

# Cañada College Sustainability Plan - Update

- Sustainability Committee
- Vision & Goals
- Programs/Status



[www.canadacollege.edu/sustainabilitycommittee](http://www.canadacollege.edu/sustainabilitycommittee)

# Environmental Sustainability Committee

- **Susan Mahoney (Chair) – Faculty, Earth & Environmental Sciences**
- **John Hashizume - Manager, Facilities Operations**
- **Lisa Palmer – Faculty, English**
- **Peggy Perruccio – Faculty, Fashion Design**
- **Vacant Seat - Faculty**
- **Jai Kumar - Manger, Bookstore**
- **Krystal Johnson - Office Assistant, Disability Resource Center**
- **Dr. Janet Stringer - Dean , Science and Technology Division**
- **Jennifer Fitzgerald, Student**

# Cañada College Sustainability Vision

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

# Cañada College Sustainability Plan Goals

1. Campus and Community Awareness & Involvement
2. Curriculum Development
3. The Built Environment
4. Energy Conservation and Efficiency
5. Water Conservation and Efficiency
6. Solid Waste Management
7. Transportation
8. Sustainable Procurement
9. Renewable Energy and Onsite Generation
10. Climate Action Plan
11. Sustainability Plan Management

# Goal Example

4	<b>Energy Conservation and Efficiency</b>	Establish energy use baseline by the end of 2013. Establish annual energy use reduction goals that are at least 15% below the energy use by similar entities. Develop and implement strategies in order to achieve these goals by May 2016. Evaluate goals every three years.
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**We were ambitious and we are making progress!**



# Highlights



# Campus & Community Awareness & Involvement

- Water Conservation Awareness: ongoing
- EV Charging Station Event: 10-28-13
- PV Groundbreaking Event: 4-10-14
- Earth Day Event: 4-22-14

*Lots more to do!*

- Sustainability website
- Interpretive signage on all new projects
- Behavioral reminders and educational info
- New student, staff, faculty orientation
- Increased student involvement !



# Curriculum Development

- Sustainable Interior Design courses and certificate
- Recycling and Resource Management certificate
- Green Entrepreneurship short courses
- Environmental Science GE course
- Contextualized English courses
- Student internships/training
- Student research

*Lots more to do!*

- Environmental Science major
- Campus projects as part of the curriculum
- Events and speakers



# Energy Conservation & Efficiency

- Energy audit
- Electric vehicle charging stations

*Lots more to do!*

- LED –exterior lighting
- Theater lighting
- Sub-metering project
- LED – interior lighting



# Water Conservation & Efficiency

- Baseline established
- Goals set (reduce by 25%) and exceeded
- Announcements and signage to promote awareness
- Training for facilities staff
- Irrigation scheduling
- Water bottle filling stations

*Lots more to do!*

- Educational signage
- Water metering
- Sewage discharge monitoring



# Solid Waste Management

- Onsite mulching of green waste for soil amendments
- Garbage and recycling bin placement improvements
- Water bottle filling station
  
- Lots more to do!
  - Establish waste baseline
  - Composting?
  - Bin placement study
  - Recycling education, signage and outreach
  - Procurement plan

# Transportation

- Electric vehicle charging stations
- Distance Education



Lots more to do!!

- Transportation study/survey
- Carpooling and public transit incentives

# Renewable Energy and Onsite Generation

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- 1 MW Photovoltaic Project - in progress !

# Our Strengths, Next Steps, and Our Needs

1. Strengths:
  - College and District Commitment
  - Momentum
2. Next
  - Campus Awareness/Involvement
  - Curriculum
  - Solid Waste
3. Need
  - More time and people-power!
  - More student involvement