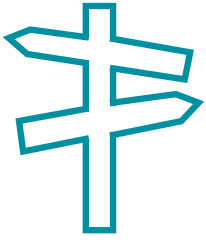
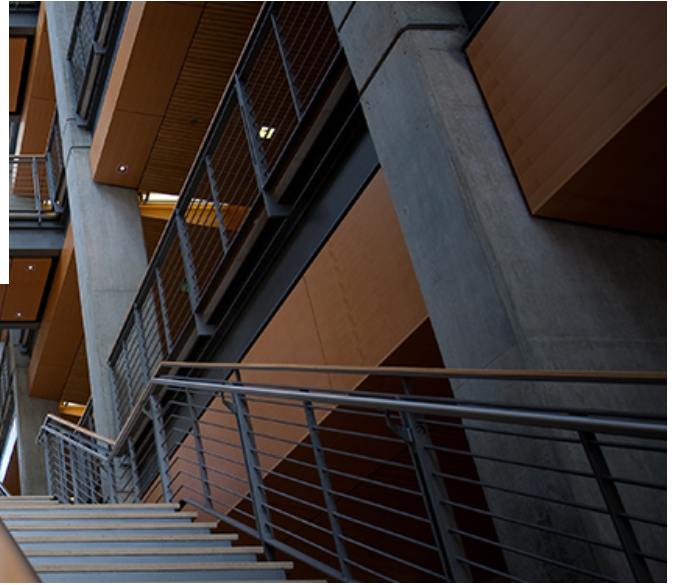


OREGON STATE UNIVERSITY SUSTAINABILITY OFFICE

Oregon State University has a variety of sustainability features that can be seen throughout the Corvallis Campus. This self-guided tour includes everything from an urban horticulture center to a solar array, and is designed to give you a broad look at OSU's sustainability innovations and accomplishments.

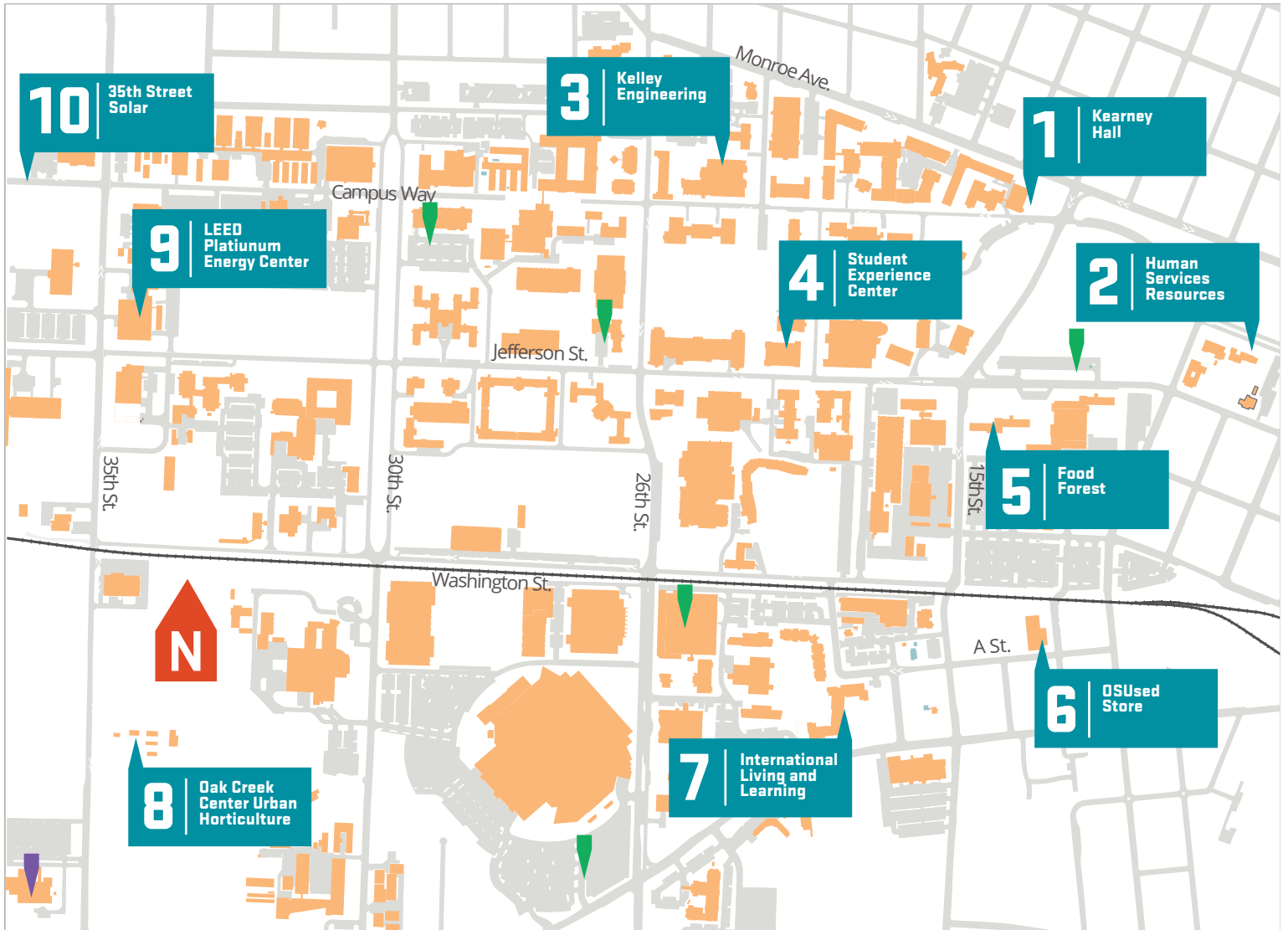


Self-Guided Sustainability Tour



OSU has **electric vehicle (EV) charging stations** throughout campus. We have two different types of chargers: Blink Level 2 EV chargers and ChargePoint Level 2 EV chargers.

The Western Building is home to the **Sustainability Office**. Come visit with any questions or concerns about campus sustainability.



1

Green
Renovation

Kearney Hall

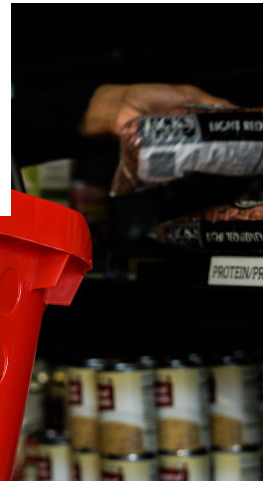


Originally built in 1899, Kearney Hall was OSU's first engineering building. It was remodeled in 2008, reaching a Gold level within the Leadership in Energy and Environmental Design (LEED) green building rating system. The building is used as a teaching tool with state-of-the-art classrooms, and "window" openings into the walls and other building systems for a cutaway view of the building that is always accessible to students.

2

Basic
Human
Needs

Human Services Resource Center



The HSRC provides direct service, outreach, education, and referral services to students and is focused on alleviating the effects of hunger and poverty. Programs include a food pantry, textbook lending program, on-site shower and laundry, and more. HSRC also works to create a dynamic learning environment in which students, faculty, staff, and the community can learn how to best address current societal challenges facing college students.



3

Green
Building

Kelley Engineering

As OSU's first certified green building, reaching LEED Gold level, Kelley Engineering Center has many features common to green buildings, and a few uncommon ones. Features include:

- A 16,500 gallon rainwater system that provides water to toilets and urinals
- Ample daylight throughout the building.
- A natural ventilation system that reduces energy use from air conditioning.
- Systems designed to use about 30% less electricity and 70% less water than code.
- Permeable paving that allows rainwater to naturally soak into the soil, mimicking a more natural setting, and reducing burden on storm water systems.
- A solar thermal system that supplies much of the hot water needed for restrooms, kitchen areas, and bike room showers.



4

Community Engagement & Leadership

Student Experience Center

The SEC is home to Community Engagement and Leadership and many student organizations. Features include:

- Reclaimed lumber used throughout the project from wood salvaged from downed trees on the Corvallis Campus
- Indoor air quality is maximized by selecting low - or no - VOC paints, sealants and carpets
- A student maintained edible garden on the southeast corner of the building showcases what edibles can look like in a core university campus setting
- Radiant heating and cooling throughout the building cuts costs for ventilation, reduces noise from fans, and improves air quality
- A bicycle fix it station is on the north side of the building
- Rooftop solar produces about 5% of the building's electricity, saving about \$4,500 annually



5

Organic Garden

Food Forest

The OSU Food Forest, located outside of Callahan Hall, serves as a small organic garden that grows fresh produce for University Housing & Dining Services (UHDS). The garden is maintained by two UHDS Landscape and Horticultural Program Coordinators with the help of OSU students and staff. The garden provides fresh, organic food and involves students and staff in the process, furthering OSU's objective of using the campus as a living laboratory.



6

Reduce, Reuse, Recycle

OSU Used

The OSU Used Store, OSU's on-campus thrift store, has moved its merchandise online for sale via Public Surplus. They carry a remarkable variety of items, including computers, electronics, furniture and more. The store is run by Surplus Property, which works to reuse property no longer needed by OSU and other local government agencies. Thanks to efforts by Surplus and Campus Recycling, OSU has won more Recycle Mania Civil War competitions than University of Oregon over the last ten by recycling and composting the most material per person!



7

Green Residence Hall

International Living Learning Center

The ILLC was built to LEED Gold standards and includes innovative and green features like:

- A bioswale surrounding the east parking lot which catches runoff and filters debris before draining into the local stormwater system
- OSU's largest solar thermal system that supplies much of the hot water needed for restrooms, showers, and kitchen areas
- Permeable pavement in the west parking lot allows groundwater to recharge or infiltrate before flowing into the local stormwater system.
- Extensive natural lighting
- Rain gardens and innovative landscaping surrounding the building, cutting down on water usage.



8

Horticulture & Restoration

Oak Creek Center for Urban Horticulture

This site, located along Oak Creek, was once used to teach beekeeping. An interdisciplinary group of faculty and students have created a space that provides a forum for learning that integrates landscaping, ecological restoration, green building technologies, community food systems, organic horticulture production, natural history, science, the arts, and cultural ecology.

Food grown in the community garden is donated to Linn-Benton Food Share. Students and faculty are also investigating how vegetated green roofs can provide various ecosystem services such as stormwater mitigation and biodiversity, designing innovative urban landscapes, and helping to restore the ecological functions of Oak Creek.



9

Reducing Greenhouse Gases

Energy Center

The LEED Platinum-rated Energy Center provides steam to heat campus and about 40% of OSU's electricity. It is one of the few support and operations buildings in the US to receive a Platinum rating.

By making electricity on campus, "waste" heat can be used in campus buildings. This is known as co-generation. In addition to improved efficiency, plant systems can burn renewable fuels like biodiesel and methane gas. The plant includes various green building technologies like rainwater harvesting, efficient lighting, and low impact landscaping.



10

Local Renewable Energy

35th Street Solar Array

A six acre, 1.435 megawatt array is located adjacent to the Campus Way bike path just west of OSU's farm services buildings. Sheep still graze this pasture, which now serves multiple uses providing electricity and grass, and serving as a research, education and outreach space. This site produces enough electricity to power 167 homes for a year or offset CO2 emissions from 136,206 gallons of gasoline per year.

This array is one of five large ground-mounted solar electric (photovoltaic) arrays installed on OSU land, totaling about 10 acres of solar! Four of the five systems are connected to OSU buildings, which makes these buildings net zero energy buildings, supporting OSU's path to carbon neutrality.

