

The Los Angeles Community College District Sustainable Building Program Lessons Learned

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LACCD

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Questions? E-mail webinar@endowmentinstitute.org



The LACCD Program

- ★ Board of Trustees Policy – 2002
- ★ New Buildings
 - At least LEED certified
- ★ All Major Remodels
 - LEED EB, LEED Checklist & Exceed Title 24 by 10%
- ★ Two New Satellites
 - LEED Certified Buildings
- ★ Minimum 15% Alternate Energy
 - Solar, Wind, Geothermal

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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

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LACCD Successes

- ★ Campus Sustainable Design Standards
 - All Construction Specification Institute Divisions Addressed
 - Cross-walk to LEED Scorecard
 - Green papers to educate
 - Available for download for free – go to www.laccdbuildsgreen.org

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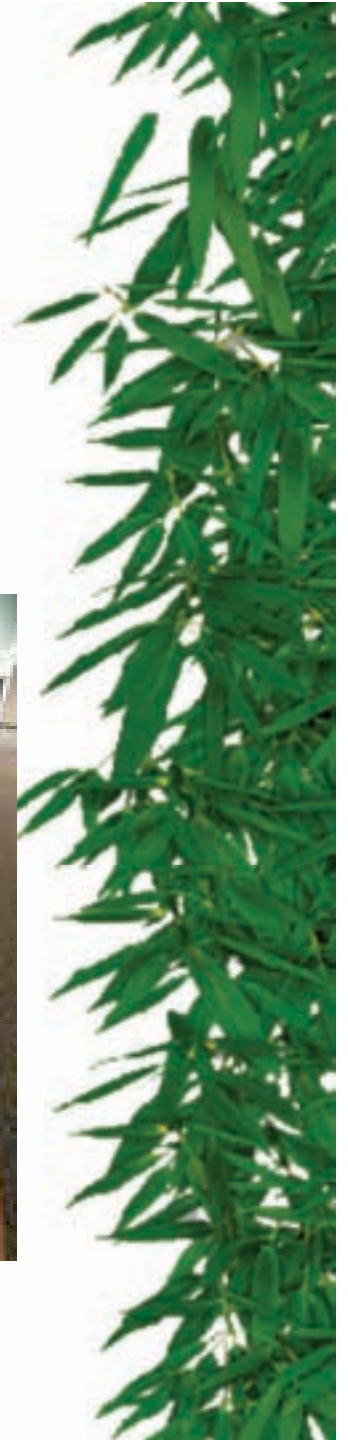


LACCD Successes

- ★ Sustainable Building Products
 - Furniture
 - Carpeting
 - Concrete



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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

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LACCD Successes

- ★ Sustainable Carpet
 - 30 year warranty
 - 100% recycled backing
 - 40% recycled yarn content
 - 100% recyclable
 - Wide range of color / pattern choice
 - Piggybackable
 - Less than \$15 per yard



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LACCD Successes

- ★ Concrete Procurement
 - High Volume Fly Ash Concrete
 - Permeable Concrete
 - Recycled Concrete



LACCD Successes

Sustainable Maintenance - Coatings

- ★ Anti-Graffiti Sealer
 - Paint washes off
 - Helps building weathering
- ★ Titanium Dioxide Coating
 - Spray on windows
 - Titanium Dioxide creates ozone from sunlight
 - No need to clean windows !



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Water Efficiency

- ★ Low Flow Irrigation – Need based
- ★ No Irrigation – Native Plants
- ★ Waterless Urinals
- ★ Cistern – Water Capture
- ★ Gray Water Systems



Pierce College's Botanic Garden contains both native and drought tolerant plants to reduce water dependency.

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LACCD Successes

Reuse and Recycle – Surplus Furniture & Equipment

- College Redistribution
- E-Surplus all useable items
- All useable items not sold go to the LA area non-profits – 2600 entities
- No useable items go to landfill
- Transport handled by donee
- Any non-profit entity can participate

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LACCD Challenges

- ★ Myths Remain

- Higher Cost
- Product Availability
- Product Quality

- ★ Inertia Exists

- Difficult to adopt new mind set

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