



Foothill – De Anza Community College District Sustainability Action Plan



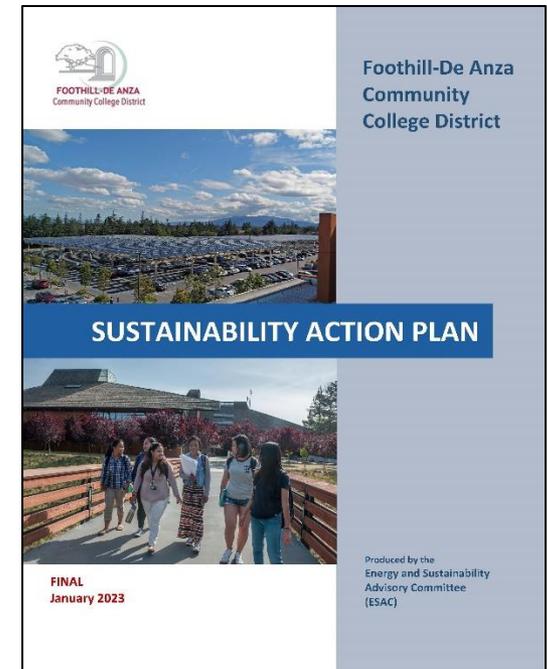
Overview

November 14, 2023

Overview



- Comprehensive Sustainability Action Plan to guide the District to a more sustainable future
- Includes Mission, Goals, Objectives, Programs and Projects and an Action Plan for implementation
- Incorporates past, current, and planned sustainability activities – including Measure G
- Incorporates the 2021 CCC Board of Governors Climate Action and Sustainability Framework goals
- Created by the Energy and Sustainability Advisory Committee (ESAC) and adopted by the Board of Trustees in January 2023



[Sustainability Action Plan Document](#)

ESAC Members

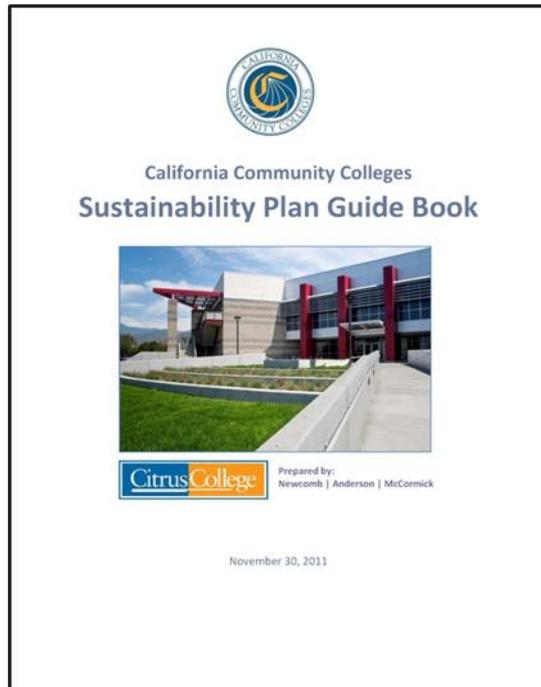


- Co-Chair: Joel Cadiz, Executive Director, Facilities and Operations
- Co-Chair: Robert Cormia, Instructor, Chemistry, Foothill College
- Susan Cheu, Vice Chancellor, Business Services
- Tom Armstrong, Director, Capital Construction Program (retired August 2021)
- Julie Ceballos, Writer/Editor/Web Content Developer, Marketing and Public Relations, Foothill College
- Nur Afizah Fadhilah, Chair, Environmental Sustainability, De Anza Student Government (starting June 2021 and graduated in June 2022)
- Pam Grey, Vice President, Administrative Services, De Anza College
- Cynthia Kaufman, Faculty Director, Vasconcellos Institute for Democracy in Action, De Anza College
- Jennifer Mahato, Director, College Operations, De Anza College (left District early 2023)
- Diana Martinez, Laboratory Technician, Environmental Studies, De Anza College
- Belen Simmet, Executive Assistant, Facilities and Operations
- Bret Watson, Vice President, Finance and Administrative Services, Foothill College
- Yuetong Zhang, Chair, Environmental Sustainability, De Anza Student Government (through May 2021)
- Matt Sullivan PE LEED AP, Principal, Sullivan Consulting



Sustainability Planning Process

Employed the [CCC Sustainability Template](#) created by the Chancellors Office, Citrus CCD, and Newcomb Anderson McCormick



Benchmark Energy Usage and GHG Emissions

Define Mission, Goals, Objectives

Develop Implementation Programs and Projects

Create an Action Plan

Publish Sustainability Action Plan Document and Implement

2021 BOG Climate Action and Sustainability Framework



- Outlines system-wide goals for GHG emissions reductions, energy usage, transportation, green building practices, water use, waste, purchasing, food systems, environmental justice, and education and awareness
- Goals were reviewed by the ESAC and included in the SAP

California Community Colleges Board of Governors Climate Action and Sustainability Framework

INTRODUCTION

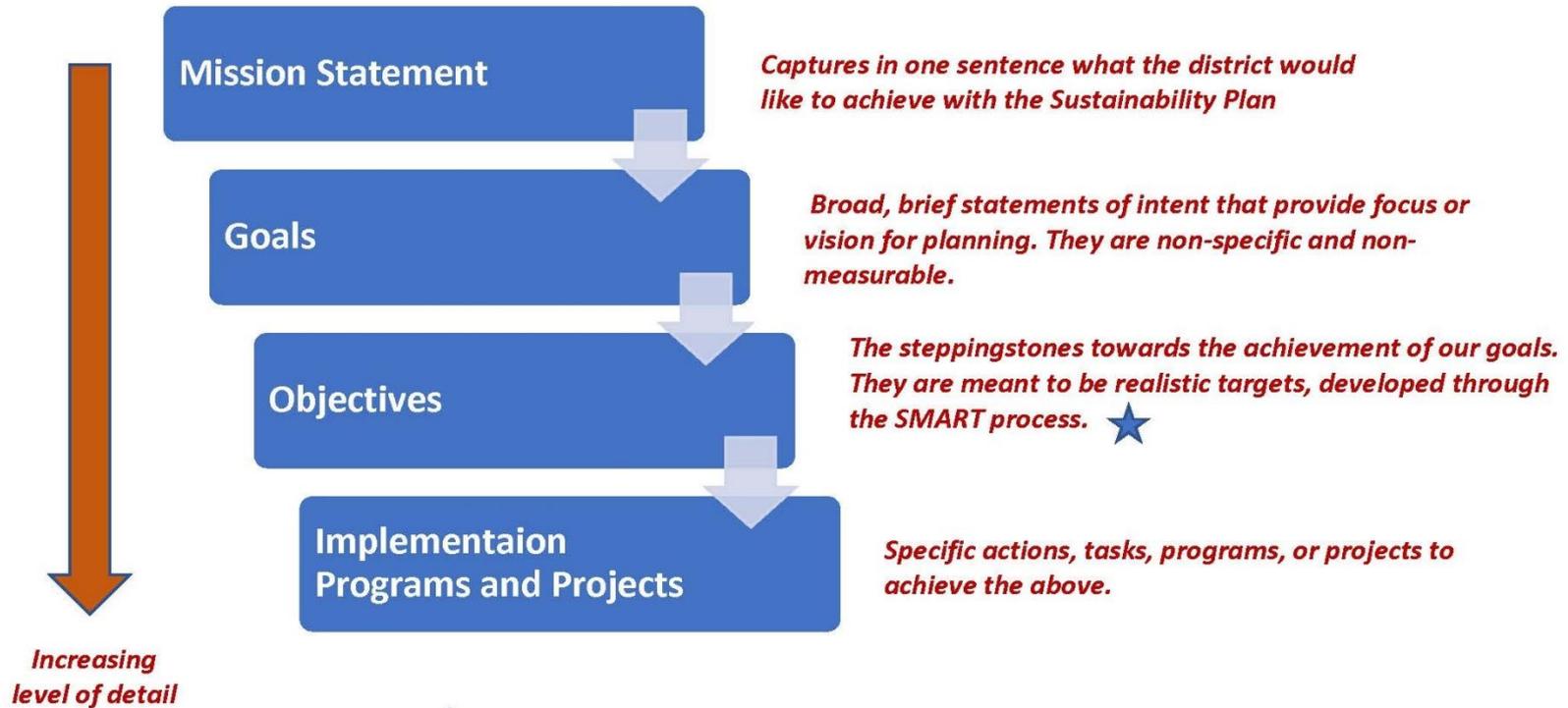
In 2019, the California Community College Board of Governors (Board of Governors) adopted the Climate Change and Sustainability Policy. Building off this important work, the updated *Climate Action and Sustainability Framework* provides revised goals and recommendations for community college districts. This updated framework is more comprehensive and inclusive of all areas of the campus community. The *Climate Action and Sustainability Framework* aims to create environmental, social, and educational benefits for the communities we serve. The framework is designed to serve as a tool to prompt local discussion around ways California Community Colleges can leverage their expansive footprint by incorporating sustainability principles and climate science in their local practices.

The Board of Governors has been a bold proponent of climate action, energy conservation, and other sustainability measures and has had established policies since 2013. Over that time, the California Community Colleges Chancellor's Office has made minor policy adjustments until 2019, when the Chancellor's Office updated and the Board of Governors adopted the Climate Change and Sustainability Policy. The 2019 policy provided goals and guidance for community college districts to align with the key climate change strategy pillars, achieve energy conservation goals, build capital projects sustainably, and integrate physical plant management practices to reduce energy consumption to improve local environmental sustainability measures. Approaches have been consistent with state policy goals and efforts, including California legislation, California Code of regulations, and Governorial Executive Orders that detail statewide energy conservation, greenhouse gas reduction, de-carbonization, sustainability, and climate change mitigation measures.

Climate change is one of the most pressing issues of our time. It requires our collective attention to explore actions and solutions that avoid the most catastrophic of modeled scenarios. Since 2019, the Board of Governors has charged community college districts with developing local climate action and sustainability resolutions. For this work and efforts to advance, it was important for a revised climate change and sustainability policy to reflect the needs of colleges and the perspective of a diverse set of stakeholders. As a result, Chancellor Oakley formed a Climate Action and Sustainability Steering Committee to help guide the Board of Governors policy and framework. The committee comprised volunteers from the ten community colleges, the Student Senate of California Community Colleges (SSCCC), the Chancellor's Office, and the Foundation for California Community Colleges. Specifically, the expertise of colleges representatives encompasses environmental science, sustainability, facilities management, academics, business operations. To date, the committee provides advice to the California Community Colleges Chancellor's Office and community colleges around climate crisis and sustainability policies and programs. Please see Appendix A for the list of steering committee members.

[BOG Climate Action Document](#)

SAP Planning Structure



- ★ **SMART Objectives**
- **Specific:** concrete, detailed, well defined
 - **Measurable:** numbers, quantity, comparison
 - **Achievable:** feasible, actionable
 - **Realistic:** considering resources
 - **Time-Bound:** a defined time line

SAP Mission Statement



The Foothill-De Anza Community College District Sustainability Action Plan guides our policies, goals and objectives for environmental stewardship, social equity, and financial responsibility. It encompasses the impacts of the actions of students, faculty, staff, and administrators on our district and our communities.



SAP Goals



Goal No.	Description
1	Develop a Sustainability Action Plan to identify measures to reduce resource use impacts, improve sustainability, and strengthen campus resilience by employing all appropriate funding sources.
2	Establish an inclusionary process where students, faculty, and staff play a meaningful role in district sustainability efforts and understand the environmental, societal, and economic impacts of resource use while integrating these activities as learning opportunities to fulfill our responsibility as a higher education institution.
3	Advocate for social equity, inclusion, intersectionality, and environmental justice in curriculum and college programs.
4	Establish objectives, criteria, and implementation plans to achieve carbon neutrality and monitor progress over time to ensure they are achieved.
5	Explore restorative and regenerative design principles that contribute positive impacts.
6	Support state and federal energy policies and greenhouse gas (GHG) reduction goals, including the most up-to-date California Community Colleges Board of Governors Climate Action and Sustainability Framework.
7	Establish the Foothill-De Anza Community College District as a model for a broad environmental justice approach to sustainability to face the challenges of the 21 st century.

SAP Objectives

See Table 2 of the SAP



Sustainability Plan Elements



- Management and Organizational Structure
- Carbon Reduction Programs
- Energy Efficiency
- Facilities Operation
- Sustainable Building Practices
- On-Site Generation and Renewable Energy
- Transportation, Commuting, and Campus Fleet & Travel
- Water, Wastewater, and Sustainable Landscaping
- Solid Waste Reduction and Management
- Sustainable Purchasing
- Food Systems
- Student and Curriculum Development
- Diversity, Equity, and Environmental Justice
- Campus and Community Outreach & Awareness

SAP Current Activities



- *Continuing ESAC meetings to monitor SAP implementation*
- *Electrification Feasibility Study*
- *3-Bin Recycling Pilot Project at De Anza Campus Center*
- *CPUC-funded Higher Education Energy Performance program implemented by CLEAResult*
- *Installing submeters on central plants and developing an Energy Dashboard to monitor and reduce usage*
- *Exploring 100% renewable content purchased electricity*
- *Developing parking surveys, parking counts, and additional EV chargers*
- *Meetings with campus Sustainability Committees to discuss priorities*
- *Evaluate changes to the SAP for GHG reduction goals*

Three-Bin Recycling Pilot Project

- Required by SB 1383, California's Short-Lived Climate Pollutant Reduction Strategy, under the authority of CalRecycle
 - Three-bins – Organics, Mixed Recyclables, Garbage
 - Edible Food Recovery starting January 2024
- Pilot Project at De Anza Campus Center, will expand to remaining De Anza Campus and Foothill after
- De Anza Facilities Subcommittee will implement the Pilot Project
- *Pending confirmation of requirements by CalRecycle*



Questions and Open Discussion



Contact info:

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