

**UNIVERSITY OF MARYLAND, COLLEGE PARK**  
**MD STATE GOVERNMENT ENVIRONMENTAL FOOTPRINT HIGHER ED SUMMIT**  
**May 1, 2009**

**Structure**

- Sustainability a guiding principle in University Strategic Plan
- Office of Sustainability (3 FTEs, 1 graduate assistant, undergraduate interns) facilitates sustainability partnerships across the University, provides planning and consultation, and highlights campus accomplishments
- New University Sustainability Council will consist of 15 Vice Presidents, faculty, students and staff who will monitor/revise the Climate Action Plan and establish sustainability priorities and strategies

**Greenhouse Gas Mitigation**

Developed a Draft Climate Action Plan with over 40 suggested strategies as part of the Presidents Climate Commitment:

- ESCO's, climate neutral buildings, increase renewable power procurement
- Departmental Energy Reports - Pilot
- Green IT – virtual servers, thin clients, power down settings, IT Energy Conservation Coordinator
- Transportation – reduce number of parking permits (fewer single occupancy vehicle commuters) and enhanced alternate transportation programs
- Fleet – petroleum reduction goal, expand UM Shuttle including procurement of hybrid buses, expand use of electric vehicles with solar recharging stations and increase fuel efficiency of purchased vehicles
- Promote virtual meetings by establishing space equipped and supported by OIT
- Solid Waste – expand campus recycling and composting program. Increase diversion rate to 60% by 2010 and 75% by 2013 over current baseline (54%). Require recycling for all campus events, continue athletics Feed the Turtle campaign, review onsite compost equipment. In process of hiring dedicated management positions for solid waste and recycling

**Land Use/Green Buildings**

- Environmental stewardship goals incorporated within Facilities Master Plan
- LEED Silver adopted as campus standard in 2007
- Facilities Management supports LEED AP designation for all construction PM's and Managers
- Camille Kendall Academic Center (Shady Grove) and Knight Hall first LEED projects
- East Campus Redevelopment – smart growth project (previously developed site, access to mass transit and community services, old landfill site). Goal of no net environmental impact for relocation sites
- Campus designated as an Arboretum and Botanical Garden and Tree Campus USA Site. Includes expansion of native species, research, education, and land preservation

**Stormwater**

- Installed first green roof on high rise dormitory in September 2008
- Installed first stormwater capture/irrigation system at renovated Washington Quad. Second system to be included in new Knight Hall.

- LEED AP Landscape Architect on staff. Beginning to implement stormwater mitigation designs (pervious pavers, etc.)
- Upgraded existing stormwater retention ponds and expanding low impact development projects

### **Purchasing**

- Drafted new Environmentally Preferable Purchasing Policy (To be considered by Administration)
- Monitoring State EPP Policy development
- Procurement to designate sustainability coordinator to research, encourage, and monitor "Green" purchasing
- Cleaning – Major shift to "Green Seal" cleaning products and procedures within Facilities Management, Residential Facilities, and Student Union

### **Education**

- Chesapeake Project – faculty workshop scheduled for May 2009 to assist faculty to incorporate sustainability and climate change into existing non-environmental courses
- UNIV 100 – sustainability lesson plan delivered by upper-class students to freshmen seminars
- Supported numerous student projects including Business School "QUEST" Projects that assign student consulting teams to campus sustainability challenges (e.g., carpools, metrics)
- Several Gemstone student theses focused on sustainability issues

### **Measurement**

- Developed campus sustainability metrics – 44 metrics, 31 to be measured For FY 2008
- Campus metrics report – to be issued annually to campus leadership and through Biennial Campus Sustainability Report

### **Outreach**

- Hosted Annual *Smart & Sustainable Campuses Conference* for colleges and universities
- Biennial Campus Sustainability Report
- Bi-weekly Sustainability Speaker Series
- Incorporated sustainability into student orientation program
- Office of Sustainability and Business School MBA team researching social venture focused on energy conservation in the community (low income households) and carbon offsets
- Greater Washington Green Business Award For Zymetis, Inc. (biofuels start-up launched by campus research)
- Campus-wide website, sponsored events, etc.

For More Information:

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