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**Foothill-De Anza Community College District
Sustainability Action Plan
2022 – 2035
Final Draft v.0**

Presented at MIP-C, Nov. 18, 2022
FHDA Energy and Sustainability Advisory Committee

Foothill Members Julie Ceballos, Robert Cormia, Alisa Mack, Bret Watson

Today's Ask of MIP-C

- As a district plan that will guide both Foothill and De Anza actions, this presentation is informational with a request for comments, as it will be presented to the board of trustees for review on Dec. 12, 2022, with a vote of approval in January 2023

- The plan has been presented to both AS and CS throughout its development, and ASFC this fall

- Part of this presentation was included at Flex Day on Sept. 22, 2022

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Then 2020 Happened

- Shelter In Place

- Less human travel activity, less GHG emissions, clear skies in LA

- Wildlife was free to roam

- We realized we should not go back to normal, even when the pandemic was over

Then 2020 Happened, and This

- Racism and inequity was in full view, from COVID deaths and events in May with George Floyd and birder Christian Cooper.

- The SF Bay Area was on fire that summer, our faculty and staff homes were on fire.

- It was awful.

ESAC formed, too, in October 2020!

- ESAC formed in October 2020, lead by Susan Cheu, Vice Chancellor of Business Services, and Foothill instructor Robert Cormia

- Joel Cadiz joined ESAC and the FHDA team as Executive Director of Facilities & Operations in 2021

- First we developed and published an Energy Management Plan (all by Zoom, of course) with the help of a Matt Sullivan, PE LEED AP, Principal of Sullivan Consulting

- Then, ESAC began work on SAP 2022 in February 2022

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What is Sustainability?

Sustainability is sustainable development, an organizing principle for meeting human development goals while also sustaining the ability of natural systems to provide the natural resources and ecosystem services on which the economy and society depend.

Sustainable Development

Sustainable development meets the needs of the present without compromising the ability of future generations to meet their own needs.

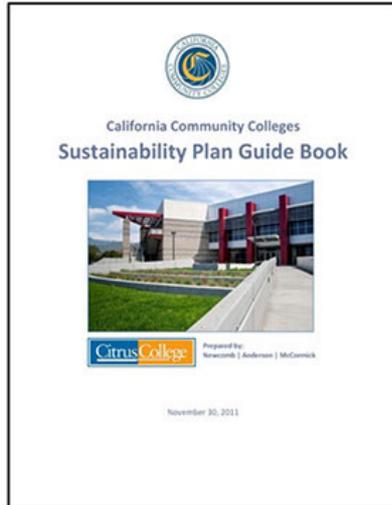https://www.un.org/sustainabledevelopment/development-agenda/

UN Sustainable Development Goals

The UN Sustainable Development Goals are a universal call to action to end poverty, protect the planet and improve the lives and prospects of everyone, everywhere. The 17 Goals were adopted by all UN Member States in 2015, as part of the 2030 Agenda for Sustainable Development, which set out a 15-year plan to achieve the Goals.

UN 17 Goals for People, for Planet

- No Poverty
- Zero Hunger
- Good Health & Well-being
- Quality Education
- Gender Equality
- Clean Water & Sanitation
- Affordable & Clean Energy
- Decent Work & Economic Growth

- Industry, Innovation & Infrastructure
- Sustainable Cities & Communities
- Responsible Consumption & Production
- Climate Action
- Life Below Water
- Life on Land
- Peace, Justice & Strong Institutions
- Partnerships for the Goals

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SAP 2022 Planning Process

SAP 2022: Where We Are So Far

- Mission Statement

- Goals

- Objectives

- Implementation of Programs and Project

SAP 2022 Mission Statement

The SAP 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 2022 Seven Goals

.Goals are a non-specific and non-measurable broad brief statements of intent that provide vision for planning.

SAP 2022 Seven Goals

Goal 1. Develop an SAP to identify measures to reduce resource use impacts, improve sustainability, and strengthen campus resilience by employing all appropriate funding sources.

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SAP 2022 Goals (2)

Goal 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.

SAP 2022 Goals (3-4)

Goal 3. Advocate for social equity, inclusion, intersectionality, and environmental justice in curriculum and college programs.

Goal 4. Establish objectives, criteria, and implementation plans to achieve carbon neutrality and monitor progress over time to ensure they are achieved.

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SAP 2022 Goals (5-6)

Goal 5. Explore restorative and regenerative design principles that contribute to positive impacts.

Goal 6. Support state and federal energy policies and greenhouse gas (GHG) reduction goals, including the most up-to-date CCC Board of Governors Climate Action and Sustainability Framework.

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SAP 2022 Goals (7)

Goal 7. Establish the Foothill-De Anza Community College District as a model for a broad environmental justice approach to sustainability to face the the challenges of the 21st century.

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SAP 2022 SMART Objectives

- Specific: concrete, detailed, well-defined
- Measurable: number, quantity, comparison
- Achievable: feasible, actionable
- Realistic: considering resources
- Time-Bound: a defined timeline

SAP 2022 Objectives Areas of Focus

- Leadership & Management

- Energy and GHG Emissions

- Green Building

- Water and Waste Water

- Transportation

- Solid Waste

- Sustainable Procurement

- Food Systems

- Diversity, Equity, and Environmental Justice

- Campus and Community Engagement

- Curriculum

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SAP 2022 Implementation 14 Categories

- 4.1 Management & Organizational Structure

- 4.2 Carbon Reduction Programs

- 4.3 Energy Efficiency

- 4.4 Facilities Operation

- 4.5 Sustainable Building Practices

- 4.6 On-Site Generation and Renewable Energy

- 4.7 Transportation, Commuting, Campus Fleet & Travel

- 4.8 Water, Waste Water & Sustainable Landscaping

- 4.9 Solid Waste Reduction & Recyling

- 4.10 Sustainable Procurement

- 4.11 Student & Curriculum Development

- 4.12 Campus & Community Outreach & Awareness

- 4:13 Food Systems

- 4:14 Diversity, Equity, and Environmental Justice

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Implementation: Transportation, Commuting, Campus Fleet & Travel

- 4.7.1 Participate in district transportation surveys and analysis

- 4.7.2 Encourage and enhance public transportation, ridesharing and (4.7.3) bicycling options

- 4.7.4 Improve campus fleet and travel

- 4.7.5 Explore student distance learning and employee remote work

- 4.7.6 Analyze and install EV Charging using on-site solar PV electricity

- 4.7.7 Evaluate implementation of green parking permit program by 2030

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Implementation
Water, Waste Water, and Landscaping

- Establish water conservation goals

- Implement water conservation strategies

- Reduce storm water, sewer discharges and water pollution

- Adopt sustainable landscaping practices

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Implementation
Solid Waste Reduction and Recyling

- Create waste reduction goals

- Maximize programs offered by contract waste hauler

- Reduce waste stream to landfill

- Improve existing recycling programs

- Collect and sell or donate recyclable material

- Green waste and food composting

- Conduct a waste category assessment

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Implementation
Student & Curriculum Development

- Provide professional development and create a faculty forum

- Highlight climate action and sustainability in various venues

- Establish climate change and sustainability education and an immersive experience

- Provide training opportunities for students

- Curriculum development

- Research true economic, social, and environmental impacts of energy and sustainability activities

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Implementation
Diversity, Equity and Environmental Justice

- Create connections specific to diversity, equity, and inclusion to sustainability planning and implementation

- Explore changes to local policies and procedures with the district board of trustees to bolster climate and environmental justice

- Educational programs and events underscoring the intersectional relationship of environment, climate and social equity issues

- Work with each college Office of Equity to integrate sustainability planning with campus Equity Plans

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Next Steps: Get or Stay Involved!

- ESAC is working to finalize SAP 2022 draft for senates, governance council, and board of trustee review this fall

- **Today** is the start of building our community around the plan at Foothill!

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