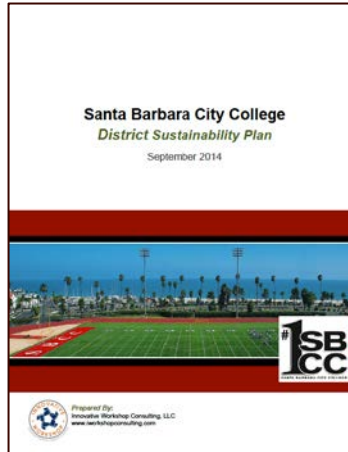


# Santa Barbara City College District Sustainability Plan



- Campus Sustainability Achievements
- Plan Development
- Next Steps!

Presentation Topics

- Campus Sustainability Achievements



## Plan Development - Fact-Finding

Copyright 2002 by Randy Glasbergen.  
www.glasbergen.com



**"I want our sustainability plan to be what you remember.  
It's also available as a music video, interpretive dance, and a haiku."**

## Campus Interviews

|                                                                                     |
|-------------------------------------------------------------------------------------|
| Community Market on Campus                                                          |
| Installed Reflective Roof on Bookstore, LRC, and BC (approximately 50,000 SF)       |
| Recycling Success Resulting in Rate of Disposal of 1.7 lbs/employee/day             |
| Retrofit all Interior Lighting and HVAC Equipment to be High Efficiency             |
| Food Services Facilities Utilize Biodegradable Containers                           |
| Installed 4 Electric Vehicle Charging Stations                                      |
| Replaced 133 3.5 GPF Toilets with 1.28 GPF Toilets                                  |
| 30% Renewable Energy Generation<br><i>200 kW Photovoltaic Array (1,344 panels)</i>  |
| 15-20% of Campus Comprised of Native Plants or Oak Restoration                      |
| Installed Electric Meters to Monitor Building Usage and Equipment                   |
| Developed and Implemented Operational Policies Including IPM Plan                   |
| Retrofit Exterior Lighting Fixtures with LED Technology Saving 696,000 kWh Annually |
| Developing a District-wide Sustainability Plan                                      |



Addition of recycling bins next to each trash can

Addition of mulch wherever possible to help feed plants and hold moisture in soil

Installation of motion sensor light controls in bathrooms to reduce electricity consumption

Replacement of turf grass with a bouquet of local and drought tolerant plants

Wake Center Watershed Project – collection of approximately 700 gallons of runoff per inch of rain into basins sized to hold approximately 1,050 gallons of water

Wake Center Watershed Project – upgrading of irrigation controller to a "smart" controller that identifies weather and rain and adjust accordingly





**First LEED Certified Building**  
*West Campus Classroom &  
Office Building*

**2014 Water Hero Award**

**Landscape Conversion**  
*Removal of Turf*

**Retrofitting**  
*Instructional Buildings with LEDs*

**Transportation Incentive Plan**  
*Over 80 Participants*

**What SBCC is Doing – 2014 Accomplishments**



## Plan Development – Workshop #1

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Renewable Resources

Doesn't Pressure  
Systems

Improved Health

*Water Reduction*

Energy Savings

*Conserve for future generations*

Dollars Saved

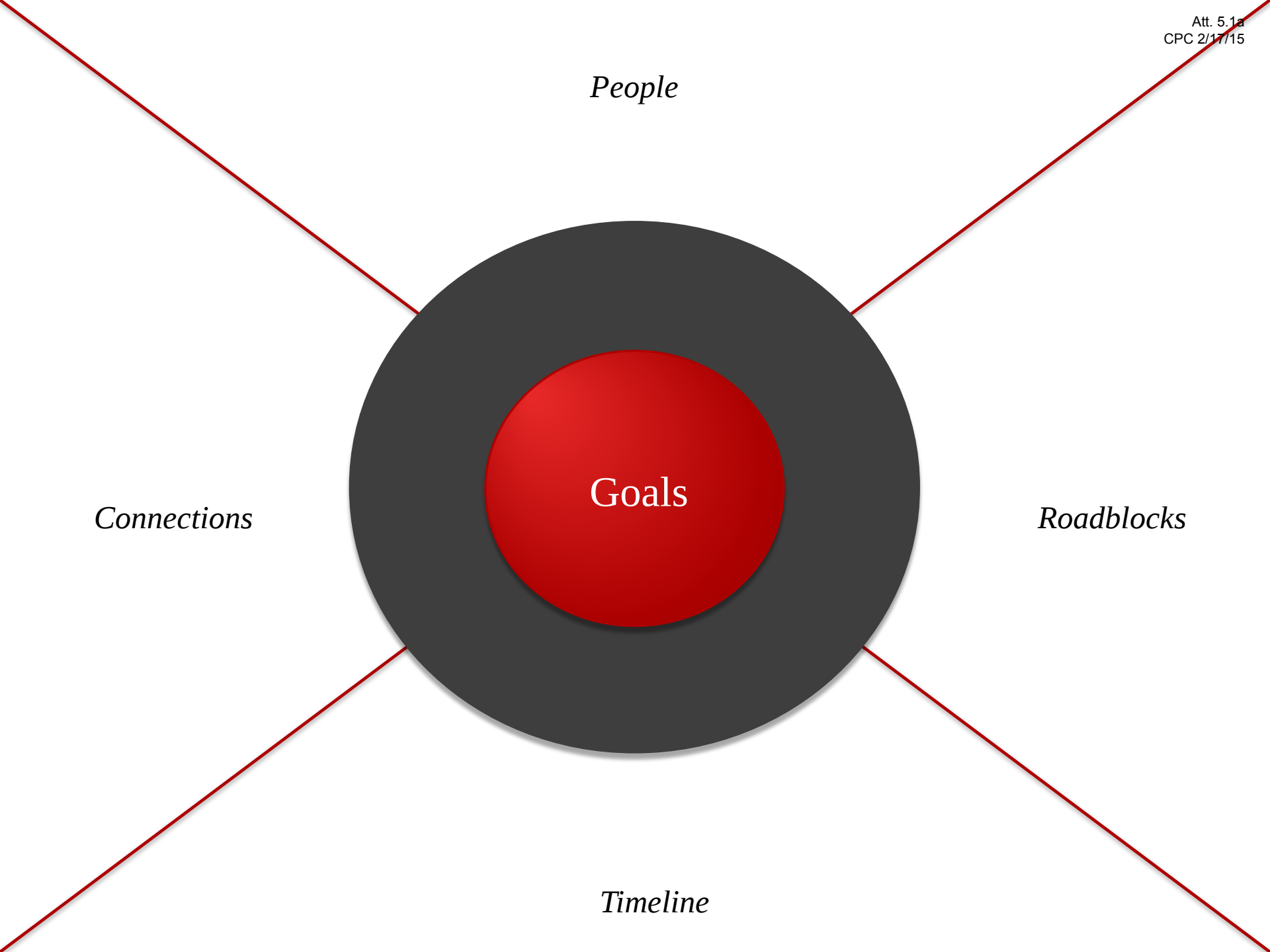
*Regenerative Systems*

PRESERVED OPEN SPACE

Survey Says?



## Plan Development – Workshop #1



*People*

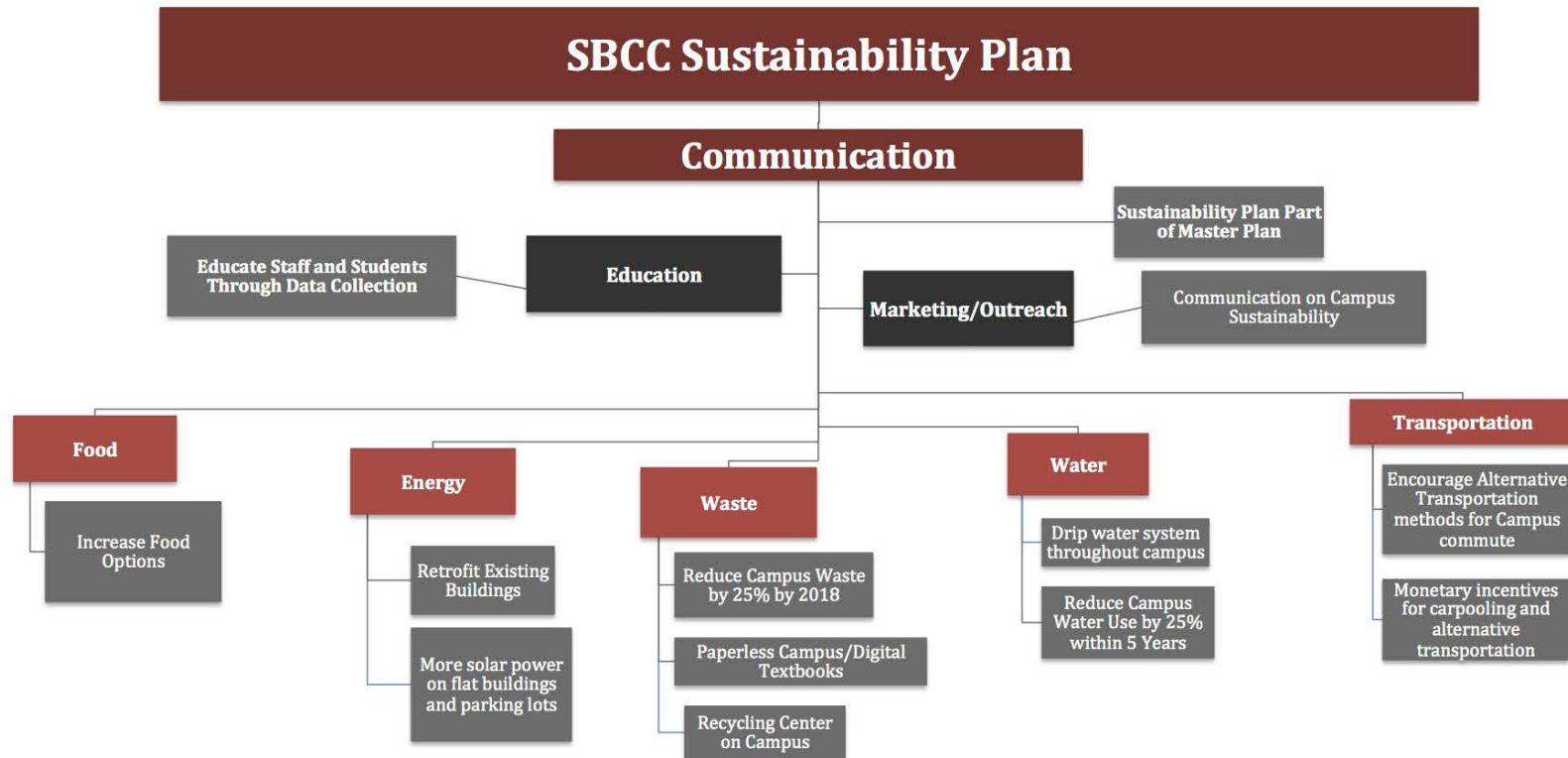
*Roadblocks*

Goals

*Timeline*

*Connections*

# Initiatives



## Workshop #1: Goal Development



## Plan Development Workshop #2

Educate Staff and Students Through Data Collection

Increase Food Options

Retrofit Existing Buildings

Reduce Campus Waste by 25% by 2018

Paperless Campus/Digital Textbooks

Sustainability Plan Part of Master Plan

Reduce Campus Water Use by 25% within 5 Years

Communication on Campus Sustainability

Encourage Alternative Transportation methods for  
campus commute

## Goals of Focus

Curriculum Integration

## Workshop #2: Prioritization of Goals

## Goals of Focus

### Decrease Single Occupancy Vehicles

1. Increase bus ridership and/or bicycle ridership to 75% in areas where bus is possible or where bicycling is feasible

### Reduce Water Consumption

1. Decrease potable water usage by 50%.
2. Decrease reclaimed water usage 50% (increasing natives and food plants will require this decrease).

### Increase Food Options

1. Increase non-salad bar vegetarian options to 30% of entrees in cafeteria and snack shops.
2. Provide at least 2 non-salad vegetarian options on menus in JSB and GDR.

### Improve Energy Efficiency

1. Install metering (capturing both electricity /gas) on all permanent buildings over 5,000 SF.
2. Obtain an Energy Star score of 75 or better by 2020 on all permanent buildings over 5,000 SF.

### Reduce Campus Waste

1. Reduce waste by 25% by 2017
2. Reduce waste by 75% by 2020
3. Become a net zero waste campus by 2025.

## Curriculum Integration

*What Needs to Happen?*

*How can this be implemented into the curriculum?*

**Goals**

*What is the Outcome?*

*Who Needs to be Involved?*

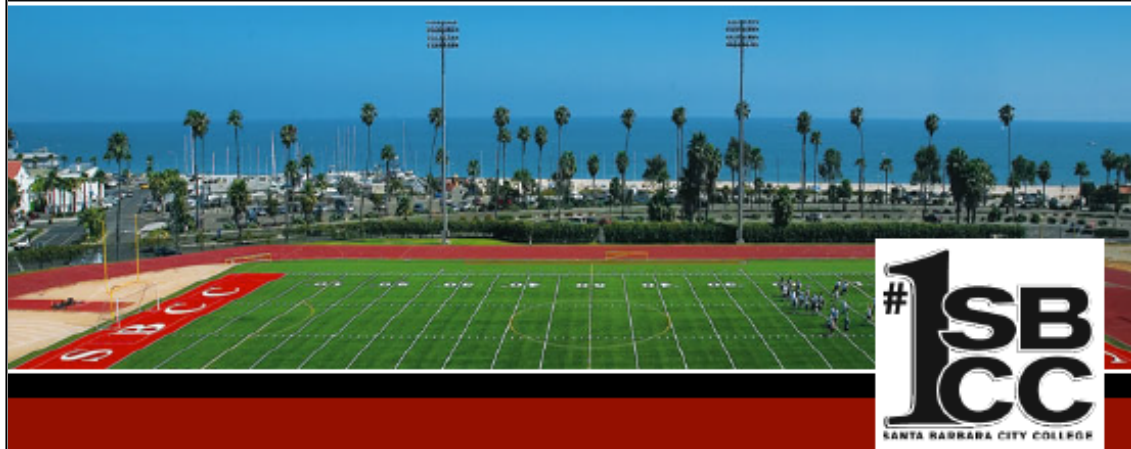
*What is the Action Plan?*

Completed Plan

# Santa Barbara City College

## *District Sustainability Plan*

September 2014



Prepared By:  
Innovative Workshop Consulting, LLC  
[www.iworkshopconsulting.com](http://www.iworkshopconsulting.com)

1. Present plan to College Planning Council
2. Present plan to Board of Trustees
3. Promote plan to campus and integrate into campus life
4. Implement goals and benchmark improvements
5. Develop a sustainability website to promote, implement, and benchmark plan goals, allowing accessibility to entire community

## Next Steps



## Closing Remarks

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