California Climate Champions

Report to the Board

January 28, 2010

CALIFORNIA CLIMATE CHAMPIONS

California Environmental Protection Agency
AIR RESOURCES BOARD

BRITISH COUNCIL

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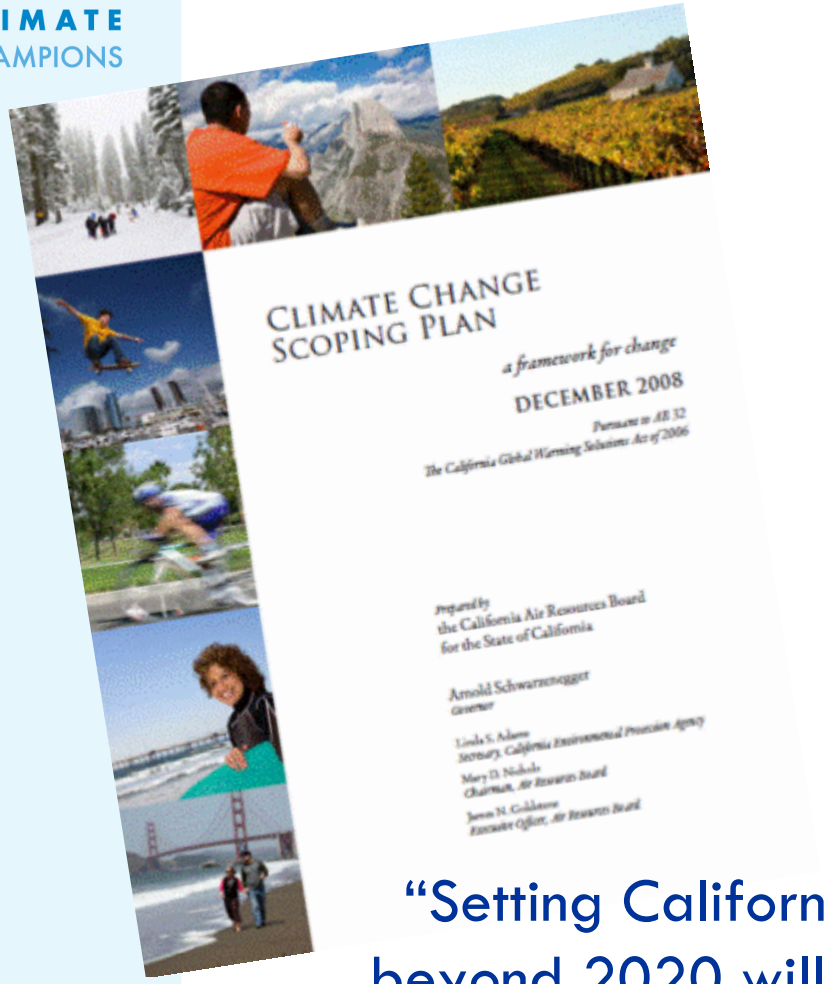
Scoping Plan Measures



- Regulations
- Market mechanisms
- Voluntary actions
  - Local Governments
  - Small Businesses
  - Households
  - Schools and Youth

"Setting California on track to a low-carbon future beyond 2020 will be a multigenerational challenge."

- ARB Scoping Plan 2008

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The Behavior "Resource"

In California, estimates of energy efficiency potential for 2020 suggest:

- ~20% reduction from projected energy demand in 2020
- ~26 MMTCO_2e reduction in GHG emissions
- > $400-500 annual savings/California household by 2020

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Role of Youth

- Simple low-C actions now are likely to lead to bigger low-C choices later
- "IT Generation" is constantly plugged in
- Youth influence their family and peers
- Young people are strongly influenced by teachers and school programs

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California's Youth Efforts

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Education and the Environment Initiative

CoolCalifornia.org Schools Toolkit

Green Jobs: education and training

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History of Climate Champions

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Program Goal

Promote voluntary climate change action by inspiring students, engaging classrooms and schools, and helping young people see the connections among personal action, curriculum, and the school itself.

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Program Objectives

- Develop the leaders of the "Climate Generation" to legitimize the youth voice on climate change
- Instill in youth the need for climate change initiatives
- Support Local, National, International Climate Change Initiatives and Policies

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What is the Champions program?

- Projects
- Training
- Speaking Opportunities/ Media Appearances
- International Collaboration

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Projects

- Energy/fuels research
- Art: clothing design, play-writing
- Columns or segments in local news media
- School and community education and events

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Projects

- Working with SF Environment and local schools to support the city's composting program.
- Educates mall-goers how to properly sort their trash at the Stonestown Galleria
- Developing a program to educate middle school students on gardening and composting.

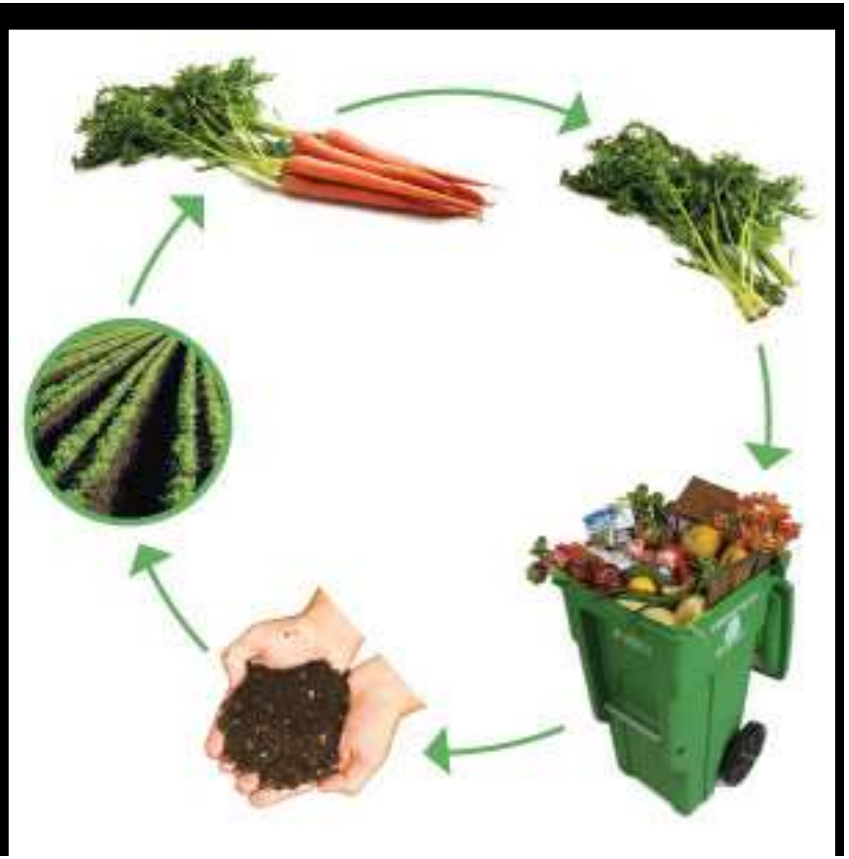
Soraya Okuda

Freshman, San Francisco State University

2009 Climate Champion

sfenvironment.org
our home. our city. our planet

GARDENING WITH KIDS



Providing a healthy activity, while teaching basic environmental concepts

CLIMATE CHAMPIONS PROGRAM:

Not only providing support and resources for student projects

...But nurturing innovation and inspiration among youth, as well as helping to further global awareness.

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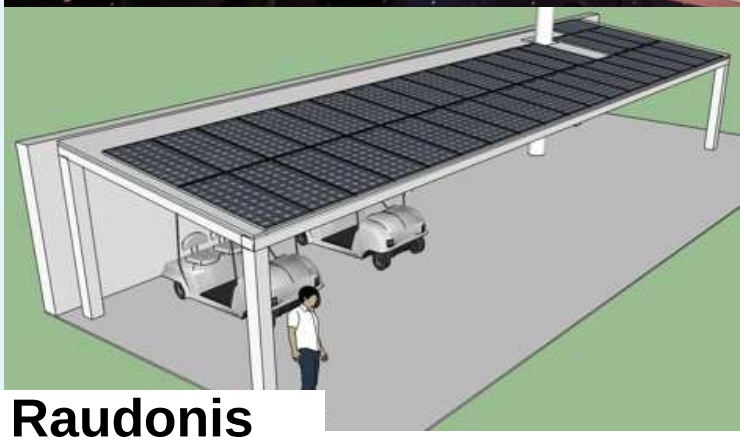

Projects

- Signed contract for a 6.3kW DC 36 panel array at WHS
- Expanded to 13 schools across the globe
- Created studentsforsolarschools.org as an online resource for student solar campaigns
- Raised $5,900, excluding donated labor and materials worth over $50,000 total

Adam Raudonis
Senior, *Westlake High*
2008 Climate Champion

Students for Solar Schools .org

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Program Direction

- Launch classroom-based program component in Fall 2010
- Engage a growing number of schools and young people in projects linked to EEI curriculum
- Create a program that could be easily replicated

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Empowering Our Youth Today to have an Impact Tomorrow