



**Foothill – De Anza Community College District
Sustainability Master Plan Project
Kick-Off Meeting Agenda
Date: February 17, 2022
9:30 - 11 AM**

Via Zoom:

<https://fhda-edu.zoom.us/j/94371412043?pwd=TmhtcHZ3SGdsS1VRZ2Z0bUdzRkF1UT09&from=addon>

See attached PowerPoint Presentation

1. Introductions
2. Review Project Scope
3. Work Plan and Process
 - *CCC Sustainability Planning Template*
4. 2021 Board of Governors Climate Action and Sustainability Framework
5. Sustainability Plan Elements
6. Schedule and Meeting Frequency
7. Next Steps
 - *Confirm Schedule and Process*
 - *Confirm Mission Statement from EMP*
 - *Update Goals and Objectives from EMP*
 - *Homework - Review EMP Mission, Goals, and Objectives and suggest updates or changes to the team – will discuss at next meeting*

Next Meetings: *March 3, March 17, March 31*



Foothill – De Anza Community College District Sustainability Master Plan



Project Kickoff Meeting

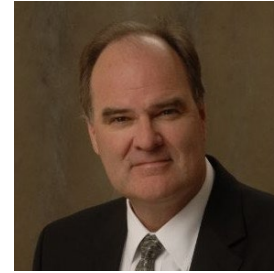
February 17, 2022

SULLIVAN CONSULTING
ENERGY AND SUSTAINABILITY

Meeting Agenda

- Team Introductions – *if new members*
- Review Project Scope
- Work Plan and Process
- 2021 BOG Climate Action and Sustainability Framework
- Sustainability Plan Elements
- Schedule and Meeting Frequency
- *Next Steps*

Sullivan Consulting Overview



- Matt Sullivan, PE LEED AP
Principal of Sullivan Consulting
- Over 30 years experience in energy efficiency, renewable energy, and sustainability consulting, project delivery, and Program and Project Management
- Have worked closely with the CCC's for 16 years – CCC/IOU EE Partnership, Proposition 39, Sustainability and Energy Planning

<https://sullivanconsulting.net/>

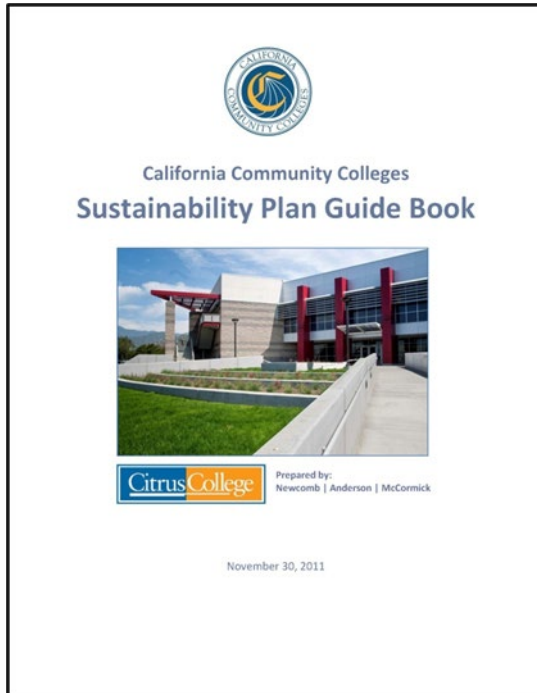
<https://www.linkedin.com/in/matt-sullivan-pe-leed-ap-9b865237/>

Project Scope



- Develop a Sustainability Master Plan for the District working with the FHDA Energy and Sustainability Advisory Committee
- Incorporate the 2021 FHDA Energy Master Plan into the Sustainability Plan creating a single comprehensive document addressing broad sustainability topics
- Review the 2021 BOG Climate Action and Sustainability Framework goals for possible inclusion in the plan
- Use the CCC Sustainability Template as the planning process
- Present recommendations to the Shared Governance Committees and Board of Trustees

Work Plan and Process



https://foothilldeanza-my.sharepoint.com/:f:/r/personal/20476477_fhda_edu/Documents/ESAC/Sustainability%20Templates?csf=1&web=1&e=u3WsVU

2021 BOG Climate Action and Sustainability Framework



FOOTHILL-DE ANZA
Community College District

- 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 should be reviewed by the ESAC for possible inclusion in the SMP

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 gubernatorial 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.

https://foothilldeanza-my.sharepoint.com/:f:/r/personal/20476477_fhda_edu/Documents/ESAC/BOG%202021%20Climate%20Framework?csf=1&web=1&e=gjvu8J

Sustainability Plan Elements



- *Management and Organizational Structure*
- *GHG Emissions Reductions*
- *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
- Green Purchasing
- Food Systems
- Student and Curriculum Development
- Environmental Justice and Equity
- *Campus and Community Outreach & Awareness*
- Other Programs and Projects as desired

* *Incorporate from 2021 EMP*

Sustainability Plan Elements



Sustainability Element	Inclusion Strategy to SMP
Management and Organizational Structure	Transfer from EMP
Carbon Reduction Strategies	Re-evaluate considering BOG Framework Goals
Energy Efficiency	Re-evaluate considering BOG Framework Goals
Facilities Operation	Re-evaluate considering BOG Framework Goals
Sustainable Building Practices	Re-evaluate considering BOG Framework Goals
On-Site Generation and Renewable Energy	Transfer from EMP
Transportation, Commuting, and Campus Fleet & Travel	Update to include Commuting, Transit, and Campus Fleet. Evaluate BOG Framework goals

Sustainability Plan Elements



Sustainability Element	Inclusion Strategy to SMP
Water, Wastewater, and Sustainable Landscaping	New Element. Evaluate BOG Framework Goals.
Solid Waste Reduction and Management	New Element. Evaluate BOG Framework Goals.
Green Purchasing	New Element. Evaluate BOG Framework Goals.
Food Systems	New Element. Evaluate BOG Framework Goals.
Student and Curriculum Development	Update to include broader Sustainability Activities. Evaluate BOG Framework Goals.
Environmental Justice	New Element. Evaluate BOG Framework Goals.
Campus and Community Outreach & Awareness	Update to include broader Sustainability Activities. Evaluate BOG Framework Goals.

Project Schedule



FHDA CCD Sustainability Master Plan Schedule										
D	Task Name	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1	Kick-Off Meeting	0 days								
2	Confirm or Update Missions, Goals, and Objectives	4 wks								
3	Select and Prioritize Implementation Programs and Projects	6 wks								
4	Create an Action Plan	5 wks								
5	Establish Performance Measurement and Reporting Protocols	2 wks								
6	Publish Draft Sustainability Master Plan Document/ESAC Review	6 wks								
7	Shared Governance Committees Review	4 wks								
8	Board of Trustees Presentation	0 days								

Approximate 6 month schedule. ESAC Meeting Frequency – every two weeks initially. Can shift to 3 or 4 weeks as project progresses.

Next Steps

- Confirm Schedule and Process
- Confirm Mission Statement from EMP
- Update Goals and Objectives from EMP
 - Homework - *Review Mission, Goals, and Objectives (see attached) and suggest updates or changes to the team – will discuss at next meeting*

Next Meetings: March 3, March 17, March 31

3.2 MISSION STATEMENT

The ESAC developed the following mission statement to guide the district in its Energy Master Planning efforts.

The mission of the Energy and Sustainability Advisory Committee (ESAC) is to encourage energy efficiency, reduce greenhouse gas (GHG) emissions, and collaboratively advance sustainability across the Foothill-De Anza Community College District, with a commitment for educational opportunities and inclusion of students, staff, and faculty in our solutions for environmental, economic, and social sustainability.

3.3 ENERGY MASTER PLAN GOALS

To realize the mission statement, the ESAC then defined the following energy and sustainability goals for the EMP.

Table 1 – Energy Master Plan Goals

Goal No.	Description
1	Develop an Energy and Sustainability Master Plan to identify measures to improve energy performance, facilitate a path to reduce greenhouse gas (GHG) emissions, and strengthen campus resilience employing all appropriate funding sources and integrating projects from the Measure G Bond program.
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 energy use while integrating these activities as learning opportunities to fulfill our responsibility as a higher education institution.
3	Establish objectives, criteria, and implementation plans to achieve carbon neutrality and monitor progress over time to ensure they are achieved.
4	Support state and federal energy policies and greenhouse gas (GHG) reduction goals, including the 2019 California Community Colleges Board of Governors Climate Change and Sustainability Policy.
5	Establish the Foothill-De Anza Community College District as a model of sustainability to face the challenges of the 21st century.

3.4 OBJECTIVES

Based on the mission and goals, the ESAC developed the following Energy Master Plan SMART Objectives providing specific, measurable, achievable, realistic, and time-bound priorities for completing the Energy Master Plan. The objectives for the EMP also reflect district needs, interests, and available resources.

Table 2 – Energy Master Plan Objectives

Objective	Description	Timeline
1	District Carbon Reduction Goals ⁽¹⁾ <ul style="list-style-type: none"> • Reduce GHG emissions 50% from 2005 levels by 2030 • Transition to natural gas-free by 2035 • Purchased electricity will be 100% renewable by 2045 (SB 100) • Carbon Neutrality by 2045 (EO B-55-18) 	2025-2045
2	Deploy EV charging infrastructure consistent with state of California goals and timelines for electrification of transportation	2025-2030
3	Reduce Vehicle Miles Traveled (VMT) for students, faculty and staff by 25-50% by 2035 by coordinating with other ongoing district programs	2035
4	Evaluate campus resiliency opportunities	2022-2025
5	Investigate most effective ways to institutionalize energy and sustainability management in district operations	2022-2025
6	Develop processes to engage students, faculty and staff in energy and sustainability activities in a meaningful way	2021
7	Encourage and facilitate student learning activities related to energy and carbon reduction	2022
8	Enhance campus and community engagement	2022
9	Ensure activities consider broader economic and environmental impacts	Ongoing

(1) Scope 1 and Scope 2 emissions only. See Appendix G, Glossary, for definitions

Questions and Open Discussion



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