KPPC’s Innovative Energy Management Workshop

On September 26, 2013, KPPC held a Save Energy Now workshop based on the framework of the ENERGY STAR 7-Step Guidelines for Energy Management. The workshop was part of the 16th Annual Pollution Prevention Conference and Trade Show in Plainfield, Indiana, which was co-hosted by the National Pollution Prevention Roundtable and the Indiana Partners for Pollution Prevention.

A total of 98 people attended the KPPC workshop and 53 participated in an innovative, hands-on session that provided actual metrics and baseline data that were pre-loaded on portable drives and laptop computers by KPPC’s technical team. Participants worked in teams of 7 or 8 to complete the exercises and gained “real-world” experience using the energy management tools and data to identify energy goals, energy consumption and operating costs of a typical commercial operation.

The workshop teams were fully engaged in the hands on training exercises and took away new tools and a good understanding of how to plan and implement a successful energy management program.

Republic Conduit Wins Governor’s Energy Leadership Award

Republic Conduit, a Louisville-based manufacturing facility and long-time KPPC client, won a 2013 Kentucky Governor’s Conference Energy Leadership Award. The award was presented to the company at the Governor’s annual conference on energy and the environment in Lexington. Republic Conduit manufactures and distributes electrical conduit. Republic made waste and energy reduction projects a priority, and demonstrated its environmental leadership with more than 60 percent of the corporate capital budget dedicated to environmental projects.

In 2011, the company was recognized with KPPC’s Environmental Sustainability Award. Republic Conduit’s Energy reduction projects included:
• improving the wastewater treatment system
• recycling
• installing mechanical upgrades and controls; and implementing shut down procedures.

These changes contributed to nearly a 10 percent reduction in annual electric usage, even with higher production volumes. Republic Conduit has also partnered with the U.S. Department of Energy’s “Better Buildings, Better Plants” national program and KPPC’s Kentucky Save Energy Now initiative.

As testimony to its success, Republic Conduit served as a training facility for the federal energy department’s Advanced Manufacturing Office and the U. S. Council for Energy-Efficient Manufacturing, and presented its energy management strategies at the 2013 Kentucky Association of Manufacturers Energy Conference.
KPPC Wins 2013 MVP2 Award

KPPC has won a 2013 Most Valuable Pollution Prevention (MVP2) award presented by the National Pollution Prevention Roundtable (NPPR). KPPC’s Assistant Director, Lissa McCracken received the award in a ceremony held in Washington DC on September 26. Kentucky Congressman John Yarmuth was on hand to congratulate KPPC for their award winning efforts.

KPPC won the award for completing several successful programs, including the Kentucky Energy Efficiency Program for Schools (KEEPS), the Kentucky Save Energy Now program (KYSEN), and the Kentucky Industrial and Commercial Sustainability Program – (KICSP)

The 2013 MVP2 awards celebrate the successes of innovators in the areas of pollution prevention and sustainability. The awards are presented annually during National Pollution Prevention (P2) Week. Since P2 Week became a national event in 1995, NPPR has been advancing pollution prevention awareness by encouraging and promoting widespread participation during this week.

Denyo Manufacturing Wins 2013 MVP2 Award

Denyo Manufacturing Corporation, located in Danville, Kentucky, was presented a 2013 Most Valuable Pollution Prevention Award (MVP2) in Washington DC on September 26 from the National Pollution Prevention Roundtable.

Since 2005, Denyo has continually undertaken extensive data collection to measure all aspects of its production processes to find opportunities for improving environmental performance. Denyo has used the process data to put in place well-developed pollution prevention and energy efficiency programs that span the social, environmental and economic aspects of sustainability.

In consultation with the KPPC, the company’s award-winning efforts have resulted in improved recycling of scrap metal, cardboard, paper, plastics and wood, reduced water and natural gas consumption, improved wastewater treatment operations, better management of process chemicals, lowered air emissions and significant cost savings. Watch the 'KPPC at Denyo Manufacturing Corporation in Danville, Kentucky' video.

Photo: (from left to right) Jeffrey Burke, Executive Director of NPPR, Lissa McCracken, Assistant Director of KPPC, Congressman John Yarmuth, Billy Sands, Joey Harris (Plant Manager) and Brian Baker from Denyo Manufacturing.

KPPC's Executive Director Cam Metcalf Retiring on October 25

Cam Metcalf, KPPC’s founding Executive Director, will be retiring in October, 2013. Cam’s expertise, innovative vision and engaging leadership style have enabled the Center to gain a national reputation and become an award-winning champion of pollution prevention and environmental sustainability.

With a career spanning nearly 40 years, Cam Metcalf is well known as a pioneer and a national leader in advancing pollution prevention and energy efficiency. He became the Executive Director of KPPC in 1995 and led the Center as it grew into a nationally, and internationally, known “Center of Excellence”. The University of Louisville’s J.B. Speed School of Engineering will honor Cam at a retirement celebration on October 25 at the Speed School’s Duthie Center for Engineering.
KPPC's Assistant Director, Ms. Lissa McCracken, has been appointed Acting Director of KPPC by Speed School Dean Neville Pinto.

All of us at KPPC would like to thank Cam for his leadership – we wish him and his wife Marianna the very best.

**Newsbits**

- **KPPC's Richard Meisenhelder Accepts New Position**
  Richard Meisenhelder, Technical Program Manager at KPPC, has accepted a new position. Richard’s last day at KPPC was October 4, 2013. When he returned to KPPC in February, 2008 as a program manager, he was instrumental in launching many of the Center’s most successful programs and initiatives. KPPC would like to thank Richard for his dedication and the technical expertise he brought to the Center, and wish him every success as he embarks on a new career direction.

- **See What’s New at ESRC**
  The Environmental Sustainability Resource Center (ESRC) is a member of the Pollution Prevention Resource Exchange (P2Rx™), a national network of regional information centers. The objective of the ESRC is to provide technical environmental sustainability information and training to industrial service providers in EPA Regions 3 & 4.

  The primary service area for the ESRC is EPA Region 3 & 4. Region 3 includes Virginia, West Virginia, Pennsylvania, D.C., Delaware and Maryland. Region 4 includes Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina and Tennessee. ESRC resources and staff are available to users in industry, consulting and universities.

  Please visit the [ESRC website](#) or call toll free (855) 531-3772 for more information.

- **University of Kentucky Receives $3.5 Million U.S. DOE Grant**
  The University of Kentucky’s Center for Applied Energy Research has received a $3.5 million grant to help develop technology that would capture carbon dioxide from coal-fired power plants before it enters the atmosphere.

  The grant from the U.S. Department of Energy comes at a crucial time, just two weeks after the U.S. Environmental Protection Agency announced new proposed regulations to sharply reduce carbon emissions from new power plants. [Read the article in Kentucky.com](#).

- **Read the Latest P2 Pathways Article in GreenBiz**
  Each month a contributing member of the Pollution Prevention Resource Exchange (P2Rx™) has an article about P2 sustainability initiatives published in GreenBiz. P2Rx™ is a national partnership of regional pollution prevention information centers funded in part through grants from EPA. They build networks, deliver P2 information, and measure P2 program results.

  The strength of the network lies in the expertise and diversity among the regional centers and the variety of audiences served including government and state environmental agencies, technical assistance providers, businesses, educators, nonprofit organizations, and the general public.

  Read the latest article "How to Make Sustainability Stick" and past issues on the [GreenBiz website](#).
Upcoming Training, Events and Conferences

- **ENERGY STAR Service and Product Provider Webinar**
  This webinar, which will be held on Oct 30, 2013 from 01:00 pm to 02:30 pm, will provide an update on the current activities of the ENERGY STAR Commercial & Industrial Buildings Service and Product Provider program. Topics will include where the SPP program is heading now that the upgrade to Portfolio Manager is released. The Web Conference will focus on particular market sectors and activities happening in the coming year.
  - Learn which market sectors ENERGY STAR will be focusing on in 2014
  - Learn about the national trend towards energy disclosure legislation and the role of Portfolio Manager in meeting disclosure mandates
  - Learn about using the improved Target Finder tool for designing energy efficient buildings
  - Hear from public sector organizations about their best practices and lessons learned in energy management
  - Learn about successful frameworks for benchmarking and public disclosure of energy performance.
  Registration and webinar details at KPPC’s website.

- **Lean 101 Workshop**
  The Lean 101 Workshop will be held on November 5, 2013 from 8:00 am to 2:30 pm in Richmond, Kentucky. In Lean 101, a simulated backroom company gets all participants engaged in transforming a manufacturer from a revolving door of despair to a flourishing Lean Machine!
  The workshop will cover:
  - Introduction to Simulation
  - Round 1 of Simulation - Introduction to Lean Manufacturing; Standardized Work, 5S System, Visual Controls, Plant Layout; Teams, Batch Reduction, POUS, and Quality at the Source
  - Round 2 of Simulation - Pull/Kanban and Cellular Flow
  - Round 3 of Simulation - Implementation
  Learn more and register for the workshop.

- **Value Stream Mapping Workshop - "See the Flow"**
  This workshop will be held on November 6, 2013 in Richmond, Kentucky. Learn to use a Value Stream Mapping (VSM) tool and “see the flow” of a parts manufacturer both before and after. The workshop will demonstrate how to draw a Current State and Future State Map with support from a veteran of over 90 mapping kaizens.
  Learn more and register for the VSM workshop.

- **National Pollution Prevention Roundtable Webinar - P2 Interns**
  On November 14, 2013 from 12:00 to 1:00 pm EST, NPPR will host a webinar titled "P2 Intern Programs Deliver Environmental and Cost Savings". A dozen or more states within NPPR’s membership host P2 summer intern programs. These non-regulatory programs are designed to link top-level engineering and environmental sciences students with business and industry. The “win-win” opportunities give students real-world experience, resulting in reduced energy use, emissions and wastes, which in turn benefit a company’s bottom line as well as the state’s environment.

  NPPR hosts a discussion group that helps support these P2 intern programs. The NPPR November webinar will feature an overview of the topics and lessons this discussion group has covered. It will also feature one of the premier P2 intern programs—the Iowa DNR Pollution Prevention Services Intern Program.
  Learn more and register for the NPPR webinar.