Beyond LEED: Strategies for Sustainable Campus Operations

April 29, 2010
Sustainable Campus Master Plan

Grant Funding Applications
Focus on Energy Use Intensity
Sustainable Curriculum and Education
Sustainable Design, Construction and Operation
LEED EBOM - Existing Buildings, Operation and Maintenance

LEGAT ARCHITECTS
sustainability performance design
2010 ©LEGAT ARCHITECTS - All Rights Reserved
LEED-EBOM Certification

- LEED Platinum  80-110 points
- LEED Gold       60-79 points
- LEED Silver     50-59 points
- LEED Certified  40-49 points
What is LEED-EBOM Feasibility Study?

LEED-EBOM Feasibility Study
The analysis of existing school facilities, including site, buildings and systems, also policies, programs and purchasing practices.

What is the LEED-EBOM Performance Period?

LEED-EBOM Performance Period
The time frame within which all applicable policies, programs, and tracking systems must be in place and operational. In this way, the USGBC can verify that there will be no delays in instituting policies outlined in the LEED-EBOM requirements.
What are the Benefits of LEED-EBOM Certification?

Benefits to Students and Faculty
- Provides better learning environment
- Educates about sustainability and environmental issues

Benefits to University / Community College
- Reduced Energy and Water Use
- Reduced Building Operation and Maintenance Costs
- Leadership in Sustainable Education and Technology
- Allows Pursuit of Available Grant Funding

Benefits to Community
- Educating larger community about energy efficiency, sustainability and best environmental practices
Sustainable Campus Operation Strategies
Hardscape Surfaces

Asphalt: 2,474,667(sf)
Concrete: 265,621(sf)
Permeable: 0 (sf)
Hardscape Surfaces

Asphalt: 0 (sf)
Concrete: 265,621 (sf)
Permeable: 2,474,667 (sf)
Sustainable Landscaping
Sustainable Roofing
Geothermal HVAC Systems
Geothermal HVAC Systems
Renewable Energy
Renewable Energy
Renewable Energy
THANK YOU!

- Jeffrey Sronkoski, AIA, LEED AP  
  Principal, Higher Education  
  LEGAT ARCHITECTS  
  jsronkoski@legat.com / 312.756.1244

- Vuk Vujovic, Assoc. AIA, LEED AP  
  Director of Sustainable Design  
  LEGAT ARCHITECTS  
  vvujovic@legat.com / 312.756.1266