

EXCEL-ing Together!



2015 KY EXCEL Member Accomplishments

Welcome to the 2015 KY EXCEL Year in Review! Thanks to your continued efforts and support for the program, KY EXCEL continues to show tremendous results in protecting and enhancing Kentucky's unique environment.

The year 2015 was a busy one for KY EXCEL. KY EXCEL participated in the division's EcoArt program, oversaw the Department for Environmental Protection's (DEP) Environmental Excellence Awards, participated in the yearly Sustainable Spirits Summit and conducted the annual KY EXCEL Members' Meeting. We hope 2016 will be just as successful!

Welcome new members!

During 2015, staff reviewed and approved 10 applications for membership and one application to upgrade from the Partner level to the Leader level. A list of new members appears below.

- Larry Taylor Household
- U.S. Geological Survey, Kentucky Water Science Center
- Susan Mallette
- GleanKY
- Kentucky Beef Network
- C.R. and Karen's Household
- Goodmann Household
- City of Hurstbourne Acres
- CDP Engineers Inc.
- The Midtown Building
- Asahi Bluegrass Forge (upgraded from Partner to Leader)



EcoART



KY EXCEL staff participated in judging the entries submitted for the division's annual EcoART Contest, which is open to all Kentucky high school students. In 2015, 13 winners were chosen. Artwork categories are conservation, pollution prevention and environmental protection. Pictures of the winning artwork can be seen at <http://s1113.photobucket.com/user/KyDCA/library/2015%20Eco-Art%20Contest%20Winners?sort=3&page=1>.

DEP Environmental Excellence Awards

In 2015, staff were responsible for overseeing the DEP Environmental Excellence Awards program. We revised the nomination forms, launched the nomination period, received and prepared the entries for judging. Once the judging was completed, we ordered the awards and notified the winners, which are named at <http://dca.ky.gov/complianceassistance/Pages/EnvironmentalExcellenceAwards.aspx>. Below are pictures of KY EXCEL members who won awards. Central Motor Wheel of America, CMWA, the KY EXCEL Champion award winner, set a goal to have zero-waste-to-landfill by Jan. 1, 2017, but accomplished this goal in Aug. 2014. GleanKY, an Environmental Pacesetter award winner, collects produce from farms, orchards, farmers' markets, grocery stores and personal gardens and donates it to more than 50 feeding programs in Central Kentucky. This not only feeds the hungry, but it keeps methane-producing food out of landfills.



KY EXCEL Champion: Central Motor Wheel of America



Environmental Pacesetter Award: GleanKY

KY EXCEL Farm

Kentucky has a very diverse agriculture history that includes the raising of chickens, soybeans, tobacco, corn and cattle, to name a few. As a way to assist these farming operations improve their sustainability efforts, the KY EXCEL Farm membership was launched in 2015. KY EXCEL Farm is open to entities that own at least five acres, grow crops and/or raise livestock. For more information about joining KY EXCEL Farm, please visit our website at <http://dca.ky.gov/kyexcel/Pages/HowToJoin.aspx>.



Sustainable Spirits Summit

In July 2015, the annual Sustainable Spirits Summit was held at Wild Turkey Distillery in Lawrenceburg. Attendees learned ways to encourage employee participation in green programs, received information about renewable energy, combined heat and power and overcoming recycling obstacles at distilleries. Participants at the event represented Heaven Hill Brands, Maker's Mark, Wild Turkey, Brown Forman and Michter's Distillery. After a tour of the distillery, participants received copies of the Sustainable Spirits booklet to display at their own facility's visitor center. The booklet can be seen at <http://dca.ky.gov/DCA%20Resource%20Document%20Library/SustainableSpirits-MJRev%208.2015.pdf>.



Wild Turkey, site of the 2015 Sustainable Spirits Summit

KY EXCEL Members' Meeting

For the first time, the KY EXCEL Members' Meeting was held off-site from the Governor's Conference on Energy and Environment. Master Member Fort Knox agreed to host our meeting. Members were updated on the current state of KY EXCEL. Fort Knox delivered presentations on their energy initiatives, a pilot composting project at a base mess hall and a bat habitat project. After the presentations, members were treated to a bus tour of the Nolin RECC Control Center, a geothermal pond, a 2.1 MW solar array and a natural gas generating station. The event was such a success that the 2016 Members' Meeting will be held at the facility of Master Member North American Stainless in Ghent, Kentucky.



An engineered material Fort Knox uses to create bat habitat on the base.



2.1 MW solar array at Fort Knox



Geothermal pond located at Fort Knox

KY EXCEL Case Studies

One initiative KY EXCEL has used to promote our members is case studies. Case studies are written to highlight projects our members complete that are novel and could easily be instituted at other member facilities. During 2015, we completed five case studies. They were written on American Cave Conservation Association, KY NEED Project, Catlettsburg Refining, KCTCS System Office, and Locust Trace AgriScience Center. The case studies may be viewed at <http://dca.ky.gov/Pages/ResourceDocuments.aspx>. Once the page opens, scroll down to DCA Case Studies and click the plus sign beside Program : KY EXCEL. Would you like to be featured in a case study? If so, please contact us at envhelp@ky.gov!

2015 KY EXCEL Member Project Results

The backbone of KY EXCEL is the environmentally beneficial projects our members conduct as a part of their membership. The results from your reports help justify the continued support for KY EXCEL. Thanks to your efforts, amazing results have been achieved this past year. Below are just some of our members' accomplishments this year!



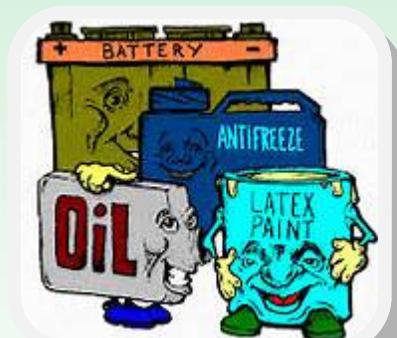
Planted 14,050 trees, enough to remove 337 tons of carbon a year



Planted 15 acres of native grasses



Recycled 11,000 pounds of hazardous waste



Recycled 5,034 pounds of batteries

Recycled 67 gallons of oil

Saved \$3.1 million through their projects!



2015 KY EXCEL Member Project Results



Recycled 1,402 pounds of plastic, saving 68.7 million BTUs of energy

Recycled 903 pounds of aluminum, saving enough electricity to run a TV for 8.6 years



Recycled 12,232 pounds of e-waste



Prevented

- 1,910 tons of carbon dioxide
- 5,016 tons of carbon monoxide
- 29 tons of sulphur dioxide
- 13 tons of nitrogen oxide



Conserved enough electricity to power 394 homes for a year

Saved enough natural gas to heat 48,000 homes



Recycled enough water to fill 23 Olympic-sized swimming pools!