

San Bernardino Community College District

Sustainability Plan Presentation

Board of Trustees



January 19, 2012

Agenda

- Background
- Goals
- Next Steps



Background

- **Board Policy 3580 Sustainability**
 - Approved December 9, 2010
- **Key Points**
 - Develop sustainability plan
 - Actively engage faculty, staff, and students
 - Building greater awareness
 - Funding opportunities



Background

- Sustainability Plan Committee
 - Established December 2010
 - Task: Develop a plan to organize and guide our effort toward sustainability.
 - Comprising cross section of District Community.



Committee Members

- *Bruce Baron, Chancellor*
- *Charlie Ng, Vice Chancellor, Fiscal*
- *Gloria Harrison, President, CHC*
- *Algie Au, Faculty, SBVC*
- *Matthew Adams, Faculty, CHC*
- *Clare Hinkle, Student, CHC*
- *Grayling Eaton, Classified, SBVC*
- *Michael Strong, VP Admin, CHC*
- *James Hansen, VP Admin, SBVC*
- *Susan Bangasser, Dean, SBVC*



Sustainability Plan Committee



- Draft plan developed throughout 2011, and completed with input from the campus communities and public in December.

Goal 1

- Create a Campus-wide Culture of Sustainability.



Goal 2

- Incorporate Sustainability into the Development of New and Renovated Facilities.



ENERGY





SAN BERNARDINO
COMMUNITY
COLLEGE
DISTRICT

Building today
to train the
workforce of
tomorrow



San Bernardino
Valley College



THANK YOU
for your support of
Measure M



Craffton Aquatics Center LEED Landscaping



PHYSICAL SCIENCES

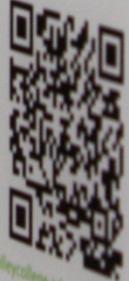
**Valley College
Physical Sciences Building**



09 / Indoor Environmental Quality

Take a deep breath. That air you're breathing has gone through how many filtration systems to ensure it is safe and healthy? (Okay, take another breath.)

SCAN



San Bernardino
Valley College

www.valleycollege.edu/greenip/09



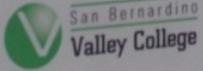
06 / Water Efficiency

Native planting such as that around this building saves the college how many gallons of water by reducing the amount of required irrigation?

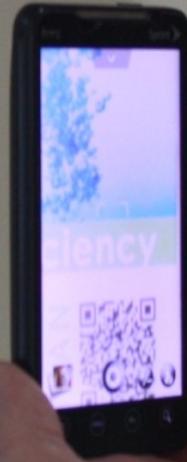


SCAN

www.valleycollege.edu/green/06



San Bernardino
Valley College



Water-Saving Landscaping

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Sign #6 – Water Efficiency - Native planting such as that around this building saves the college how many gallons of water by reducing the amount of required irrigation?

Located on nearly 80 acres of land, the SBVC campus hosts a variety of sustainable landscaping features from large plots of grass to dozens of varieties of trees, shrubs, flowers, and more.



When planning for the new Physical Sciences building, the landscape architects were challenged with selecting plantings that would lessen the need for irrigation and high-touch upkeep. Plants for the project were selected to create a "native" plant palette that could withstand summer droughts.

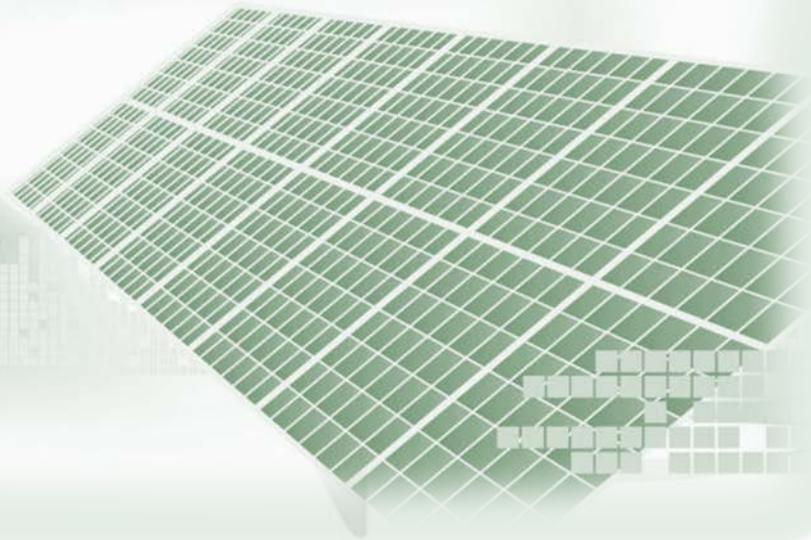
In just the month of July, the native planting and overall landscape strategy around the Physical Sciences building saves the campus 660,602 gallons of water –especially important as July is the driest month of the year.

Plantings around the PS building include:

- How Old Are Those Trees?
- Bus Service to SBVC
- Commuting By Bicycle
- VIP Parking for Alternative Fuel Vehicles
- Energy-Saving Windows
- ▶ Water-Saving Landscaping**
- Water-Saving Toilets
- Soil Re-Use
- Air Filtration Systems
- What's That Smell?
- Recycling at SBVC
- Energy-Saving Lighting
- Energy-Saving Central Plant Systems

Goal 3

- Invest in Renewable Energy and Energy Efficiency Programs.





**Solar Farm Groundbreaking at Crafton Hills College
December, 2011**



Solar Equipment Stockpile - CHC



Solar Equipment Stockpile - CHC

Goal 4

- Develop a More Sustainable Transportation System.



GO SMART. RIDE FREE.



Ride FREE with your student ID all school year.

GO
SMART



1-800-9-OMNIBUS OMNITRANS.ORG

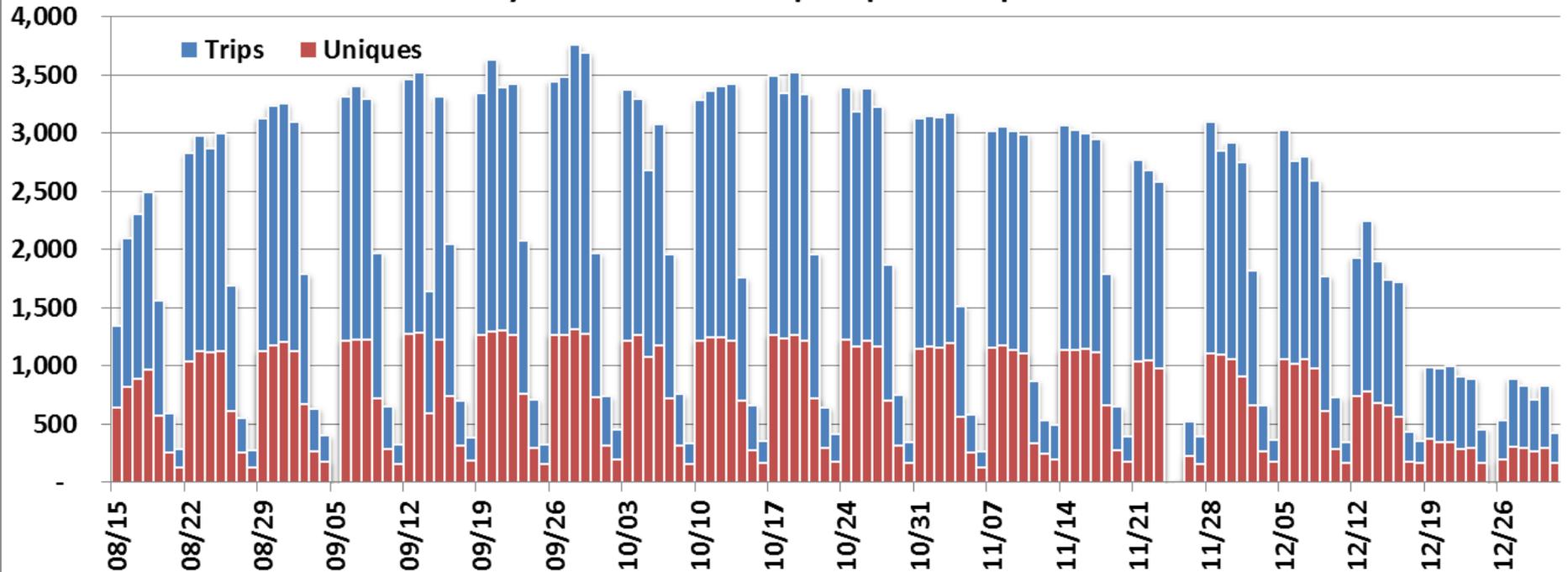


Go Smart Ridership by Day

(San Bernardino Community College District)



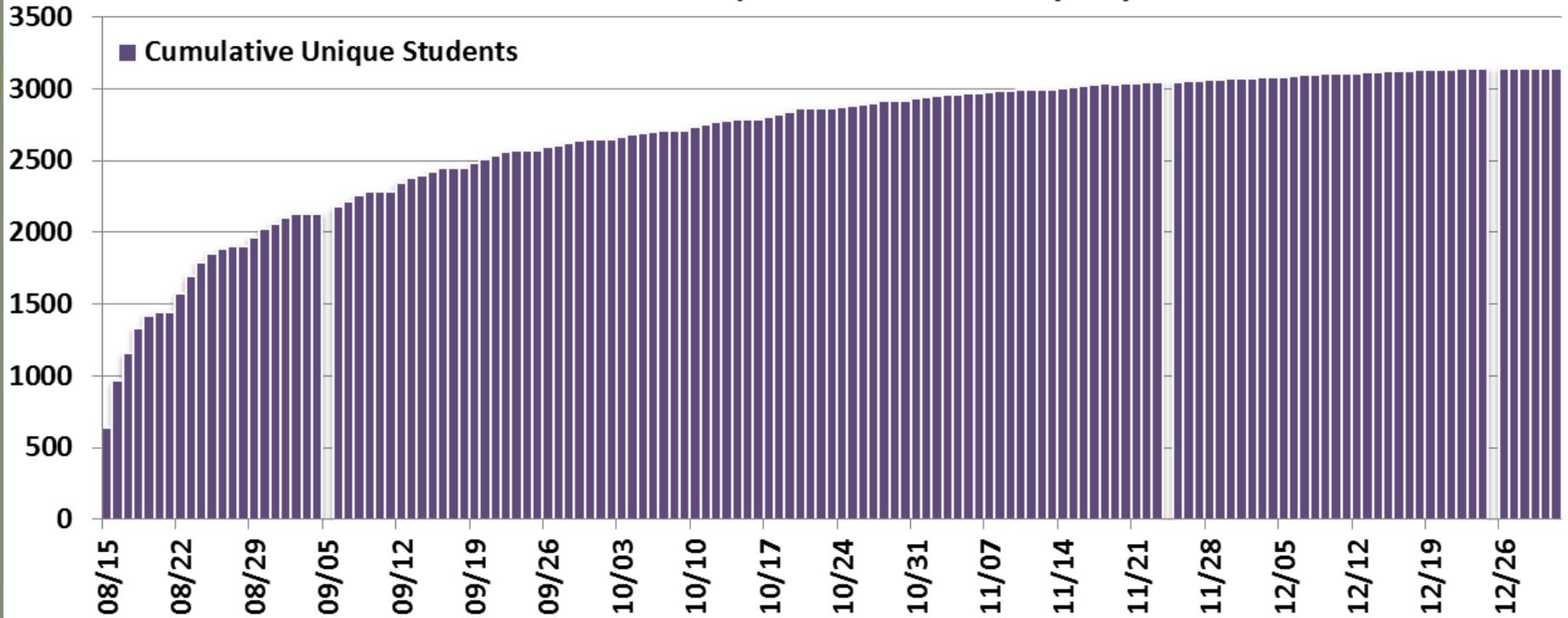
Daily Go Smart Ridership. Trips & Unique Riders.



Students Continue to Join (SBCCD)



Cumulative Unique Student Riders by Day



Goal 5



- Develop a More Sustainable System for the Purchase of Materials and Supplies.



Existing Training and Curriculum



EDCT: Energy Auditing, Solar Technology, and Water Technology

Valley : Solar Technology, Water Technology, AS Environmental Science

Crafton: AS Environmental Science

Goal 7



- Establish a Commitment to Climate Action.
 - American College and University Presidents Climate Commitment - ACUPCC
 - Create Institutional Structures
 - Tangible Actions to Reduce Greenhouse Gases
 - Greenhouse Gas Inventory
 - Climate Action Plan

Next Steps



1. American College and University Presidents' Climate Commitment – ACUPCC

- Sign the Commitment
- Effective May 15, 2012, Begin to Implement the Terms of the Commitment:
 - Create Institutional Structures
 - Tangible Actions to Reduce Greenhouse Gases
 - Greenhouse Gas Inventory
 - Climate Action Plan

Next Steps

2. Sustainability Plan

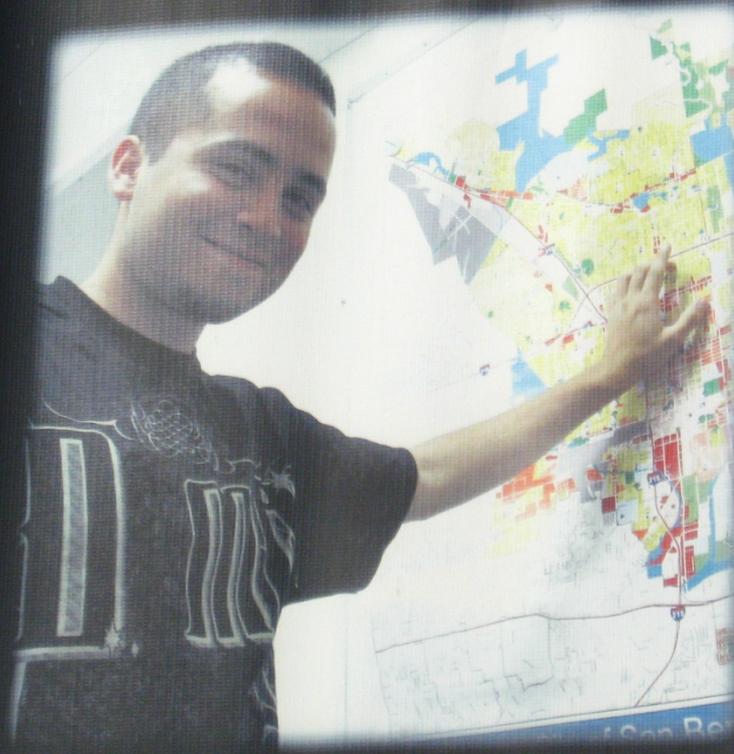
- Develop Implementation Plan





TAKE ACTION!

Your
journey
starts here.



San Bernardino
Valley College

Your future starts here.