



### **What is the Kentucky Pollution Prevention Center (KPPC)?**

The Kentucky Pollution Prevention Center (KPPC) at the University of Louisville is Kentucky's primary resource for technical information and assistance to improve environmental performance. The Center facilitates and promotes the proactive implementation of management systems and technologies to improve the competitiveness of businesses, industries and other organizations.

#### **KPPC's Technical Services**

KPPC's *FREE, CONFIDENTIAL* and *NONREGULATORY* on-site pollution prevention (P2) and energy efficiency (E2) assessments assist clients with problem waste streams. Through its applied research in P2/E2, KPPC shows businesses, industries, schools, municipalities and other organizations how to save thousands of dollars by reducing their waste at the source.

#### **KPPC's Outreach**

KPPC offers P2/E2 training through workshops and seminars throughout Kentucky. Online resources include KPPC's consultants list, industrial materials exchange, recyclers list and videos, to name a few. KPPC also provides many of its programs and services through partnerships with other organizations.

Phone: (502) 852-0965

Web: [WWW.KPPC.ORG](http://WWW.KPPC.ORG)

### **What is the Kentucky Rural Energy Consortium (KREC)?**

#### **KREC Vision**

The Kentucky Rural Energy Consortium (KREC) supports, coordinates, promotes and advances research, development and deployment of renewable energy and energy efficiency technologies, practices and outreach activities of importance to Kentucky agriculture, rural communities and related industries. KREC also works to build public and private partnerships that support Kentucky's communities through the wise use of energy.

#### **KREC Mission**

The Kentucky Rural Energy Consortium (KREC) sponsors research and development in renewable energy resources and bio-based products as well as energy efficient technologies and practices. KREC also develops educational and demonstration programs to encourage implementation and facilitates energy efficiency and renewable energy efforts throughout the state.

## **KREC Background**

The Kentucky Rural Energy Consortium (KREC) is designed to conduct and facilitate research and educate the public about problems and issues that relate to efficient energy use, renewable energy production and other activities of importance to Kentucky.

U.S. Senators Mitch McConnell and Jim Bunning secured KREC's \$2 million in funding through a federal appropriation to the University of Louisville (U of L) that established and organized KREC in collaboration with the University of Kentucky (UK) and the Governor's Office of Energy Policy (GOEP). The Kentucky Pollution Prevention Center (KPPC) at U of L's J.B. Speed School of Engineering serves as KREC's clearinghouse and provides support for ongoing activities of the consortium members and state and federal programs that support KREC's goals.

KREC pursued its research objectives by conducting a competitive grant program with Kentucky's public universities to develop resource-responsible technologies and practices significant to the energy sector. The research goals for the consortium include dramatically reducing the U.S. dependency on foreign oil and creating an economically viable bioenergy industry in the Commonwealth. KREC received 14 proposals for funding and awarded \$1.148 million for projects.

GOEP provided an additional \$295,000 in state matching dollars from a fund established in legislation passed by the Kentucky General Assembly and signed into law by Governor Ernie Fletcher. Together, these federal and state funds support seven research projects that will be conducted by faculty from U of L and UK.

KREC complements the [Commonwealth of Kentucky's Comprehensive Energy Strategy](#) by leveraging state and federal funds to promote energy efficiency and renewable energy research and development by Kentucky's colleges and universities that will benefit Kentucky's citizens, communities and industries.

## **KREC and Kentucky's 25x'25 Action Plan**

### **Background**

The Kentucky Rural Energy Consortium (KREC) has taken the lead to develop a plan that will help Kentucky use renewable energy and energy efficiency to secure an economically and environmentally sustainable energy future.

The [25x'25 Action Plan: Charting America's Future](#) is a renewable energy initiative backed by businesses, organizations and individuals united by a common interest in making America's energy future more secure, affordable and environmentally sustainable. Kentucky Governor Ernie Fletcher is among the 23 current and former U.S. governors to support the 25x'25 Action Plan.

25x'25 is a rallying cry for Kentucky to use renewable energy and energy

efficiency as a means to get at least 25 percent of our energy from improved technology and renewable resources, such as solar, biomass and biofuels, by the year 2025.

The goals of the 25x'25 Action Plan are to:

- Increase production of renewable energy.
- Deliver renewable energy to markets.
- Expand renewable energy markets.
- Improve energy efficiency and productivity.
- Strengthen conservation of natural resources and the environment.

Through KREC's 25x'25 efforts, partners will work together to advance renewable energy solutions for Kentucky's farms, ranches and other working lands. 25x'25 is supported by the [Kentucky Governor's Office of Energy Policy \(GOEP\)](#), the [Kentucky Governor's Office of Agricultural Policy \(GOAP\)](#) as well as leaders from the agricultural, forestry and renewable energy communities.

### **KENTUCKY 25X'25 ROADMAP**

The goals of the 25x'25 Action Plan are consistent with KREC's efforts to identify and develop plans that will support, coordinate, promote and advance research, development and deployment of renewable energy and energy efficiency technologies, practices and outreach activities of importance to Kentucky agriculture, rural communities and related industries.

### **Web sites:**

Kentucky Pollution Prevention Center: [WWW.KPPC.ORG](http://WWW.KPPC.ORG)  
Kentucky Rural Energy Consortium: [WWW.KPPC.ORG/KREC](http://WWW.KPPC.ORG/KREC)  
KREC and 25x'25: [WWW.KPPC.ORG/KREC/KREC25X25](http://WWW.KPPC.ORG/KREC/KREC25X25)  
KY Governor's Office of Energy Policy: [WWW.ENEREGY.KY.GOV](http://WWW.ENEREGY.KY.GOV)

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