

Rancho Santiago Community College District *Sustainability Plan*

Presentation to the Board of Trustees

March 9, 2015



Overview

- 1) Path towards Sustainability Plan Creation at RSCCD
- 2) Sustainability Plan Template
 - Background
 - Documents
 - Process
- 3) Creation Process and Timeline at RSCCD
- 4) Sustainability Goals
- 5) Sustainability Projects (examples)
- 6) Next Steps - Implementation

RSCCD's Path Towards Sustainability Plan Creation

RSCCD Sustainability Vision Statement – BP 3406 (Renumbered BP 6012)

- Revised Policy Adopted: August 2013

The Rancho Santiago Community College District holds sustainability to be a foundational principle in its current and future development.

As a responsible steward of natural resources and the environment, the District will endeavor to minimize its impact on the environment by implementing best practices for conserving resources, reducing waste, implementing energy reduction and alternative energy generation strategies, constructing efficient buildings, and by developing partnerships that will further these activities.

Sustainable RSCCD Committee (RSC)

- Created in April 2012 and consists of district, college, faculty, classified staff, and student representatives
- Monthly meetings
- Committed to create a district-wide sustainability plan (October 2013)

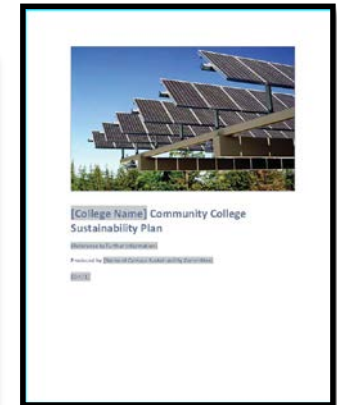
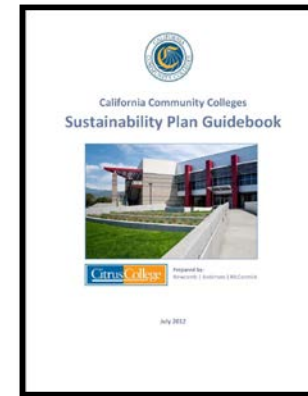
Background: Sustainability Template

Created in collaboration with the California Community College Chancellor's Office, Citrus College and Newcomb Anderson McCormick, funded by a California Energy Commission grant

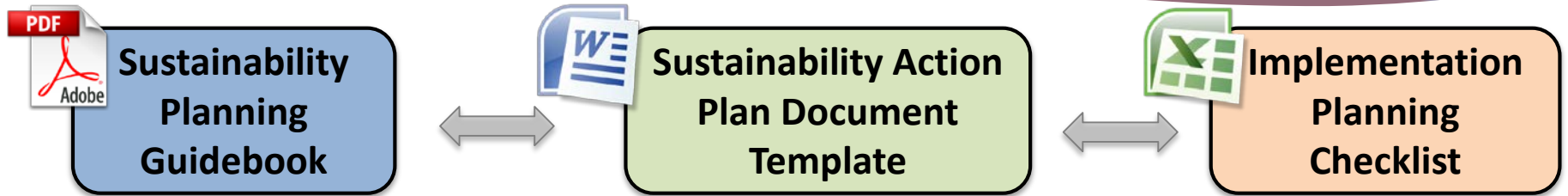
Provides a “roadmap” and “toolkit” to help guide the California Community Colleges to a more Sustainable future

Implemented successfully at California Community College districts throughout the state

- Designed with enough flexibility to be utilized at Community Colleges throughout California
- Addresses all aspects of sustainability including energy, transportation, solid waste/recycling, water issues, green purchasing, green curriculum, and provides recommendations for Climate Action Planning

The image shows a screenshot of a sustainability plan template spreadsheet. It has a header section with fields for 'College Name', 'Year', and 'Version'. Below that is a table with columns for 'Area', 'Description', 'Priority', 'Status', 'Responsible Party', 'Start Date', 'End Date', and 'Notes'. The table is divided into sections for 'Energy', 'Transportation', 'Solid Waste/Recycling', and 'Water'.

Sustainability Plan Template: Three Parts



Describes the start-to-finish implementation process

- Policy and Regulatory Drivers
- District Goals, Objectives, and Outcomes
- Economics of Sustainability
- Includes a menu of sustainability projects
- How to create an Action Plan
- Measure and Report Performance
- Best Practices and Case Studies
- Identifies resources available

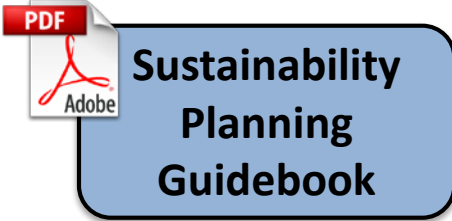
MS Word file containing Plan elements, organization, formatting, and instructions to assist in creating the customized Campus Sustainability Plan

- Contains template language and fill-in-the-blanks
- Includes all critical elements
- Reduces time spent writing and reporting
- Fully customizable

Macro-enabled MS Excel Spreadsheet used with the Guidebook to help select and manager different sustainability projects

- Used to select and track Sustainability Projects
- Matches the projects described in the Sustainability Guidebook

Programs and Plans

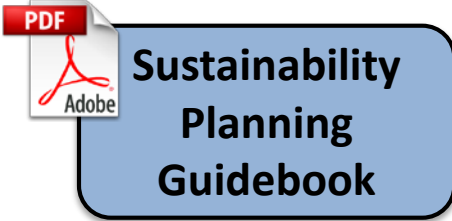


- Menu of sustainability projects



- 4.1** Management and Organizational Structure
- 4.2** Energy Efficiency
- 4.3** Facilities Operation
- 4.4** Sustainable Building Practices
- 4.5** On-Site Generation and Renewable Energy
- 4.6** Transportation, Commuting, and Campus Fleet & Travel
- 4.7** Water, Wastewater, and Sustainable Landscaping
- 4.8** Solid Waste Reduction and Management
- 4.9** Green Purchasing
- 4.10** Student and Curriculum Development
- 4.11** Campus and Community Outreach & Awareness
- 4.12** Create a Climate Action Plan
- 4.13** Other Programs and Projects

The Plan Creation Process



- Describes start-to-finish Plan creation and implementation process



RSCCD Sustainability: Plan Creation

Feb-Mar
2014

- SRC Adopts CCC Sustainability Plan Template as Guidance
- Engaged members and others from District and Colleges

Mar – Jun
2014

- Defined sustainability goals, criteria, and timelines
- Researched and documented past and existing sustainability initiatives, courses, and projects
- Engaged Campus Community – Student Sustainability Forum & Sustainability Surveys

Jun 2014

- Utilized Sustainability Guidebook to select sustainability programs and plans that met campus-specific goals

July 2014 &
Nov 2014

- Reviewed and revised draft versions of the Plan

The Process: Revisited

Commitment from Campus Administration

Establish a Campus Sustainability Committee

Define Goals, Criteria, and Timelines

Document Past and Existing Sustainability Initiatives and Progress

Select and Prioritize Implementation Programs

Create and Execute Action Plans

Measure and Report Performance

RSCCD Sustainability: Goals & Objectives

(Part 1)

Goal No.	Area of Sustainability	Established Goal
1	Campus & Community Engagement	Encourage participation in and awareness of sustainability issues through effective education and engagement. Integrate sustainability into all facets of student life, including student government, clubs, and organizations.
2	Curriculum Development	Facilitate the inclusion of environmental sustainability and social responsibility into existing curriculum and develop new curricula and career-oriented certificate and training courses with an emphasis on sustainability.
3	Energy	Utilize 2012-2013 benchmark study to establish annual energy use and demand reduction goals (target 5% reduction). Plan appropriate energy efficiency, demand reduction, or clean self-generation measures by mid-2015 to meet reduction goals.
4	Facilities Design & Operation	Design and construct all major capital projects and renovations to meet LEED Silver “equivalent” standard and operate facilities to meet solid waste, energy, and water use reduction goals. Employ sustainable landscaping practices.

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RSCCD Sustainability: Goals & Objectives

(Part 2)

Goal No.	Area of Sustainability	Established Goal
5	Solid Waste Management	Continue to implement the landfill diversion program, expand it to include all sectors of recycling and waste reduction to landfills, and strive to meet the statewide landfill recycling goal of 75% by 2020.
6	Sustainable Procurement	Implement efforts to source campus food, materials, supplies, information technology, equipment, and resources from organizations committed to social responsibility and environmental sustainability.
7	Transportation	Reduce the reliance of students, faculty, and staff on single occupancy vehicle commutes by 5 percent within the next five years, and encourage the use of low and zero emissions vehicles.
8	Water Management	Perform water use benchmarking studies at both campuses and the District Office to better understand usage as compared to similar facilities and community college peers. Based on the results, establish annual water use reduction goals and plan appropriate measures to achieve goals.

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RSCCD Sustainability: Programs and Plans

(Examples)

Coursework

- Energy Analysis Degree & Certificate (Page 29)
- Sustainable Facilities Management Certificate (Page 29)
- Public Works 069 – Green Infrastructure Construction (Page 26)
- Formal & Informal integration of sustainability concepts in existing coursework (Section 4.10)

Facilities Improvements

- RSCCD Facilities Master Plan (Page 14) – variety of commitments to sustainable facilities construction and management
- Santiago Canyon College Humanities Building (Page 15) – USGBC LEED Gold
- Energy Efficiency Measures (Page 12) – Retrofits and EE installations have taken place throughout the District

Sustainability Student Activities & Groups

- Earth Day Events (Page 31)
- Annual Sustainability Student Forum (Page 31)

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Measure and Report Performance

RSCCD Sustainability Plan Implementation: Next Steps

- **Board of Trustees Adoption**
- Plan is a “living” document and will be revisited and updated periodically
 - Solidify and Execute Action Plans
 - Measure and Report Performance

RSCCD Sustainability Committee will continue to meet regularly to ensure vision is upheld and goals are achieved

The Process: Revisited

Commitment from Campus Administration

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Define Goals, Criteria, and Timelines

Document Past and Existing Sustainability Initiatives and Progress

Select and Prioritize Implementation Programs

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Action Plans

Measure and Report Performance

Thank you!

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