

2025 Draft Sustainability Plan Overview

Facilities and Safety Committee



SANTA ANA COLLEGE



Santiago Canyon College

October 15, 2024

Purpose of the 2025 Sustainability Plan

The Sustainability RSCCD Committee (SRC) Committee is developing a 2025 Sustainability Plan to:

- ▶ Replace existing 2015 Sustainability Plan.
- ▶ Refine goals and objectives to better reflect District and State sustainability goals.
- ▶ Incorporate Administrative Regulation 6012 Sustainable Practices and the California Community College Chancellor's Office Climate Action and Sustainability Goals (both revised in 2021).
- ▶ Implement more efficient and streamlined reporting in order to increase value of sustainability efforts.



California Community Colleges Board of Governors' Goals

Climate Action and Sustainability Goals/Key Benchmarks

1. GREENHOUSE GAS EMISSIONS REDUCTION

Create an action plan by 2025 to reduce campus/district greenhouse gas emissions.

2. GREEN BUILDINGS

Develop campus-wide zero net energy strategy and reduce use of natural gas in buildings.

3. ENERGY

Develop a plan to reduce energy use intensity and increase site electrical consumption using renewable energy.

4. WATER

Reduce potable water usage and plan for water-efficient landscaping.

5. WASTE

Reduce material consumption and strive to achieve zero waste to landfill.

6. PURCHASING AND PROCUREMENT

Increase procurement of sustainable products and services.

7. TRANSPORTATION

Develop Electric Vehicle charging infrastructure; promote mass transport methods; and improve pedestrian and bicycle access.

8. FOOD SYSTEMS

Increase campus sustainable food purchases.



Sustainability Planning Overview & Timeline



2025 Sustainability Plan Goals

Academics

Engagement

Energy

Water

Facilities Planning, Design, and Construction

Transportation

Procurement and Waste

The Plan sets **goals** and **measurable outcomes** and provides a framework for **tracking and reporting progress** every two years.



Academics



Goal

Support college faculty to incorporate environmental issues and sustainable practices into curriculum and developing academic programs with an emphasis on sustainability.



Actions

Academic Courses - Increase the number of courses which are focused on or inclusive of sustainability concepts.

Undergraduate Programs - Continue to provide and increase the number of sustainability-focused major, degree, certificate, concentration, and/or minor programs. Develop a sustainability-focused bachelor's degree program.

Living Laboratory Projects - Continue to provide and increase the number of living laboratory projects.



Measurable Outcomes

Report the new and ongoing sustainability-focused and inclusive course offerings, programs, and projects.

Engagement



Goal

Support participation in and awareness of sustainability issues through effective education and engagement for students, staff, and community members.



Actions

Student Life - Support the colleges to involve student groups in sustainability events and expand other projects and events that promote sustainable practices.

Professional Development and Training - Foster environmental awareness by incorporating environmental and sustainability issues into professional development workshops and materials for faculty and staff.

Partnerships and Outreach - Support sustainability events and outreach with the community. Support partnerships that are focused on sustainability with community organizations.



Measurable Outcomes

Report the number of sustainability focused student organizations and events, outreach materials, professional development, and community partnerships.



Energy



Goal

Support projects and operations which improve sustainable energy management, reduce greenhouse gas emissions and energy usage intensity, and supply energy from renewable sources or onsite generation.



Actions

Energy Use - Strive to continuously improve energy conservation efficiency.

Clean and Renewable Energy - Explore and implement, when feasible, campus electrification, onsite renewable energy generation and storage technology, and clean energy procurement from the electric grid.



Measurable Outcomes

Benchmark and monitor energy use intensity and greenhouse gas emissions. Report projects which improve energy efficiency, reduce natural gas usage, and/or provide clean energy.

Water



Goal

Support projects and operations which reduce water use intensity and improve water quality.



Actions

Water Use - Strive to reduce water consumption through sustainable practices, such as low flow water fixtures and landscape irrigation design and operations.

Water Quality - Manage grounds organically, and explore alternative methods for managing insect populations, weed control, and plant nutrition when feasible to reduce water pollution. Promote sustainable storm water management projects.



Measurable Outcomes

Benchmark and monitor water use intensity. Report projects and practices which improve water use intensity and water quality.

Facilities Planning, Design, and Construction



Goal

Incorporate sustainable design and construction practices for new and renovated facilities.



Actions

Design and Construction - New buildings shall be designed to achieve the U.S. Green Building Council Leadership in Energy and Environmental Design for Building Design and Construction (LEED BD+C) Silver Equivalent. Major capital projects, whether new construction or renovation projects, shall meet the California Code of Regulations Green Building Standards Code (CALGreen).

Innovation - Continue to explore innovative ways to incorporate sustainable practices beyond LEED or CALGreen Code.



Measurable Outcomes

Report sustainable practices and features of new and renovated facilities.

Transportation



Goal

Support sustainable transportation and telecommuting options for students, faculty, and staff. Promote alternative energy vehicle fleet.



Actions

Support for Sustainable Transportation - Continue to promote the use of sustainable transportation, including public transit, walking, biking, carpooling, EV/hybrid vehicles, and telecommuting options among students, faculty, and staff.

Campus Fleet - Develop districtwide plan to allocate resources and infrastructure to increase alternative energy and zero emissions vehicles in campus fleet.



Measurable Outcomes

Report projects supporting sustainable transportation and number of hybrid or remote course offerings. Track campus fleet inventory by fuel type.

Procurement and Waste



Goal

Support efforts to procure socially and environmentally responsible products. Support waste minimization and diversion from landfill.



Actions

Sustainable Purchasing - Implement efforts to source products from organizations committed to social responsibility and environmental sustainability.

Waste Minimization and Diversion - Conduct annual audits of solid waste to monitor the reduction and diversion of waste sent to the landfill.



Measurable Outcomes

Monitor use of sustainable products and efforts to increase sustainable procurement practices. Monitor the amount of waste diverted from landfill and efforts to reduce waste.

Next Steps and Important Dates

Oct 15, 2024 - Provide Draft Sustainability Master Plan Overview to SAC Facilities & Safety Committee

Oct 21, 2024 - Provide Draft Sustainability Master Plan Overview to SCC Facilities & Safety Committee

Nov 13, 2024 - Provide Draft Sustainability Master Plan Overview to Physical Resources Committee

Nov 21, 2024 - Town Hall Zoom Information Meeting - Draft RSCCD 2025 Sustainability Plan
12:00 - 1:00 PM

Jan 13, 2025 - Comments due to Facilities Planning

Scan QR Code to Review the Draft Plan and Submit Comments:

