

# Board Facilities Committee Meeting

May 20, 2025

## 2025 Sustainability Plan

Alejandro Alcala, Energy and Sustainability Manager  
Facility Planning, Construction & District Support Services

Tae Kim, Director  
Facility Planning, Construction & District Support Services

Carri M. Matsumoto, Assistant Vice Chancellor  
Facility Planning, Construction & District Support Services



# Purpose of the 2025 Sustainability Plan

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

- ▶ Replace existing 2015 Sustainability Plan.
- ▶ Refine goals and objectives to better reflect District and State sustainability goals.
- ▶ Incorporate Board Policy/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.

# Sustainable RSCCD Committee Members

## District Office

**Carri Matsumoto**, Chair - Asst. Vice Chancellor  
**Tae Kim**, Co-Chair - Director, Facility Planning  
**Linda Melendez** - Director, Purchasing Services  
**Alejandro Alcala** - Energy and Sustainability Manager  
**Simone Wolfe** - Classified Staff  
**Heather Collins** - Executive Secretary

## Santa Ana College

**Bart Hoffman** - Vice President, Admin Services  
**Jim Kennedy** - Vice President, Continuing Ed  
**Kelvin Leeds** - Faculty  
**Craig Ursuy** - Faculty  
**Genesis Garcia** - Student  
**Han Nguyen** - Student

## Santiago Canyon College

**Arleen Satele** - Vice President, Admin Services  
**Joanne Armstrong** - Dean, Student Services  
**Vanessa Engstrom** - Faculty  
**Daniel Oase** - Faculty  
**Ambar Nakagami** - Classified Staff  
**Valerie Lopez** - Student  
**Giovanna Ortiz** - Student

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## Sustainability Plan Workgroup

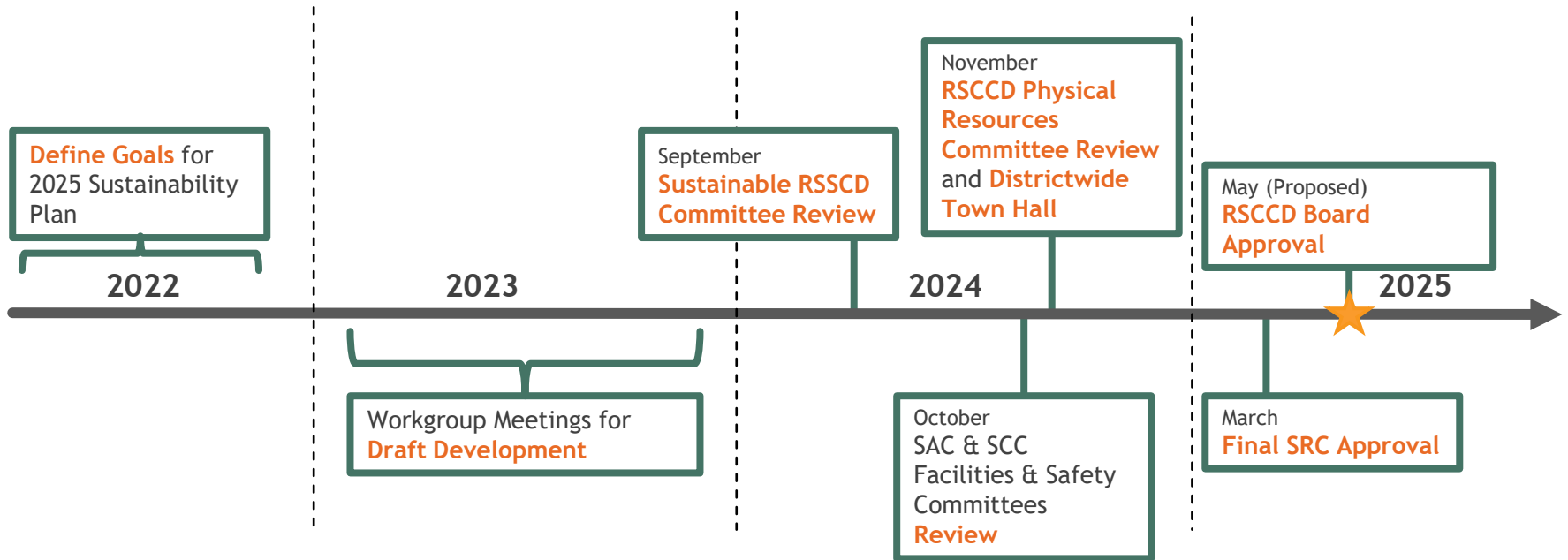
**Carri Matsumoto** - Asst. Vice Chancellor  
**Tae Kim** - Director, Facility Planning  
**Linda Melendez** - Director, Purchasing Services  
**Hugo Curiel** - Facilities Project Manager

**Heather Collins** - Executive Secretary  
**Simone Wolfe** - Classified Staff  
**Vanessa Engstrom** - Faculty, SCC  
**Kelvin Leeds** - Faculty, SAC

**Arleen Satele** - Vice President, SCC  
**Jose Vargas (Retired)** - Vice President, SCC  
**Lisa Imai** - Consultant  
**Conor McKenzie** - Consultant



# Sustainability Planning Timeline



# Meeting Dates

## Plan Development Work Group Meetings

### **Meeting #1: Framework**

May 2, 2023 and October 6, 2023

### **Meeting #2: Academics**

June 2, 2023 and September 1, 2023

### **Meeting #3: Engagement**

September 1, 2023

### **Meeting #4: Facilities Operations and Planning Framework**

October 6, 2023 and August 13, 2024

### **Meeting #5: Transportation**

December 1, 2023

### **Meeting #6: Procurement & Waste**

March 1, 2024

### **Meeting #7: Procurement & Waste, Energy/Water/Facilities Planning**

March 22, 2024

## Review/Feedback Meetings

### **Meeting #8: Overall Plan Draft Review Sustainable RSCCD Committee**

May 3, 2024 and August 13, 2024

### **Meeting #9: SAC and SCC Facilities & Safety Committees**

(SAC) October 15, 2024 and (SCC) October 21, 2024

### **Meeting #10: RSCCD Physical Resources Committee**

November 13, 2024

### **Meeting #11: Town Hall (General Public)**

November 21, 2024

### **Meeting #12: Sustainable RSCCD Committee Approval**

March 19, 2025



# 2021 California Community Colleges Board of Governors' Goals

## **1. GREENHOUSE GAS EMISSIONS REDUCTION**

Create a climate action plan 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.

# Plan Development Process

## Research Matrix

- **Conducted In-Depth Research:** Developed a comprehensive research matrix to align with the state regulations, state goals and administrative regulations 6012.

## Workgroup Sessions

- **Collaborative Work Group Sessions:** Held multiple work group sessions to engage key stakeholders in the development process.
- **Iterative Review Process:** Incorporated feedback from work group sessions to refine and improve the master plan.

# 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 develop 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.

# Summary

- 2025 Sustainability Master Plan builds upon and enhances the foundation set by the 2015 plan.
- RSCCD Committee established a workgroup to review the District's goals and priorities as outlined by the state for energy and sustainability.
- RSCCD Sustainability Committee will provide biennial reports on sustainability efforts outlined in the Sustainability Master Plan. [Click here](#) to see last year's biennial report.



SUSTAINABILITY REPORT



Period Covering March 1, 2021 – June 30, 2023  
Approved by the Sustainable RSCCD Committee  
November 15, 2023





# Board Facilities Committee Meeting

## 2025 Sustainability Plan

May 20, 2025

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### Questions