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# Green Campus Development

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## “Green Campus” Movement

- ◆ Well over a decade of history
- ◆ 1988 UCLA “In Our Backyard . . .”
- ◆ 1990 Talloires Declaration
- ◆ 1990 Tufts CLEAN!
- ◆ 1990 Brown is Green
- ◆ Many more since . . .

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## **Much has been accomplished, yet . . .**

- ◆ C&U's exist w/in rest of society, same economic, social, technological forces & constraints
- ◆ But . . .
- ◆ Communities unto themselves, much autonomy and control and . . .
- ◆ Dedicated to healthy, prosperous, sustainable future

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## Developing a “Green Campus”

- ◆ Five major parts of the community:
  - Students
  - Faculty
  - Staff
  - Administration
  - Trustees
- ◆ All must be involved and supportive
- ◆ Look to model programs

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## Tufts Climate Initiative

- ◆ Presidential support
- ◆ Staff, and Faculty involvement
- ◆ Funding (?)
- ◆ CO2 Reductions
- ◆ Research & monitoring
- ◆ Education- Courses and student projects
- ◆ Outreach and events
- ◆ University-wide Energy Affairs Council

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# University of New Hampshire

- ◆ Endowed Office of Sustainability Programs
- ◆ Administers 4 “Education Initiatives”
  - Climate Education Initiative
  - Biodiversity Education Initiative
  - Food and Society Education Initiative
  - Culture and Society Education Initiative
- ◆ Each one has cross-cutting committee
- ◆ Presidential support

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## Middlebury College

- ◆ Environmental Studies and awareness a “peak of excellence”
- ◆ University-wide Carbon Reduction Initiative Committee co-chaired by VP for Administration and Finance
- ◆ 17-student J-term class developed model plan for Carbon Neutrality
- ◆ Implementation engrained in culture

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## Brown is Green

- ◆ One of longest running programs
- ◆ Dedicated staff
- ◆ High level of student involvement in numerous projects and programs
- ◆ Major successes in building energy efficiency and highly effective recycling program
- ◆ High level support not a major factor

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# Harvard Green Campus Initiative

- ◆ Emphasis on the university as a “learning organization” and “living laboratory”
- ◆ University-wide collaboration:
  - Inter-faculty Advisory Committee
  - Steering Group
  - Staff, Interns
- ◆ Green Campus Loan Fund
- ◆ FAS Computer Energy Reduction Pgm

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## **UB Green (SUNY Buffalo)**

- ◆ Example of the potential of one committed, knowledgeable, and well-placed individual
- ◆ Student internships and independent study projects
- ◆ Strong community and other kinds of outreach (AHEFO, NWF Campus Ecology Program)



## Common Threads:

- ◆ High level support
- ◆ At least one dedicated staff member
- ◆ Committee comprising administration, faculty, staff, and students
- ◆ Integrated into curriculum
- ◆ High level of student involvement in projects and program administration
- ◆ Effective outreach



## Recommended reading

- ◆ Greening the Ivory Tower – Sarah Hammond Creighton
- ◆ The Road From Little Victories to Systemic Transformation – Leith Sharp  
[http://www.greencampus.harvard.edu/green\\_universities.pdf](http://www.greencampus.harvard.edu/green_universities.pdf)
- ◆ Environmental Stewardship and the Green Campus: The Special Role of Facilities Managers - Walter Simpson  
<http://wings.buffalo.edu/ubgreen/content/resources/envstewardship.html>

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- ◆ Energy Sustainability and the Green Campus – Walter Simpson

<http://wings.buffalo.edu/ubgreen/documents/resources/V31N3-Art18Simpson.pdf>

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## Web sites:

- ◆ <http://www.tufts.edu/tie/tci/>
- ◆ <http://www.sustainableunh.unh.edu/>
- ◆ <http://www.middlebury.edu/offices/environment/initiatives/>
- ◆ [http://www.brown.edu/Departments/Brown Is Green/](http://www.brown.edu/Departments/Brown_Is_Green/)
- ◆ <http://www.greencampus.harvard.edu/>
- ◆ <http://wings.buffalo.edu/ubgreen/>

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- ◆ Regional non-profit dedicated to catalyzing proactive solutions to global warming
- ◆ Founded in 2000; based in Portsmouth, NH
- ◆ Non-partisan, science-based
- ◆ > 75% foundation funded
- ◆ Action-oriented partnerships with:
  - Businesses
  - Municipalities
  - Colleges and Universities
- ◆ Public awareness and education

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## Campuses for Climate Action

- ◆ Inventory greenhouse gas emissions
- ◆ Establish target and timetable for reductions
- ◆ Develop Action Plan
- ◆ Implement Action Plan
- ◆ Monitor progress and adjust/modify plan as necessary
- ◆ Publicize commitment & actions

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## Current partners include:

- ◆ Tufts University (founding partner)
- ◆ UNH, UVM, Middlebury College
- ◆ Bates, Bowdoin, Colby Colleges
- ◆ Connecticut College, Eastern CT State U.  
St. Joseph College
- ◆ Skidmore College, Colgate University
- ◆ GHG Inventory software used at UMaine,  
Harvard, MIT, Wellesley, Yale FES

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