



Climate Change Action Plan and Sustainability Curriculum

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Core Value 3: Stewardship



Goal 1: Promoting sustainable practices and responsible stewardship of land resources to support an ecologically healthy and socially just world, while respecting and honoring indigenous peoples.

Initiative 1.1: Develop and implement a comprehensive, university-wide Sustainability & Climate Change Action Plan, which incorporates environmental, social, and economic considerations into university operations, infrastructure, and academic programs in collaboration with the local community.

Initiative 1.2: Integrate sustainability into university-wide curriculum to provide students with the knowledge, skills, competencies, and values necessary to shape an equitable and sustainable future.

Today's Presentation



CWU Sustainability
Overview/Updates

CWU's Climate Action Plan

Integrating Sustainability into the
Curriculum

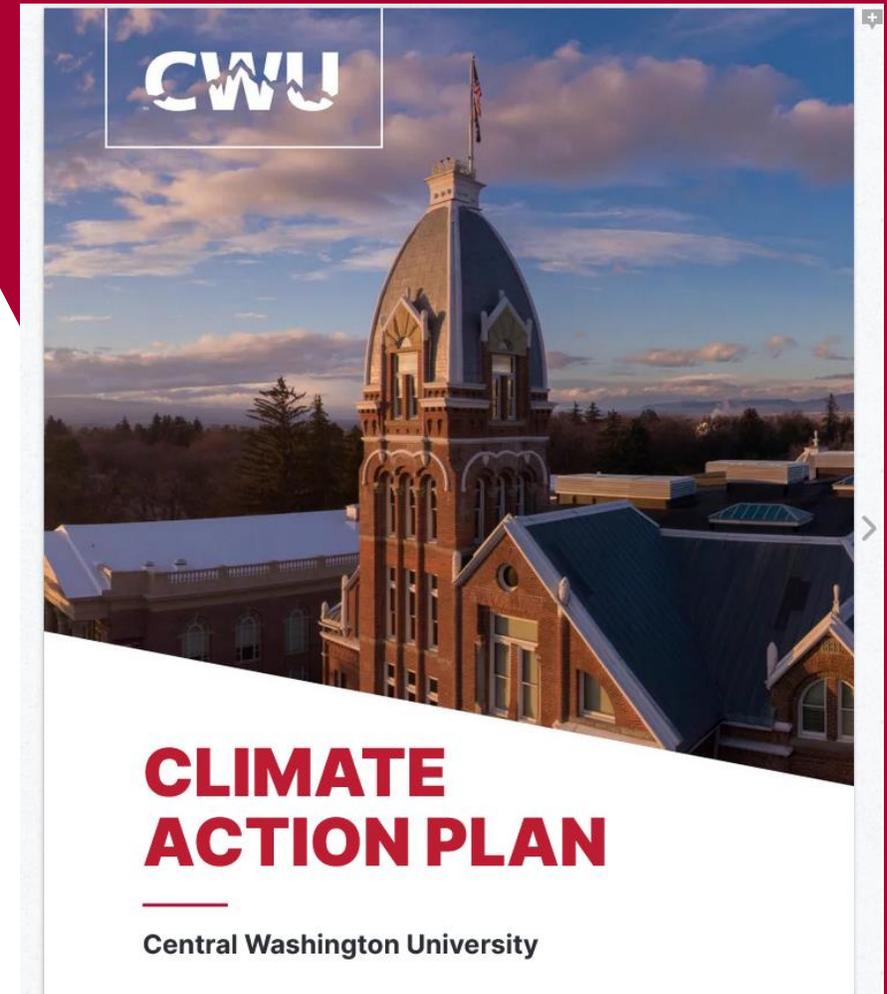
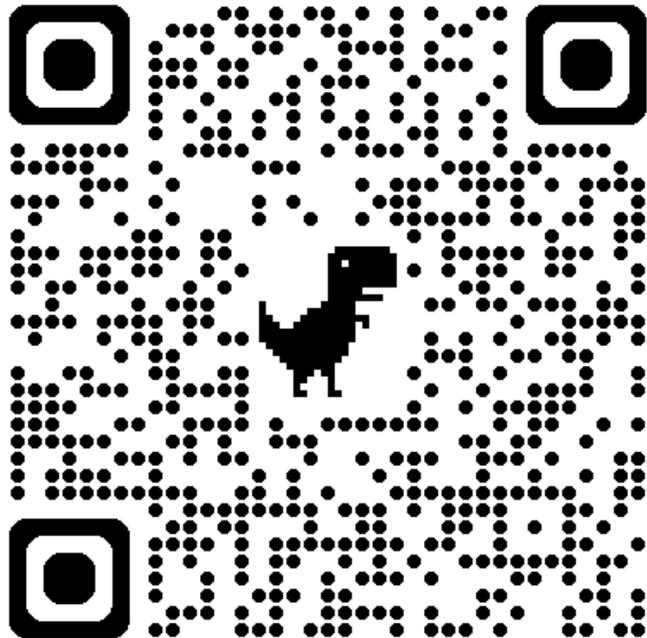
CWU Sustainability Highlights

- Sustainability Coordinator
- Student Sustainability Ambassadors
- Student Green Fund
- Green Revolving Loan Fund
- Sustainability Solutions Center
- Sustainability Forums
 - October 16th – 3 PM at SURC 137
 - November 20th – 3 PM at SURC 137
- Solar and Geothermal Projects
 - Climate Commitment Act
- AASHE STARS – submit report by July 2025



CWU Climate Action Plan

- 15-month process; Campus-wide outreach
- Completed by UR – designed as a Flipbook
- National Recognition – Sustainability & Sustainable Development Award
- Report out on CAP progress during spring quarter



Central Washington University's Commitments to Addressing Climate Change

45%
greenhouse gas
emission reductions
by 2030

70%
greenhouse gas
emission reductions
by 2040

**Zero-carbon
emissions,
no later than
2050**



Energy Efficiency and Conservation

Objective:

Achieve an energy use intensity (EUI) target of 102 and below for campus buildings overall by 2026.

Strategy:

Achieve an energy use intensity (EUI) target of 102 and below for campus buildings overall by 2026.



Building Infrastructure

Objective:

Reduce campus-wide natural gas consumption by an average of 5-7% per year between 2024 and 2030.

Strategy:

Finalize a 15-year Decarbonization Plan no later than July 2025. The Plan will outline energy solution pathways to decarbonize CWU's heating and cooling infrastructure.



Transportation

Objective:

Electrify all CWU campus fleet vehicles by 2040 and install at least 30 electric vehicle charging stations on campus by 2030.

Strategy:

Develop and implement a CWU Zero-Emission Fleet Transition Plan. Prioritize installation of EV charging stations at newly constructed buildings, facilities, and high-traffic areas on campus.



Purchased Electricity

Objective:

Install over 4 megawatts of renewable, emission-free electricity on university-owned properties and spaces by 2030.

Strategy:

Develop and implement a campus-wide solar development plan, maximizing solar installations at parking lots, roofscapes, and underutilized properties.



Waste Diversion

Objective:

Reduce and divert 25% of all waste generated on campus by 2030, compared to 2023 levels.

Strategy:

Develop and implement a CWU Waste Diversion Plan in partnership with CWU Facilities, Dining, and Surplus.



Transportation/Commuter Emissions

Objective: Reduce vehicle miles traveled to, from, and around campus by CWU employees and students by 20% by 2030, in comparison to 2024 levels.

Strategy: Build and/or enhance alternative transportation infrastructure that support significant reductions in miles driven in single-occupancy vehicles by students and employees.



Biodiversity and Water Conservation

Objective: Promote and institute sustainable landscape management and water conservation practices. Restore terrestrial and aquatic landscapes to increase biodiversity on campus.

Strategy: Increased collaboration among several CWU Departments to develop and begin implementing a Campus Restoration Plan and a Water Conservation Plan by 2026.



Sustainable Procurement

Objective: Create and implement a Sustainable Purchasing Plan in 2025.

Strategy: CWU Contracts and Purchasing develops and adopts criteria, policies, and guidelines that support, 1) sustainable purchasing of commodities, 2) life cycle cost analysis for products and systems and, 3) product and services evaluation by summer 2025.



Education and Curriculum

Objective: Integrate sustainability and climate change education across the university curriculum, co-curricular activities, and the campus culture to provide students with the knowledge, skills, competencies, and values necessary to shape an equitable and sustainable future.

Strategy: Train and incentivize faculty members to incorporate sustainability into the curriculum. Develop a Sustainability Center to increase experiential and applied learning opportunities, leadership development opportunities, and sustainability programming on campus and in the community.



Climate Resilience

Objective: Implement a campus-wide Climate Resilience plan by 2030 in collaboration with the local community, which will minimize climate impacts and disruptions to the university and community.

Strategy: Develop a CWU Climate Resiliency and Emergency Preparedness Plan that will bolster the institution's ability to withstand the shocks of climate impacts and natural disasters.



Sustainable Investments

Objective: Diversify CWU's financial portfolio with more sustainable investments and integrate ESG factors into the university's investment strategy.

Strategy: Increase collaboration between university stakeholders managing financial investments and facilitate ESG reporting.

Waste Diversion

Objective: Reduce and divert 25% of all waste generated on campus by 2030, compared to 2023 levels



- **Action step:** *Invest in and install a 30' x 10' industrial composter at the CWU Wildcat Farm, which will enable the University to divert up to 1,000 lbs. of food waste from the landfill on a daily basis.*
- Capital Budget Request
- Large scale composter
- Circularity approach to local food, dining, and waste diversion

Campus Education, Engagement, and Action



Small Group Discussion #1

- At your table, please discuss the following prompt:
 - In your roll at CWU, how can you help contribute to advancing and implementing CWU's Climate Action Plan?
- 5 to 7-minute discussion



Core Value 3: Stewardship

Initiative 1.2: Integrate sustainability into university-wide curriculum to provide students with the knowledge, skills, competencies, and values necessary to shape an equitable and sustainable future.

Focus Area	Objective	Strategy
Education & Curriculum	Integrate sustainability and climate change education across the university curriculum, co-curricular activities and campus culture.	Train and incentivize faculty members to incorporate sustainability in the curriculum. Develop a Sustainability Center to collectively advance sustainability knowledge and address critical sustainability challenges.

Sustainability in the Curriculum Faculty Professional Development

- Spring workshops for faculty teaching one of CWU's 300+ sustainability courses.
- Piedmont/Ponderosa Training for twenty faculty summer 2024
 - Two-day training
 - Why and how do we integrate sustainability in to teaching?
 - Examples from faculty already doing this work
- Faculty Sustainability in the Curriculum Team 2024-2025



Sustainability Models

SUSTAINABLE DEVELOPMENT GOALS



I Respect and Care for the Community of Life

1 Interdependence of all life
2 Love and responsibility
3 Democracy and freedom
4 Justice across generations

II Ecological Integrity

5 Protect Earth's diversity
6 Prevent ecological harm
7 Sustainable lifestyles
8 Share knowledge

III Social and Economic Justice

9 Eradicate poverty
10 Equitable human development
11 Gender equality and equity
12 Dignity, inclusion and well-being

IV Democracy, Nonviolence, and Peace

13 Transparency and participation
14 Integrate values into education
15 Respect all living beings
16 Nonviolence and peace

Turning conscience into action.

The Earth Charter is a document with sixteen principles inspiring a global movement for building a just, sustainable and peaceful world. It is the product of a decade-long, worldwide dialogue on shared values.

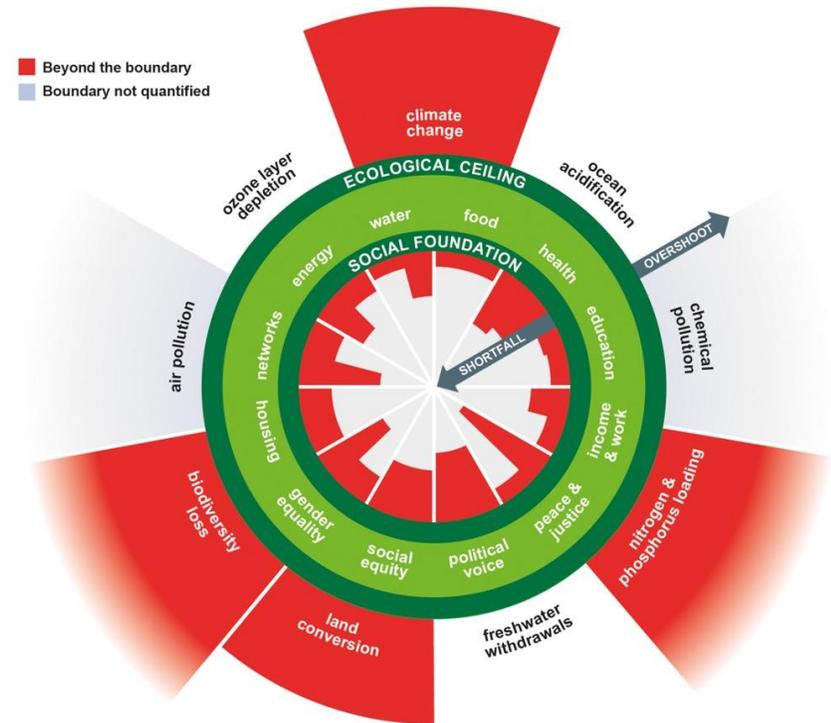
Founded by visionaries in the year 2000, we invite the visionaries of today to use the Earth Charter as a reference for decision-making and planning.

When you incorporate it in your life, and apply it to your business, school or community, you begin turning conscience into action to make all life on Earth thrive.

We know you're ready. Now, let's get to work!

Earth Charter

www.earthcharter.org



Campus as a Living Laboratory

Diversity Equity Center	Wildcat Farm	Wellness Center	Wildcat Pantry
Surplus	LEED Buildings	Englehorn Pond	Greenhouse and <u>Arboreteum</u>
CWU Steam Plant	GeoEco Plant	Wilson Creek	APOYO
OPR	Sustainability Living Learning Community	Climate Change Action Plan	Tomlinson Stadium

Small Group Discussion #2

- In your roll at CWU, how can you help to support sustainability in education?
- 5-minute discussion





Thank you! Questions?

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- Monthly CWU Sustainability Newsletter
- Follow us on Instagram - cwusustainability

