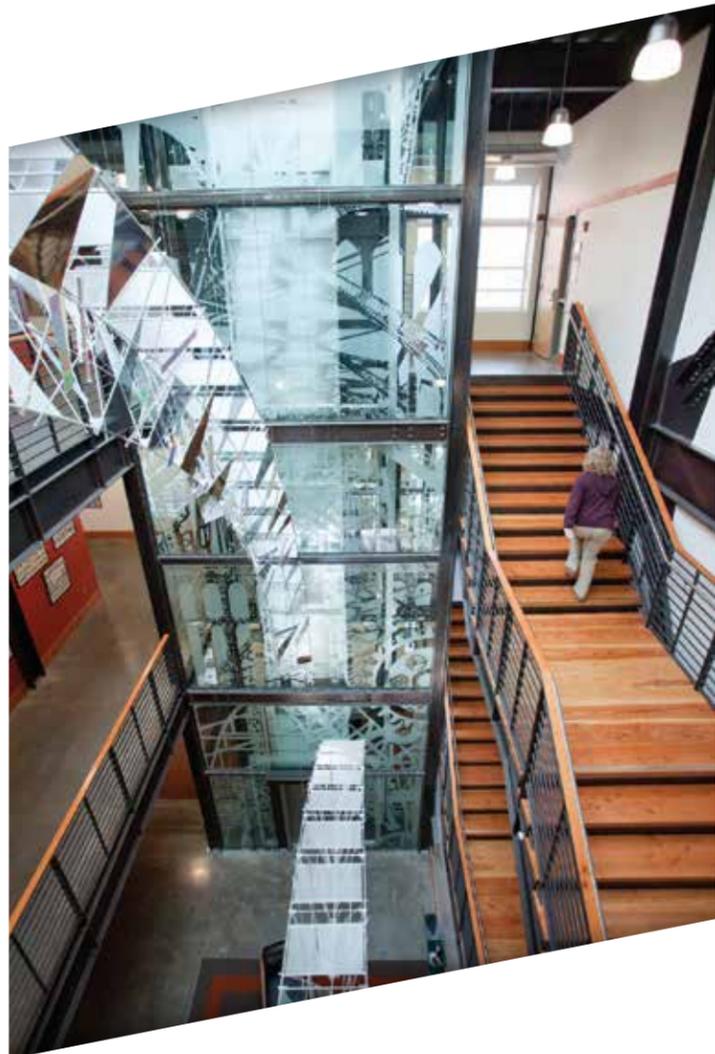


OREGON STATE UNIVERSITY SUSTAINABILITY OFFICE



Self-Guided Sustainability Tour



Updated March 2018

For more info, visit our website at sustainability.oregonstate.edu



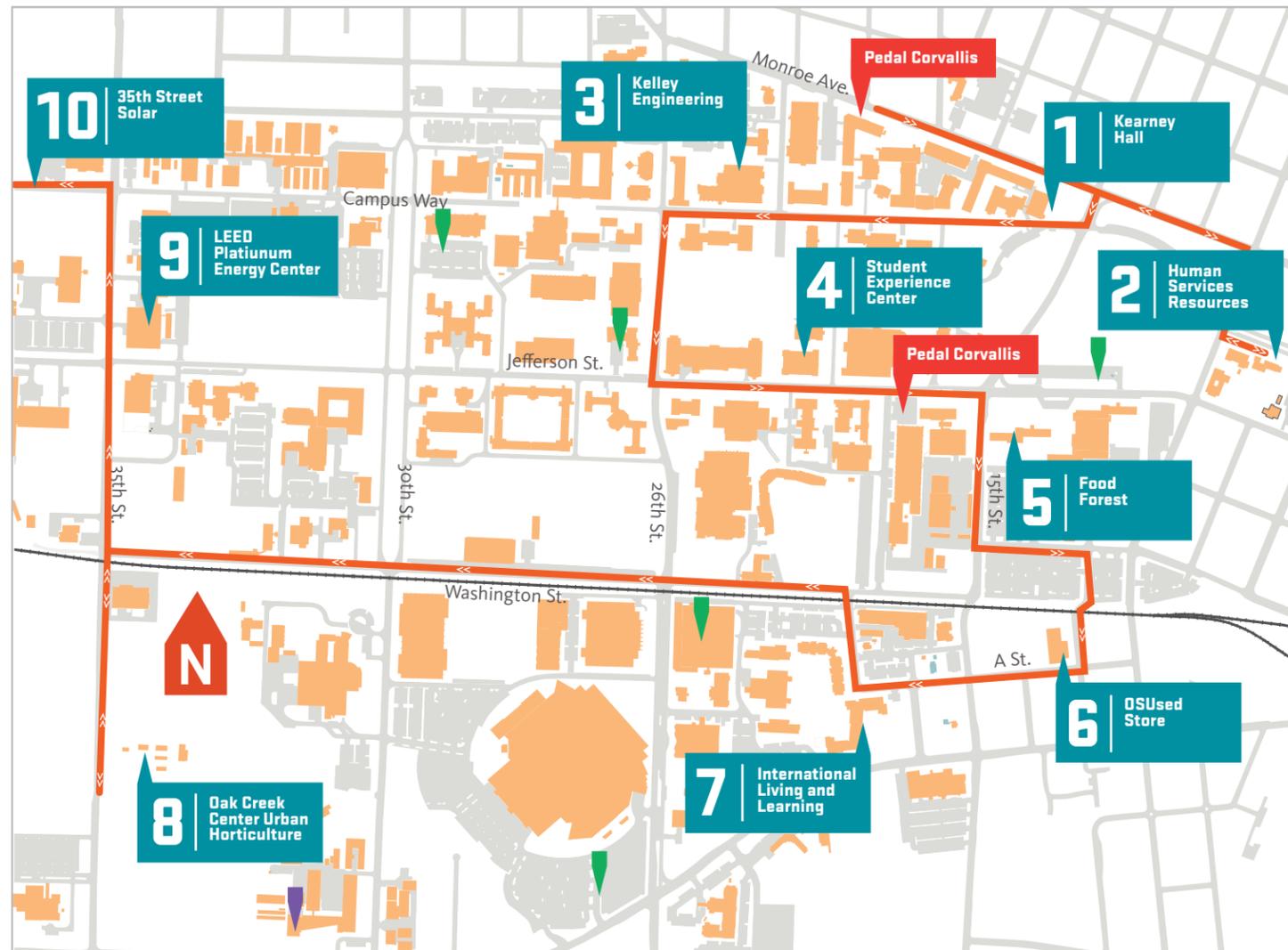
Oregon State University Sustainability Office

Welcome to your self-guided tour!

➤ This brochure is designed to show you some of the many ways OSU is working towards a sustainable future. Feel free to visit the tour stops in any order and at your own pace. However, it is important to remember that some sites are only available to be seen during specified hours.

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

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



Pedal Corvallis

Bike share

Pedal Corvallis is a modern, app-enabled bikeshare system serving the Corvallis area. Passes are available to anyone age 18 and older. Once you purchase a pass, unlimited trips up to 2 hours are free, and each additional hour is \$3. Bikes can be checked out and returned at any station in the system.

One Year: \$25
One Month: \$10
3 Days: \$5



Kearney Hall

1 Green renovation

Originally built in 1899, Apperson Hall became the first engineering building on campus with the establishment of the Department of Civil Engineering in 1906. Apperson was remodeled and renamed Kearney Hall in 2008 to provide the Civil Engineering and Construction Engineering Management programs with state-of-the-art classrooms, offices, and a 120 seat auditorium. The project received a LEED Gold rating by the US Green Building Council.



Human Services Resource Center

2 Basic human needs

The HSRC provides direct service, outreach, education, and referral services to Oregon State University students focused on alleviating the effects of hunger, poverty, and supporting other basic human needs so students can pursue a quality education. 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.



Kelley Engineering

3 Green building

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

- Server room warmth helps heat cooler parts of the building in winter
- A solar thermal system that supplies much of the hot water needed for restrooms, kitchen areas, and bike room showers



Student Experience Center

4 Student Sustainability Initiative

The SEC is home to the Student Sustainability Initiative and many other 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



Food Forest

5 Organic garden

The OSU Food Forest, located outside of Callahan Hall, serves as a small organic garden that grows fresh produce for University Housing and 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.



OSU Used Store

6 Reduce, reuse, recycle

Tour times:
Mon. - Thurs.
8AM - 4PM

Shopping hours:
Tues. 5:30-7:30PM
Fri. 12:00-3:00PM



The OSU Used Store is operated by OSU Surplus Property and sells items no longer needed by campus departments. They carry a remarkable variety of items: vehicles, bicycles, computers, laboratory equipment, furniture, housewares, and more.

In addition to the warehouse, surplus items are also sold online through eBay and other e-tailors as well as through sealed bids.

Be sure to check out the recycling operations that also take place in the warehouse. Thanks to efforts by Campus Recycling and the Student Sustainability Initiative, OSU won the RecycleMania Civil War competitions in 2010, '11, '12, and '15 by recycling and composting the most material per person.

International Living and Learning Center

7 Green residence hall

The International Living Learning Center (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

Oak Creek Center for Urban Horticulture

8 Horticulture and restoration

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.



Energy Center

9 Reducing greenhouse gases

The LEED Platinum-rated Energy Center provides steam to heat campus and about 40% of OSU's electricity. It is the only facility of its kind 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.



35th Street Solar Array

10 Local renewable energy

A 6 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.



To obtain multiple copies of this publication, contact the OSU Sustainability Office: sustainability@oregonstate.edu

More information and an electronic version of this guide is available online: sustainability.oregonstate.edu