Smart and Sustainable: Campus as a Living Laboratory
Overview

- Introduction
- Our historical Sustainability Path
- Campus as a Living Laboratory takes Shape
- Q&A
Introduction

• Facilities Planning Maintenance and Operations has been a leader
  • Internally and Externally
• FPMO designates Staff to oversee, coordinate & facilitate sustainability efforts
  • EMC chairs the District Sustainability Committee
  • Sustainability Specialist (FICCS) co-chairs the District Sustainability Committee and acts as liaison/assistant to the Campus Committees
  • FM’s co-chair Campus Sustainability Committees
• Each Campus has developed its own Sustainability plan
  • Significant overlap between the plans
  • Formal efforts are still in their early stages
• Each campus has a Sustainability Committee
  • Charged with implementing and developing the Sustainability Plan
  • Organized through the Participatory Governance process
  • Meet regularly
  • Representatives from each campus committee on the District Sustainability Committee
History: SMCCCD

2008
Formal Green Design and Construction Standards

2009 -2012
Focus on efficiency and modernization of facilities

2012
Adopted Statewide Sustainability Plan Template

2013
Sustainability Plans In Place
History: Sustainability Planning

**Sustainability Vision Statement**

Cañada College will be a model for environmental sustainability, inspiring and empowering our community to implement sustainable practices and promote social equity.

By adopting this Sustainability plan CSM commits to address the impacts of climate change and develop green curriculum to educate students for the challenges of the 21st century.

**Sustainability Vision Statement**

CSM will be a model for sustainability, inspiring and empowering our community to implement sustainable economic and environmental practices and promote social equity in all aspects of the college’s mission and operations.

**Sustainability Vision Statement**

Skyline College will inspire a collaborative, global community of learners to empower and transform the College and the community, advancing social equity through environmental stewardship and sustainable practices.
CaaLL Takes Shape
District Sustainability Initiative

- Energy Management Strategy
- Storm Water Management Program
- Water Efficiency Program
- Climate Action Plan
- Campus Sustainability Plans
- Solid Waste Reduction Program
- Strategic Communications Plan

Student and Staff Engagement

Faculty Advisory Committee

Living Laboratory
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<tr>
<th>Mission:</th>
<th>Vision:</th>
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<td>• To create and bolster opportunities for strong partnerships between</td>
<td>• Provide interactive, innovative and sustainable learning environments</td>
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<td>students, staff, and the greater SMCCCD community</td>
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<td>• Prioritize learning opportunities in everything we do</td>
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<td>• Continuous environmental, economic and societal improvement</td>
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<td>through accessible education</td>
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<td>• Openly share challenges and successes</td>
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<td>• Never rest in complacency</td>
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History: Defining Sustainability

Raising awareness of the need for social, environmental and economic balance through accessible education; And taking actions that enable future generations to thrive and achieve that balance.
Accessible Education is key!
Smart Infrastructure

- Cañada College Solar Photovoltaic ~1.25MW
- Cañada College LED Roadway & Parking Lot Lights
- College of San Mateo LED Roadway & Parking Lot Lights
- College of San Mateo Internet of Energy Project
- District Wide Sub-metering (M&V)
- District Wide EV Charging Stations
- District Wide Energy Information System
- College of San Mateo Co gen Replacement
- Skyline College Co gen Replacement
Energy Efficient Lighting
Solar Power
Electric Vehicle Charging Stations
CSM B19 Engineering/Emerging Technologies

Building Modernization
Skyline College Environmental Sciences

New Construction
Strengthening the link between instruction and facilities

Tracking metrics and proving value

Continuously Improving

Supporting Sustainability Change Agents and Champions
Thank you and Remember...

Have fun at work and celebrate the victories... even the small ones

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