



In this issue...

Manage Your Compressed Air Systems and Save Money

Kentucky Energized by Conference Series

\$75 Million of Federal Stimulus Funds Come to Kentucky for Water Projects and UST Cleanup

Kentucky Companies Honored for Energy Efficiency

Mark Your Calendar

Earth Day 2009 – April 22

Bluegrass Regional Solid Waste & Recycling Summit – April 23, 9 a.m. to 3 p.m. – Lexington

DECON '09 – April 28-30 Chicago, IL

Green Stormwater Management Workshop May 12, 8:30 a.m. to 4:30 p.m. – Frankfort

Returns on Recycling Investment (Jobs, Revenue) Webinar – May 21, 1:00 to 2:30 p.m. EDT

2009 Small Business Ombudsman/Environmental Assistance Program (SBO/SBEAP) National Conference – June 15 –

Manage Your Compressed Air Systems and Save Money

The high cost of running compressed air systems is often underestimated and overlooked by industry. According to the U.S. Department of Energy, "Compressed air systems account for 10 percent of all electricity and roughly 16 percent of U.S. industrial motor system energy use. Seventy percent of all manufacturing facilities in the United States use compressed air to drive a variety of equipment."

Maintaining and operating these systems efficiently can help facilities realize significant cost savings. A few standard recommendations for improved efficiency include:

- Proactively search for and repair leaks
- Recover waste heat from air compressors
- Reduce line pressure to the minimum required
- Use blowers/fans instead of compressed air for cooling, drying, or blow-off operations
- Use outside air for compressor intake



More [detailed tip sheets with technical advice for improving compressed air systems](#) are available from the U.S. Department of Energy's Industrial Technologies Program.

To see how compressed air efficiency saved one food processing facility hundreds of thousands of dollars in energy costs, see this month's edition of [Compressed Air Best Practices](#).

Kentucky Energized by Conference Series

The third and final conference in the [Energizing Kentucky](#) series, held April 15-16 in Lexington, drew more than 400 education, business and government leaders. Nationally and internationally renowned speakers discussed energy, environmental and economic issues with attendees. The emphasis was on K-12 and postsecondary energy education, and breakout sessions focused on training and developing the next generation of science, technology, engineering and math professionals that will be needed to work with emerging energy and green technologies.

Louisville

Indiana Recycling
Coalition's 20th Annual
Conference & Exhibition –
June 2-4 – Bloomington, IN

Save the Date – 33rd
Governor's Conference on
the Environment –
September 30-October 1,
Lexington

Dozens of elementary through Ph.D. students from around Kentucky spoke with conference participants during a lunchtime poster session. Hannah McClure Elementary students from Clark County showed off their efforts as part of Go Green Kentucky, and high school students from the Russell Technology Center in Russell County presented their renewable energy projects.



University of Louisville student Kyle Dunaway said that he enjoyed how the poster session helped bring together different ideas from around the state so that he could learn what others are doing. Dunaway's poster presentation highlighted his project: Enzyme Free Hydrolysis of Kentucky Agricultural Residues for Conversion to Ethanol.

The Energizing Kentucky conference series was developed cooperatively by the presidents of the University of Louisville, the University of Kentucky, Centre College and Berea College.

\$75 Million of Federal Stimulus Funds Come to Kentucky for Water Projects and UST Cleanup

The U.S. EPA has awarded [more than \\$70 million to the Kentucky Infrastructure Authority](#) as part of the federal stimulus funding package. Awards announced so far include \$49.9 million for wastewater infrastructure projects and \$20.5 million for water infrastructure projects. The funding, resulting from the American Reinvestment and Recovery Act of 2009, is intended to create jobs, boost local economies, improve aging water infrastructure and protect human health and the environment for the people of Kentucky.

In addition, U.S. EPA has awarded [more than \\$4 million to Kentucky](#) from the Leaking Underground Storage Tank (LUST) Trust Fund for activities at shovel-ready sites to assess and cleanup underground storage tank petroleum leaks.

Kentucky Companies Honored for Energy Efficiency

At an [ENERGY STAR awards](#) ceremony on March 31, the U.S. EPA and the U.S. DOE honored businesses and organizations for their contributions to reducing greenhouse gas emissions through energy efficiency. Among the 89 schools, hospitals, real estate companies, industry and home construction companies recognized were two Kentucky winners: GE Consumer & Industrial of Louisville and Toyota Motor Engineering & Manufacturing North America, Inc. of Erlanger. Each company received an award for sustained excellence for their long-term commitment to protecting the environment through energy efficiency.

Mark your Calendar for these Upcoming Conferences and Events

Earth Day 2009 – April 22



This Earth Day, commit to improving environmental performance and efficiency at your business or organization. [Suggested actions](#) for your business and for individuals and groups are listed at the KPPC Web site.

Bluegrass Regional Solid Waste & Recycling Summit – April 23, 9 a.m. to 3 p.m. – Lexington

Hosted by the Bluegrass Area Development District, the Summit will be filled with opportunities to share a common vision for solid waste and recycling for the Bluegrass Region. Network and engage with the region's local elected officials, solid waste coordinators, landfill operators, area consultants, engineers, contractors, industry, school superintendents, interest groups and other stakeholders. Also hear a presentation on KPPC's free, confidential and non-regulatory services. Contact David Duttlinger at dduttlinger@bgadd.org for more information.

DECON '09 – April 28-30 – Chicago, IL

Hosted by the Building Materials Reuse Association, the [2009 International Conference on Deconstruction, Building Materials Reuse, and Construction and Demolition Materials Recycling](#), will be held on the Campus of the University of Illinois-Chicago. Participants will learn about building deconstruction, materials reuse and recycling. They will share their experiences and lessons learned and learn to integrate this knowledge into mainstream planning, design, construction and facility management practices.



Green Stormwater Management Workshop – May 12, 8:30 a.m. to 4:30 p.m. – Frankfort

Learn about stormwater best management practices and hear actual case studies that will give participants knowledge to take back and apply to home or office. Registration is \$50 for non-KY EXCEL members and \$25 for KY EXCEL members. [Register for the workshop](#) or contact the Kentucky Division of Compliance Assistance with questions at envhelp@ky.gov or 800-926-8111. This is the first workshop in a series targeting environmental leadership and sponsored by KY EXCEL, which is Kentucky's first voluntary environmental leadership program.

Returns on Recycling Investment (Jobs, Revenue) Webinar – May 21, 1:00 to 2:30 p.m. EDT

Mark your calendar for the [U.S. EPA's May Resource Conservation Challenge \(RCC\) Web Academy session](#).

2009 Small Business Ombudsman/Environmental Assistance Program (SBO/SBEAP) National Conference – June 1-5 – Louisville

The conference is designed specifically for state SBOs/SBEAPs, other small business environmental assistance providers, U.S. EPA and small businesses. Assistance providers will have the opportunity to network with peers from around the country and share their experiences in helping small businesses with environmental compliance, energy and pollution prevention issues.

Highlights include:

- Tour of The Green Building Gallery
- Dedicated time for Regional and Subcommittee meetings
- Sustainable Small Business, Program Development and Technical Assistance Tracks
- Partnership Opportunity Working Session
- EPA Regulatory Updates
- Pre-Conference Training
- Newcomer Orientation

A discounted registration fee of \$160 is good through May 1 (after May 1, the full fee is \$200). One day registration for Tuesday is only \$75. [Conference information](#) and a [detailed agenda](#) are available online. For questions regarding the 2009 SBO/SBEAP Conference, please contact Kenya Stump of the Kentucky Division of Compliance Assistance at envhelp@ky.gov.

Indiana Recycling Coalition's 20th Annual Conference & Exhibition – June 2-4 – Bloomington, IN

Indiana's [premier waste reduction and recycling event](#), featuring educational sessions and exhibitors from around the country involved in all aspects of waste reduction, reuse, recycling and composting. Attendees include administrators, program directors, purchasing agents, sales representatives and educators from a wide variety of organizations.



Save the Date – 33rd Governor's Conference on the Environment – September 30-October 1, Lexington

This year's conference focuses on Kentucky's energy challenges and opportunities, and how we can meet our future energy needs in an environmentally sound manner. For more information, please contact Natalie Jensen at 502-564-7192 or at natalieE.jensen@ky.gov.