MISSION SUSTAINABLE

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Sustainability Coordinator
Santa Clara University

- Santa Clara, CA
- 8,377 students
- Avg. class size: 25 students
- Founded in 1851
- Jesuit/Catholic university
- 106 acre campus
- Mission Santa Clara
- NCAA division I
- 300 days of sunshine a year
University Leadership

“I propose that we become a major center for discussions of environmental justice, and for examining the ethical dimensions of how we treat the physical world.

“I believe we can lead in the development and promotion of practices, businesses, and technologies that will ensure a viable and just future for all.”

- Michael Engh, S.J.

April 2009
## History of Sustainability at SCU

<table>
<thead>
<tr>
<th>Year</th>
<th>Event/Initiative</th>
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<tbody>
<tr>
<td>2004</td>
<td>Sustainability Policy</td>
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<td>2005</td>
<td>University Strategic Plan</td>
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<td>2006</td>
<td>Sustainability Coordinator</td>
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| 2007 | Campus Assessment  
    | Sustainable Silicon Valley  
    | Presidents’ Climate Commitment |
| 2008 | Office of Sustainability Formally Established  
    | Sustainability Council Formed  
    | Greenhouse Gas Emissions Inventory |
| 2009 | President Engh’s Focus on Sustainability  
    | University Strategic Plan  
    | Climate Neutrality Action Plan |
University Sustainability Policy

Ultimate goal: to foster a culture of sustainability
Overarching Goals

Develop a culture of sustainability

Emissions 20% below 1997 levels by the end of 2010

Climate Neutrality by 2015
Greenhouse Gas Inventory

Determine Tools and Methodology
- Clean Air-Cool Planet’s Campus Carbon Calculator

Inventory Boundaries
- Temporal: Fiscal year begins July 1
- Organizational: The SCU campus

Identify Scopes
Connecting with the campus

- Publicity (events, presentations, seminars)
- Meetings, meetings, meetings
- Appreciate differences among “silos”
### List of projects

#### Constantly evolving list of campus projects

#### Categorized by:
- applicable discipline
- stakeholders
- potential for implementation
Sustainability across the curriculum

AASHE’s Sustainability Across the Curriculum Workshops in 2007 and 2009

Faculty receive stipends for developing syllabi
Sustainable Living
Undergraduate Research Project
Environmental Ethics Fellow

• The ethics of green building (2006)
• Ethical analysis of the SCU Solar Decathlon (2007)
• The culture of sustainability among SCU undergrads
  – Qualitative (2008)
  – Quantitative (2009)
Waste Reduction

• Student-run Waste Characterizations
• Resource Recovery Stations
• Composting
Solar Decathlon

• Over 200 undergraduates participate
• Design and build a solar-powered, sustainable home
• 3rd place in 2007, ?? In 2009!
• The 2007 home is used as a lab and test-bed
Sustainability Outreach

- 2-quarter class, pass/no pass
- Undergraduates mentor local high school teams
- Develops a troop of sustainability leaders
Office of Sustainability

- Sustainability Coordinator
- Student Interns
  - Student initiatives
  - Faculty/staff initiatives
  - Publications & assessments
  - Residence life
  - Recycling
Helpful Resources

- Clean Air-Cool Planet  
  www.cleanair-coolplanet.org/  
  Information for corporations, campuses, communities

- *Fostering Sustainable Behavior*  
  By Doug McKenzie-Mohr and William Smith

- AASHE  
  www.aashe.org  
  Association for the Advancement of Sustainability in Higher Education
Thank You

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