



NJHEPS

April 2008

From the Executive Director:

As we approach Earth Day (April 22) and Earth Week, there is a lot going on in sustainability issues in New Jersey and elsewhere. The NJ Bureau of Public Utilities (NJBPÜ) hopes to issue the new State Energy Plan before Earth Day, and there are many New Jersey colleges and universities planning Earth Day events. [Terra, can you give some examples here of what FDU, NJIT and Rider are doing for Earth Week?]

NJBPÜ also announced on 19 March that the BPU Board has approved the funding of the 2007 NJBPÜ Clean Energy Program's Education & Outreach Grant Program". What is great about this announcement is that included among the projects approved for funded was \$60,000 for NJHEPS to continue its mini-grant programs for higher education in New Jersey over the coming months. As soon as we get our official award letter and have a contract signed, we will issue an RFP for New Jersey schools to apply for clean energy mini-grants.

There is also plenty of news going on around the country on sustainability. A few weeks ago I heard Larry Eisenberg of the Facilities group at Los Angeles Community College District (LACCD) give a presentation about how LACCD plans to be a "net seller of electricity to the grid" within 5 years. The District, which serves 185,000 students at nine campuses in the Los Angeles area, is using a major voter-approved bond construction program to reduce energy use through their "Building Green" construction program for 40 new buildings that will meet or exceed LEED Standards, and installing on-site renewable energy systems to meet the District's total energy needs. Besides directly addressing

rising energy cost issues and the shrinking operating budget funding from state sources, the programs are also incorporating strategies to conserve natural resources, including water-saving technologies, native-plant landscaping, and use of natural light and air wherever possible. I think this is an innovative example of eliminating energy costs from future budgets, which will allow the availability of more funding in the future of the educational mission of the LACCD.

At the NJHEPS Spring Energy Workshop at Richard Stockton College last week, the overflowing crowd of 60+ attendees heard a number of presentations on addressing energy issues and sustainability, including an excellent update on what is happening in Trenton from Joe Sullivan of NJBPÜ. One of my favorites was the presentation by Tracy Hall, head of Facilities at Sullivan County College in New York State, who described how over the last decade Sullivan County has transformed an all-electric college built in the early 1970's into a center for sustainable energy technology, with a geothermal heating/cooling system, solar PV arrays, and a on-campus wind turbine that is scheduled to go on-line this year. They have incorporated sustainability best practices into their curriculum, including offering degrees and certificate programs in green building and clean technology, which they believe is helping create an educated "green collar" work force in the county, including some new companies to be located in their new Green Technology Business Park on-campus.

Meanwhile, on the community front, the small Missouri town of Rock Port announced it will become the

first 100% wind-powered community on Friday 18 April when the municipal utility turns on four wind turbines that will generate 16 million kwh/year, for a community that only uses 13 million kwh/year. The municipal utility points out that it will sell excess energy to local energy companies (and buy it when the turbines are not running), and also eliminate transmission line costs they incur when they now import energy, and serve as a long-term hedge against rising energy prices. Now we need New Jersey colleges, universities and communities start to think like LACCD, Sullivan County and Rockport in addressing our energy needs.

We also see sustainability issues being addressed by other parts of higher education than just facilities and energy. For example, Eric Crouse of the Bergen Record had an article on 30 April on sustainability in New Jersey business schools, which address how some schools are addressing the rapidly growing trend of small, medium and large companies to embrace sustainability issues, perhaps even faster than academic business schools in New Jersey have been able to teach it to their students.

So much like the character in Alice in Wonderland, we have to keep running faster and faster just to keep up. Let's keep New Jersey as a leader in sustainability and clean energy by practicing what we preach and learning from each other and the rest of the region, country and world about best practices and policies, and making our campuses clean, green and efficient!

Governors Sign Declaration on Climate Change at Yale

Connecticut Governor M. Jodi Rell last week led more than a dozen Governors from across the country in signing the Governors' Declaration on Climate Change at the 2008 Conference on Climate Change at Yale University.

Joining Governor Rell at Yale University to sign the Declaration on Climate Change were Governors Jon Corzine of New Jersey and Kathleen Sebelius of Kansas. In addition, the Governors of Arizona, California, Colorado, Delaware, Florida, Illinois, Maine, Maryland, Massachusetts, Michigan, New Mexico, New York, Oregon, Virginia and Washington have signed the Declaration.

The Governors' Declaration on Climate Change builds on the historic efforts of President Theodore Roosevelt and Gifford Pinchot, the founder of the Yale School of Forestry and the first chief of the U.S. Forest Service. Together, President Roosevelt and Pinchot launched a national movement to conserve the country's natural resources.

To strengthen this movement, President Roosevelt convened a Conference of Governors at the White House 100 years ago to establish a conservation partnership between the states and the federal government. Today's Declaration renews that spirit in an effort to control and reduce greenhouse gas emissions.

In addition to recommitting efforts to address climate change, the Declaration sets forth three key principles:

- * A federal-state partnership is critical to success – the federal government and the states need to be fully engaged and there needs to be federal support for state innovation and the development of “green” energy technology
- * State-based climate action plans and programs have paved the way for cost-effective reductions of greenhouse gases and they deserve continued support – measures taken at the state level are making a difference and there are many ways these measures can be strengthened and developed further with federal support
- * Rewarding and encouraging meaningful and mandatory federal and state climate action is key – there must be incentives for states to provide leadership on climate action. These incentives drive change and they can come from existing federal energy, transportation and agriculture programs as well as from auction revenue derived from a federal cap and trade program

<http://www.ct.gov/governorrell/cwp/view.asp?Q=413466&A=3293>

Your EcoFootprint

This Earth Day Week challenge yourself to reduce your own impact on the earth.

- * Use the Earth Day Network's Ecological Footprint Calculator to figure out your personal impact on the earth.
- * See what your personal impacts are.
- * Find out what you can do to reduce your personal impact.
- * Join the campaign! Encourage your municipality to be more sustainable.

www.myfootprint.org

Events

Growing the Next Generation of Green Ventures

The Sustainable Business Incubator at Fairleigh Dickinson University

presents:

“Growing the Next Generation of Green Ventures”

Sustainable Entrepreneurship Symposium and Expo

An NCIIA Invention to Venture Workshop

Friday, May 2, 2008, 8 a.m. - 4 p.m.

Followed by a networking reception 4 p.m. - 6 p.m. and Green Enterprise Showcase

Fairleigh Dickinson University's Silberman College of Business

College at Florham, 285 Madison Avenue, Madison, NJ

In association with the New Jersey Institute of Technology and Other Sponsors and Collaborating Institutions

Bringing together inventors, entrepreneurs, intrapreneurs, thought leaders, financiers and economic development agencies to share information and connect with each other to better prepare to launch and grow sustainable businesses. For more details, and to register: www.invention2venture.org/greenventures08/

\$20 for students, \$35 for faculty and alumni, \$45 for startups and nonprofits, \$85 for other attendees; scholarships for students and aspiring entrepreneurs please contact me.

To participate as a sponsor or exhibitor, please contact Jonathan Cloud at 908-306-9075 or jcloud@fdu.edu

Dr. Frank A. Felder, Director of Center for Energy, Economic & Environmental Policy, Rutgers Bloustein School will introduce:

* Adam J. Zellner, Policy Director for Governor Jon S. Corzine, formerly Deputy Commissioner for Policy and Legislative Affairs for the New Jersey Department of Environmental Protection (NJDEP), Executive Director of the New Jersey Highlands Council and Executive Director of the New Jersey Office of Smart Growth and

* Hon. Upendra Chivukula, (D-NJ17) Deputy Speaker of New Jersey State Assembly and Chairman of Telecommunications and Utilities Committee to speak on New Jersey's Response to Global Warming & the Green Technology Revolution

* Govi Rao, Chairman and Chief Executive Officer of Lighting Science Group Corp., and formerly Vice President and General Manager of the Philips Solid State Lighting business in North America, will address the challenge Making Money and Saving the World

Other speakers include: Leon K. Baptiste, James C. Barrood, Dr. Tom Bryant, Jonathan Cloud, Dr. Michael R. Edelstein, Dr. Michael Edmondson, Dr. Frank A. Felder, Professor Steven M. Fulda, Randy Harmon, Dr. Shihab Kuran, Dr. Faruq Marikar, Dr. Mark Mielke, Dr. William M. Moore, Matt Polsky, Mayor Fred Profeta, Govi Rao, Bill Russell, Judith Sheft, Dr. Gene Slowinski, Dr. Aron Starosta, Dr. Robert W. Taylor, Dr. Jeana Wirtenberg

Please Register at the Following Link: www.invention2venture.org/greenventures08/

Happenings

NJHEPS Spring Green Design Workshop

May 2nd, 9 am to 2 pm
Cook College Campus Center
Multipurpose Room – Rutgers University

Please Register now for this special event.
Speakers include:

Bill Bobenhausen: Sustainable Design Collaborative
Jason Kliwinski, USGBC Speakers Bureau
Bob Fanucci: Manager of Technical Systems, Rutgers University



WE LOOK FORWARD TO SEEING YOU THERE!

Please register via Acteva: <http://acteva.com/booking.cfm?bevaID=158141>

Become a NJHEPS Corporate Sponsor!

Individual Associate Partners receive these benefits:

- * Networking - meet with the leaders and decision makers
- * Advisory Committee and/or Technical Committee Participation

Business Partners receive all the above plus these benefits:

- * Free Displays and Attendance at NJHEPS workshops, offering expert speakers and peer leaders from the NJ higher education sector
- * Recognition of your sponsorship on NJHEPS website, share the ways in which you can help our members institutions reach their sustainability goals.
- * NJHEPS website has links to case studies, model projects, presentations, publications, sample documents, and other useful resources

Corporate Sustaining Partner

- * You will appear in every Newsletter as a Corporate Sustaining Partner.
- * Publications—targeted to higher education and free—to reduce costs and green campus operations throughout NJ, your name will appear on NJHEPS publications
- * Free 2-hour briefing for their senior executives on “the business case for sustainability” And Much, Much More....

Please download the form at: www.njheps.org/membershipform.pdf

Want to share progress towards sustainability on your campus? Please send news items to Terra Meierdierck (tmeierdierck@njheps.org) for inclusion in our newsletter.

NJHEPS GRATEFULLY ACKNOWLEDGES THE SUPPORT OF:

NJHEPS Corporate Sponsors; Geraldine R. Dodge Foundation; New Jersey Board of Public Utilities; New Jersey Clean Energy Program; ATT Foundation; and NJHEPS 40+ Member Institutions

NJHEPS STAFF

John L. Cusack, Executive Director
Terra Meierdierck, Program Manager
Shruti Patel, Webmaster

EXECUTIVE COMMITTEE

Reginald Luke, President
Daniel Watts, Immediate Past President
Clint Andrews, Vice-President and Treasurer
Peter Jansson, Vice-President
Lynn Stiles, Vice-President
Shana Weber, Vice-President

SENIOR ADVISOR

Donald Wheeler

New Jersey Higher Education Partnership for Sustainability
c/o NJIT - YCEES
138 Warren Street
Newark, NJ 07102
p: 973.642.4881
f: 973.642.7170
www.njheps.org