

The Los Angeles Community College District Sustainable Building Program Lessons Learned

4th Annual LACCD
Sustainability Conference
December 2, 2005



The LACCD Program

- Board of Trustees Policy
- 44 New Buildings
 - At least LEED certified
- All Major Remodels
 - LEED Checklist & Exceed Title 24 by 10%
- Two New Satellites
 - LEED Certified
- Minimum 10% Alternate Energy
 - Solar, Wind, Geothermal



LACCD Successes

- Certified LEED Designer Requirement
 - From a couple dozen to hundreds
- Campus Wide Credits Pioneered
 - Work of Bharat Patel
- Enhanced User Awareness
 - Vocabulary and Sensitivity



LACCD Successes

- Furniture Procurement
 - Made from 100% Recyclable Material
 - End of Life Return
 - No Chrome
 - 15 year fully unlimited warranty
 - Design, Delivery, Installation Included
 - Below Market Prices
 - “Piggybackable” by all public entities



LACCD Successes

- **Rural Education Asset Partnership (REAP)**
 - E-Surplus all useable items
 - Non-profits / charities given opportunity to purchase
 - All useable items not sold go to the Mexican rural education agency
 - No useable items go to landfill
 - Processing-Collection-Transport paid by private sector donations
 - Any entity can participate



LACCD Successes

- Bulk Concrete Procurement
- Contains High Volume Fly Ash



LACCD Challenges

- Myths Remain
 - Higher Cost
 - Product Availability
 - Product Quality
- Inertia Exists
 - Difficult to adopt new mind set



LACCD Challenges

- Inflation / Escalation
 - Eroded Purchasing Power
 - Users want to cut costs
- Traditional Design Standards
 - Difficult to overcome “the way we have always done it”



LACCD Challenges

- Green Roofs
 - Lack of Familiarity
 - Knowledge of Design Requirements
- Cutting Edge Technology
 - Lack of Knowledge
 - T-8's, Photoluminescent Exit Signs



LACCD Challenges

- Life Cycle Cost Analysis
 - Unable to tie capital and operating expenses together
- Lack of Support from LADWP
 - Disincentive for Co-Generation
 - Minimal conservation and sustainable program funding
- Difficult to produce sustainable curriculum



Thank You

