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## National Environmental Partnership Summit and the Future of Pollution Prevention

At the National Environmental Partnership Summit in Orlando last month, KPPC's Executive Director Cam Metcalf and Senior Sustainability Engineer Rebecca Cash helped conduct a workshop on Pollution Prevention (P2) Energy & Sustainability Champions. The workshop provided attendees with P2 tools and training to become more effective technical assistance providers, and also featured the National Pollution Prevention Roundtable, the Minnesota Technical Assistance Program and the Washington Department of Ecology.

Attendees expressed a great deal of interest in KPPC's success in winning federal funding for its programs. Cam explains that, "We're seeing a lot of federal sponsors looking for organizations that can provide technical assistance to large commercial establishments and manufacturing facilities. Those sponsors, like the Department of Energy, U.S. EPA and the Department of Commerce, want to provide seamless, one-stop-shopping to their clients and need local agencies like KPPC to help deliver those services." The Center has provided technical assistance for 16 years and has seen the evolution of pollution prevention toward a broader theme of environmental sustainability. KPPC's broad base of environmental sustainability services positioned the Center to win more than \$7.8 million in American Recovery and Reinvestment Act (ARRA) funding recently, and other technical assistance providers around the country would like to follow that lead.

During the Summit, Cam also moderated a breakout session highlighting Louisville's Partnership for a Green City, the Central Florida Energy Alliance and KPPC's KEEPS – Kentucky Energy Efficiency Program for Schools. The session explored how public employers can be better stewards of taxpayers' dollars and address climate change. Finally, Cam participated in a session to explain KPPC's Kentucky Save Energy Now (KY SEN) initiative, also funded by ARRA.

[The annual Summit](#) is an interdisciplinary gathering of environmental professionals and assistance providers from diverse sectors all over the country and world.

## Are You Managing Your Irrigation Systems Wisely?

The Irrigation Association has named July [Smart Irrigation Month](#) to promote efficient watering practices, technologically-advanced irrigation



6:00-7:00 p.m. ET –  
Louisville

The Role of an Energy  
Manager Webcast –  
July 1, 2:00-3:00 p.m.  
ET

Recycling and Market  
Development of Unique  
Materials Webinar – July  
15, 1:00-2:30 p.m. ET

products and water conservation among manufacturers, distributors, dealers, contractors, growers and homeowners.

During July, the Environmental Sustainability Resource Center will conduct a free webinar targeted at facilities with landscape irrigation or technical assistance providers working with facilities on landscape irrigation. Speakers will discuss precision application, water budgeting and measurement, water conservation control technologies and alternate water sources.

- Water Efficiency for Irrigation Systems – July 8, 2010 – 1:00-3:00 p.m. ET. [Register by July 2](#) or contact Jamie Ragan at [jamie.ragan@ncdenr.gov](mailto:jamie.ragan@ncdenr.gov) or 919-715-6519 with questions.

## Materials Exchange Update

The [Kentucky Industrial Materials Exchange](#) now has 125 registered companies and 32 current listings. Nearly 350 unique visitors browsed the site last month. As your company sources raw materials or manages its waste streams, consider KIME as a resource. Some materials currently listed on KIME include:



Kentucky Industrial  
Materials Exchange

- Available—carbon fiber, waste paper, copper powder, ink and toner.
- Wanted—used computers, wood waste, pallets and circuit boards for recycling.

## Newsbits

- **Kentucky Housing Corporation Awarded Nearly \$1 Million for Weatherization Training**

With \$29 million in Recovery Act awards, [the U.S. Department of Energy will fund 34 projects in 27 states to](#)



[develop and expand weatherization training centers across the country.](#) Through this award, the Kentucky Housing Corporation in Frankfort will receive \$995,756 to implement a \$1.2 million cost-shared project, which will increase access to weatherization training throughout Kentucky. The project will expand the delivery system of the state's network of technical schools and community colleges. Existing locations for training will receive needed equipment, and new locations will be equipped and staffed. Certification will be offered to those completing the network's training course.

- **Recycled Plastic Resins Manufacturing Facility Coming to Frankfort**  
[From Business Wire](#) - MVR, a manufacturer of high performance

sustainable plastic resins, today announced the site of its new 90 million pound per year manufacturing facility in Frankfort, KY. MVR will transform the 220,000 square foot facility, previously home to an auto parts manufacturer, into a model for the manufacturing of several different grades of its post-consumer recycled plastic resins. The Frankfort facility will be outfitted with cutting-edge sorting, cleansing and pelletizing equipment, enhancing the efficiency of MVR's proprietary recycling and manufacturing process. The company will employ 360 local residents at the facility which will be online later this year.

In addition to the 360 new jobs MVR will create in the Frankfort community, there will be an environmental benefit as well. Each 50 million pounds of recycled plastic resin manufactured by MVR saves the equivalent of 275,000 barrels of oil in carbon dioxide emissions, as compared to virgin plastic resin. The facility will also clean and recycle any water used during the manufacturing process, further reducing the environmental impact of the resin product.

- **Factsheets Available to Help Purchasers**

The Responsible Purchasing Network has produced two factsheets to help purchasers earn credits through responsible procurement decisions. The [LEED \(Leadership in Energy and Environmental Design\) factsheet](#)

highlights how to earn credits in eight different LEED standards including new construction, existing buildings, commercial interiors, schools and retail. The [STARS \(Sustainability Tracking, Assessment & Rating System\) factsheet](#) shows how purchasers for colleges and universities can earn credits in the AASHE (Association for the Advancement of Sustainability in Higher Education) program.



- **Survey of Global Executives Explores the Business Response to Climate Change**

Earlier this year, Ernst & Young commissioned an independent research organization to survey 300 global executives across 16

countries and 18 industries. Respondents spoke candidly about their strategies and priorities, as well as the implementation challenges within their complex organizations, many of which are multinationals with multiple business units. The survey showed that many executives have already begun the process of transforming their organizations in response to multiple market drivers. They have set aside regulatory uncertainty, and instead have taken their cues from the market.



The survey report, [Action Amid Uncertainty](#), summarizes that

executives are acting on climate change initiatives because their customers expect it and because they believe they can make money, save money and manage risk.

## **Green Tip of the Month**

### **Extend the Operating Life of Your Motor**

[\*From Industrial Technologies Program Motor Systems Tip Sheet #3\*](#) - Certain components of motors degrade with time and operating stress. Electrical insulation weakens over time with exposure to voltage unbalance, over and under-voltage disturbances and temperature. Contact between moving surfaces causes wear. Wear is affected by dirt, moisture and corrosive fumes and is greatly accelerated when lubricant is misapplied, becomes overheated or contaminated, or is not replaced at regular intervals. When any components are degraded beyond the point of economical repair, the motor's economic life is ended. To extend your motor's operating life:

- Evaluate and select a motor repair service center. Ask for causes of failure and confirm proper repair. A competent motor service center can often pinpoint failure modes and indicate optional features or rebuild methods to strengthen new and rewind motors against critical stresses.
- Follow motor manufacturers' recommendations and user guides to protect out-of-service motors from humidity, vibration and corrosion exposure.
- Establish and follow a good predictive and preventive maintenance program.

### **Mark your Calendar for these Upcoming Conferences and Events**

#### **Sustainability, Systems Thinking and Zero Emissions – June 24, 6:00-7:00 p.m. ET – Louisville**

The public is invited to this free event at the University of Louisville to hear international speaker Brandon Pitcher discuss an entrepreneurial and educational strategy for a sustainable future.

- Explore the new business models of sustainability by looking at local, national and international real-life examples.
- Learn about the five kingdoms of nature, and see how we can integrate society and nature.
- Discuss zero emissions and sustainability as strategies for rapid job creation and financial recovery.

The program, hosted by the University of Louisville and the Partnership for a Green City, will be held in Ekstrom Library, Chao Auditorium, 2301 South Third Street. Contact James Sidell at [jamessidell@gmail.com](mailto:jamessidell@gmail.com) or 765-265-8661 with questions.

#### **The Role of an Energy Manager Webcast – July 1, 2:00-3:00 p.m. ET**

**Industrial Technologies Program**

Sponsored by the U.S. Department of Energy's Industrial Technologies Program, this webcast will feature Richard Miller—Energy Manager at Mannington Mills, Inc.—and Don Sturtevant—Corporate Energy Manager at JR Simplot Company.

The presentation will provide information on topics that are crucial to energy management in industrial facilities, including:

- Energy benchmarking
- Goal setting
- Monitoring and verification of energy flows
- Repairs and corrections
- Training and communication
- Scouting for new technologies and best practices
- Identifying and calculating greenhouse gas emissions.

[Register now.](#)

### **Recycling and Market Development of Unique Materials Webinar – July 15, 1:00-2:30 p.m. ET**

Learn about key issues, successful projects and a variety of best management practices for creating stellar waste management programs. Hear from experts around the country on what works and what doesn't, and how to make your program more successful. [This free event](#) is part of U.S. EPA's Resource Conservation Challenge (RCC) series of webinars.



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*KPPC is Kentucky's primary resource to help businesses, industries and other organizations develop environmentally sustainable, cost-saving solutions for improved efficiency. Based at the University of Louisville J.B. Speed School of Engineering, KPPC provides technical information and assistance that is free, confidential and non-regulatory.*

