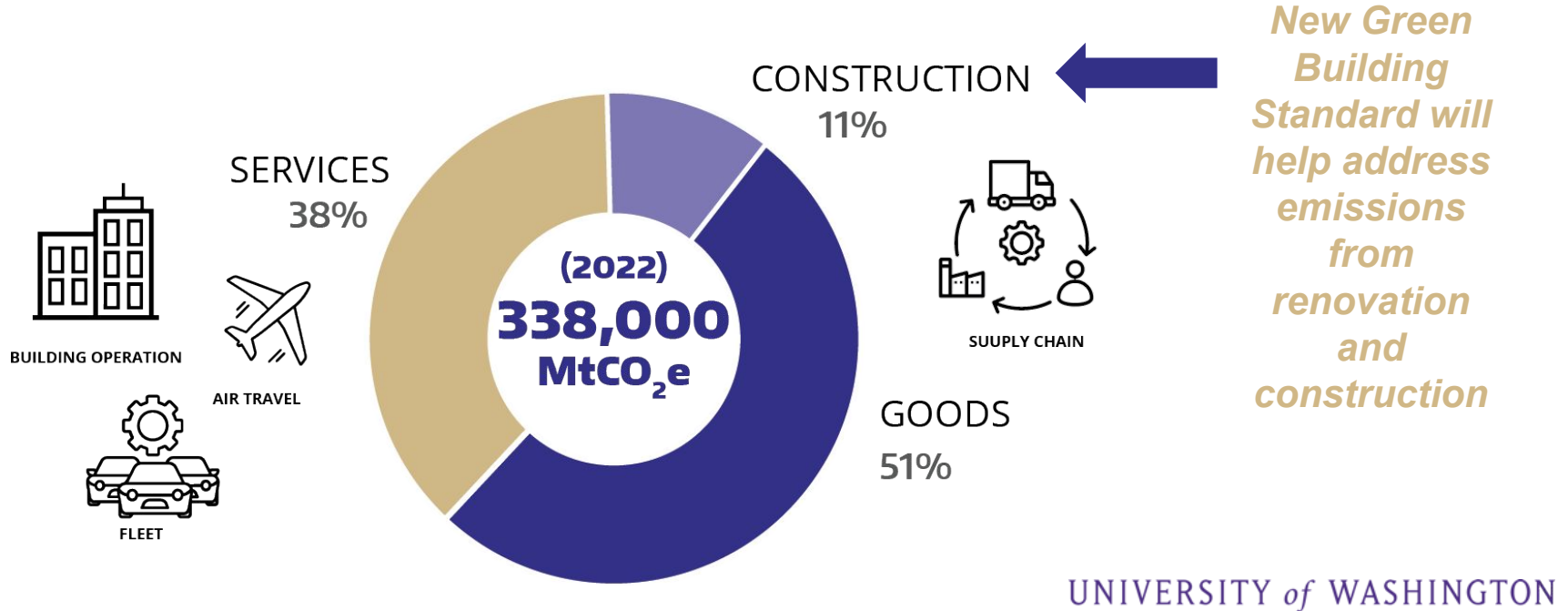
— Direct connection/influence

... Indirect connection/influence

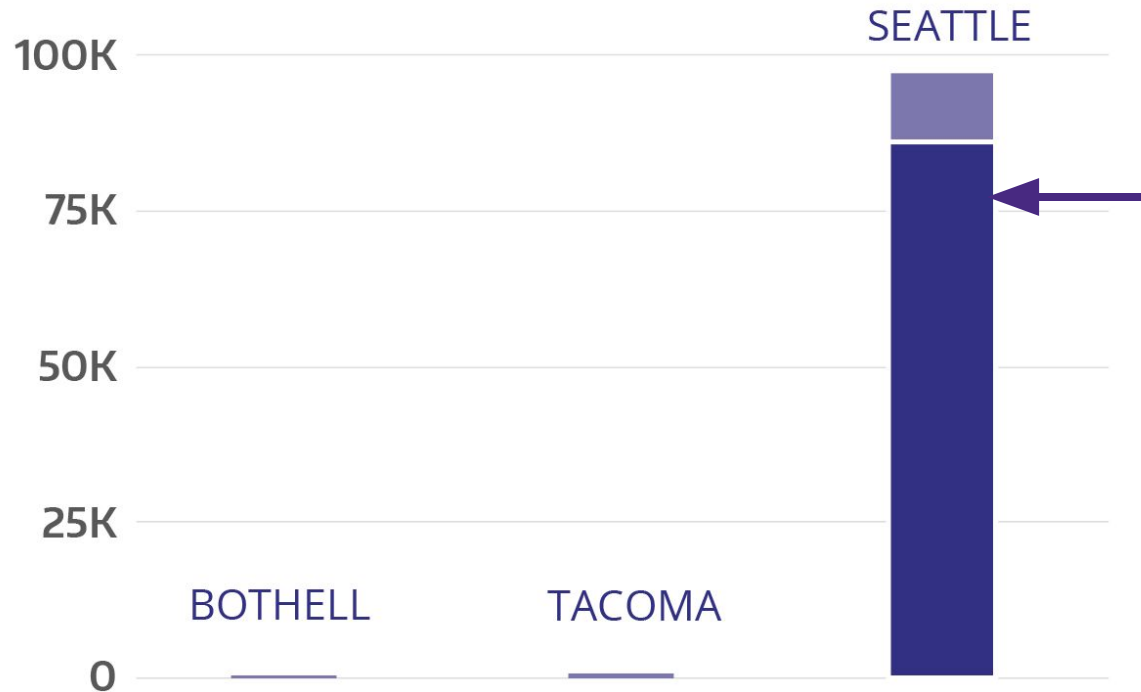


UNIVERSITY of WASHINGTON

IDENTIFYING KEY AREAS OF INFLUENCE



IDENTIFYING KEY AREAS OF INFLUENCE



93% of UW's direct emissions are from the power plant

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NEW UW Green Building Standard

PROJECT TYPES

TIER 1

new construction
major renovation



TIER 2

partial renovations
interiors projects



TIER 3

system
upgrades



TIER 4

non-energy
projects



TARGETS



WATER

25-40% below code
depending upon project



ENERGY

EUI below state requirement



LEED GOLD (or equivalent)
some required credits



EMBODIED CARBON

<500kg CO₂e/m² in primary
materials

ECOLOGY

HEALTH & WELLNESS

EQUITY

New UW LEED
Scorecard with
required credits

New UW Friendly Bird
Guidelines – created
by a PHD student!

Pilot a fitwell credit
Include showers &
changing facilities

Lactation facilities,
Gender-neutral
restrooms

- No new fossil fuels
- Required Life Cycle Cost Assessment
- Must connect to District Energy System





Distinct & Intersecting Priorities Catalyze Climate Action




**Operational
Necessity**



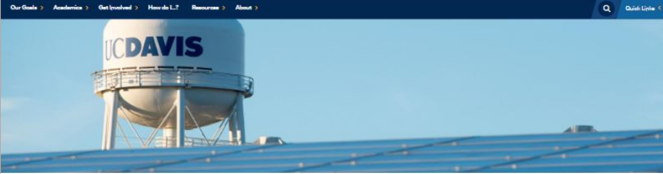
**Student-led
Activism**




**Institutional
Initiatives**


Sustainable UC Davis

[Our Goals](#)
[Academics](#)
[Get Involved](#)
[Research](#)
[About](#)




Sustainability is Hiring

Fossil Fuel-Free Pathway Plan

[Sustainable UC Davis](#)
[Resources](#)
[Fossil Fuel-Free Pathway Plan](#)

Fossil Fuel-Free Pathway Plan

Chancellor Bay & May directed the preparation of a plan for all of UC Davis to [reduce greenhouse gas emissions](#) and [source renewable energy](#), and we have more than 100 days to go. We are now studying how to minimize fossil fuel use from our operations with a Fossil Fuel-Free Pathway Plan. The UC Davis Fossil Fuel-Free Pathway Plan or FFFPP is the first of its kind and is a university of California campus and one of the earliest comprehensive plans in the U.S. higher education sector.

Background

UC Davis has taken action to reduce our greenhouse gas emissions and source renewable energy, and we have more than 100 days to go. We are now studying how to minimize fossil fuel use from our operations with a Fossil Fuel-Free Pathway Plan. The UC Davis Fossil Fuel-Free Pathway Plan or FFFPP is the first of its kind and is a university of California campus and one of the earliest comprehensive plans in the U.S. higher education sector.

Process

Chancellor May asked the co-chairs of the [Campus Advisory Committee on Sustainability](#) (CACoS) to ensure the plan is prepared and has time for feedback from the campus community. The Chancellor specifically did not set a date for approving fossil fuel-free operations. He wants the planning to document opportunities and resources needs and those things will ensure campus decisions to make data-driven decisions about implementation timing. To inform the planning process, the CACoS has created a consensus-based definition of fossil fuel-free for UC Davis, and articulated a consensus-based vision statement for the plan.

[Read more and share the news.](#)

Spread the word!

Our campus's Fossil Fuel-Free Pathway Plan was posted Dec. 2023. Read more about the release of the roadmap that will ensure university leadership to make informed decisions our move away from fossil fuel use in our operations.

[Read more and share the news.](#)

Additional Resources

Learn more about our campus efforts to become fossil free:

- [Campus Advisory Committee on Sustainability](#)
- [CACoS Charter Book](#)
- [CACoS](#)
- [Resources and Reports](#)
- [Campus Green Page](#)

Feedback and Education Opportunities

To learn about upcoming Fossil Free and other events related to UC Davis' greenhouse gas emissions, [sign up for the UC Davis Sustainability newsletter](#).

The draft Fossil Fuel-Free Pathway Plan was available for review to the UC Davis community for three months, from July 28 to Oct. 30, 2023. This feedback was reviewed by the CACoS before being submitted to Chancellor May for review in Dec. 2023.

[Read more](#) [Contact us](#)

[Upcoming Events](#)

big shift

UC DAVIS

Fossil Fuel-Free Pathway Plan

**“We don’t inherit the Earth
from our ancestors,
we borrow it
from our children.”**

Chief Si’ahl

Suquamish and Duwamish Chief
(1786-1866)

Guidelines (45 minutes)

1. Select one of the scenarios.
2. Working together, discuss how you might undertake the challenge.
3. Think about how you might define the problem, achieve buy-in, and make your pitch to stakeholders.
4. Plan to share out your insights!

Scenario 1: Facilities

Scenario 2: Transportation

Scenario 3: Waste Reduction

Scenario 4: Food Systems

Scenario 5: Procurement