

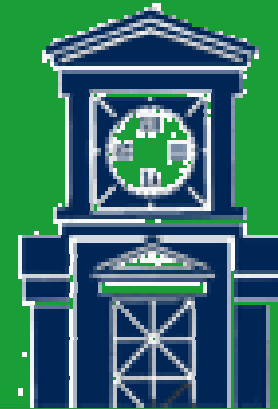
Making the Connection between Academia and Government



William Leahy
The Institute for Sustainable Energy
AASHE - October 6, 2006

Eastern Connecticut State University

- Located Willimantic, Connecticut
- Founded as a state teachers college in 1889
- Connecticut's Public Liberal Arts University
- 37 Majors & 47 Minors for undergraduates
- 5113 undergraduate students
- 178 acres, 50 buildings
- \$4.5 million energy bill



Center for Excellence Sustainable Energy Studies



- The Board of Trustees of the Connecticut State University System established a Center for Sustainable Energy Studies at ECSU and designated ECSU a Connecticut Higher Education Center for Excellence on July 14, 2001.
- In support of the Center, in 2001 the CSU Board of Trustees established the Institute for Sustainable Energy to commence programs which promote and improve the awareness and understanding of sustainable energy issues state-wide.

Institute for Sustainable Energy At Eastern Connecticut State University

The Institute's Mission is "...to identify, develop and become an objective energy and educational resource regarding the means for achieving a sustainable energy future."

Staffing

Director of Operations
Technical Specialist
Educational Specialist
UA for Educational Programs
UA for Web Design
8 to 10 Student Interns



Application Center Model

Not scientific research

Not a "Think Tank"

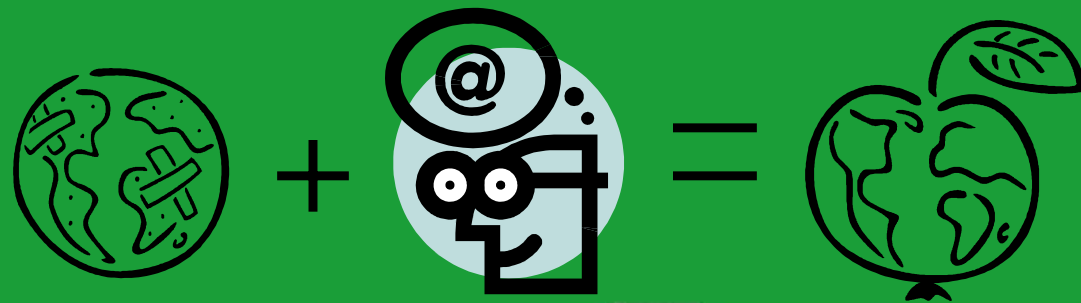
Core Activities

Support the Development of Public Policy

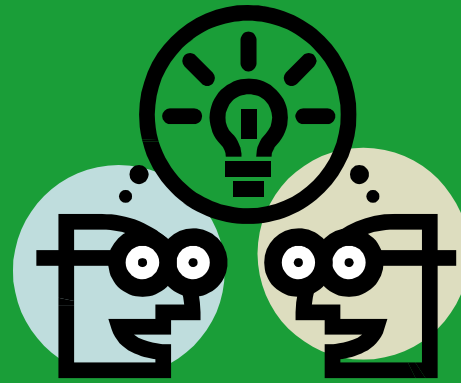
Provide Educational Outreach

Demonstrate Practical Energy Solutions

A Source of Information on Sustainability



Influence Public Policy



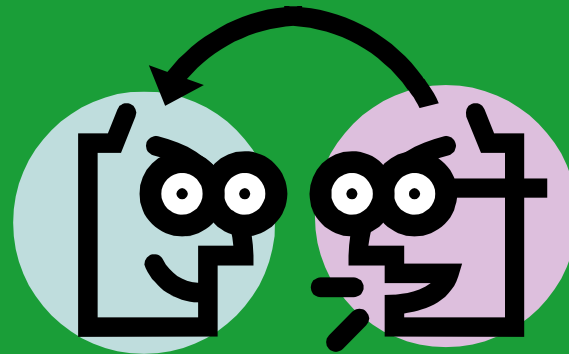
- Attend Policy Meetings
- Join Organizations of Activists
- Provide Testimony at Public Hearing
- Support Bills at State Legislature
- Provide Input to State Energy Plan
- Support Legislative Task Forces
- Contribute to Climate Change Action Plan

Influence Public Policy

- | | |
|-------------------------------|--|
| 1. Attend Policy Meetings | 1. CEAB, ECMB (Energy Boards)
NSTA |
| 2. Join Organizations | 2. CT GBC, CT Power and Energy
Society, CSTA |
| 3. Support Bills | 3. Act for Energy Independence,
Green Schools Bill, Gas/Oil
Conservation Bill |
| 4. State Energy Plan | 4. Supported 2005, facilitated
2006 and 2007 |
| 5. Legislative Task Forces | 5. Fuel Diversity Task Force, Low
Income Energy Advisory Board |
| 6. Climate Change Action Plan | 6. Member of Working Groups, Ed
Committee, Lead Organization
for 6 Initiatives |

Educational Outreach

- Undergraduate Programs
- K - 12 Educational Programs
- Professional Development
- Educational Organizations
- General Awareness
- Special Events

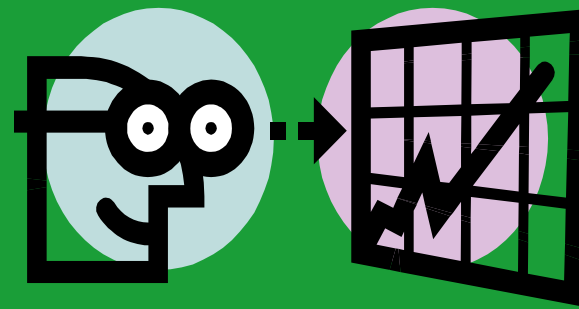


Practical Solutions

- | | |
|------------------------------|--|
| 1. Undergraduate Programs | 1. Sustainable Energy Studies |
| 2. K-12 Educational Programs | 2. High School Energy and Climate Change Education |
| 3. Professional Development | 3. Code Inspector Training, Distributed Generation applications, Teacher Workshops |
| 4. Educational Organizations | 4. CT Earth Science Teachers Assoc., CSTA, NSTA, CT Museum Assoc. |
| 5. General Awareness | 5. Earth Day, Green School & Green Campus Presentations |
| 6. Special Events | 6. UN Children's Conference, ConnCap, CT Envirothon, |

Practical Solutions

- Benchmarking
- GHG Inventories
- Building Walk-throughs
- Campus as Learning Lab
- Facilitate Stakeholders
- Operations Pilot Project
- Demonstration Projects
- Research

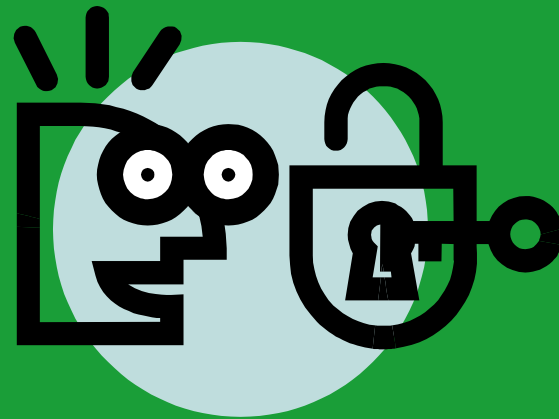


Practical Solutions

- Benchmarking
- GHG Inventories
- Building Walk-throughs
- Campus as Learning Lab
- Facilitate Stakeholders
- Operations Pilot Project
- Demonstration Projects
- Research
- EPA Portfolio Manager
 - State Facilities
 - Local Schools
- Clean Air/Cool Planet, ICLEI
- Green Campus Initiative
- Recycling, PV, energy studies local foods
- HP "Green" Schools Study
- Biofuel SEP Grant
- Multi-family Demo Project
- Efficiency of Local Schools Study

Information Resources

- Library Materials
- Web Sites
- Newsletters
- List Serve
- Guest Speakers
- GIS Mapping
- Seminars and Workshops



Web Sites

- Institute for Sustainable Energy
www.sustainenergy.org
- Portal to Energy Information and Assistance
www.ct-energyinfo.com
- High School Curriculum
www.ctenergyeducation.com
- Green Schools and Campus Initiative
www.ctgreenschools.org (coming soon)
- Information and Benchmarking
www.energystar.gov

Lessons Learned

- ✓ Engage your Administration and Faculty
- ✓ Provide Students with "Real World" Experiences
- ✓ Build Relationships with Peer Groups
- ✓ Build Relationships with Local Advocates
- ✓ Actively Support State Sustainability Initiatives
- ✓ Provide Policy Makers with Solid Information
- ✓ Use your Campus as a Learning Laboratory
- ✓ Propose Sustainability Initiatives
- ✓ Reach Out to your Local and State Government

Recognition



Institute for Sustainable Energy

2003 Dept Environmental Protection *Green Circle Award*

2004 EPA & DOE National Energy Star
Partner of the Year - Energy Education

2004 & 2005 Region 1 - Environmental Merit Award

2005 CT Climate Action Plan Progress Report

DEP Recognized 7 initiatives

2006 CT Quality Innovation Gold Award

"Greening of Eastern" received together with ECSU's
Administration and Sustainable Energy Studies.

Questions?



www.sustainenergy.org