

2012 MVP2 Award Recipients



Volunteers of the Year

Cathy Colglazier, *Kansas Department of Health and Environment*

Cathy Colglazier has served as the NPPR Board's secretary for four years and Board Liaison to P2 Intern Workgroup. She also served as Public Advocate with the Kansas Department of Health and Environment and Pollution Prevention and Small Business Environmental Assistance Program manager. As a manager, Cathy ensured continued funding and success of the Pollution Prevention and Small Business Environmental Assistance Programs.



P2 Volunteer
Cathy Colglazier

P2 Champions

Paul Anastas, Director, *Center for Green Chemistry and Green Engineering at the Teresa and H. John Heinz III at Yale University*

Dr. Paul Anastas served as the Assistant Administrator for EPA's Office of Research Development and the Science Advisor to the Agency. He was the founding Director of the Green Chemistry Institute, which is headquartered at the American Chemical Society. Served as the Director of the Center for Green Chemistry and Green Engineering at Yale University, and currently serves as the Teresa and H. John Heinz III Professor in the Practice of Chemistry for the Environment. His groundbreaking research and publications focused on the design, manufacture and use of minimally toxic, environmentally friendly chemicals has led to his widely known title as the "Father of Green Chemistry".



P2 Champion
Paul Anastas

Allen White, *Vice President and Senior Fellow, Tellus Institute*

Dr. Allen White is the Vice President and Senior Fellow of the Tellus Institute where he directs the institute's Program on Corporate Redesign. He co-founded and served as the acting CEO of the Global Reporting Initiative until 2002, whose mission is to make sustainability reporting standard practice for all organizations. He also co-founded and now directs Corporation 2020, an initiative to move social purpose to the core of corporate design. Because of his expertise in sustainability strategy, policy, tools and standards, he has worked with the World Bank, Inter-American Development bank, the Pew Charitable Trusts, the UN Foundation, numerous Fortune 500 companies, the US EPA and many NGOs. Serves as Senior Advisor to Business for Social Responsibility and to CERES as an architect of the standardized environmental reporting framework. He is the Chair of the Board of Directors of GAN-NET, a non-profit dedicated to the progression of health, education, environment, trade and transparency efforts. Co-author of *Corporate Environmentalism in a Global Economy*.



P2 Champion
Allen White

Projects/Programs

Earth Friendly Products - *Pollution Prevention Project*

- Earthy Friendly Products' program focuses on a cradle-to-cradle approach and conducts a Life Cycle Analysis on all of their products. They evaluate energy efficiency, packaging, weight, recycling, disposal and lifetime reliability of their products.
- All of their products are made from all natural, locally sourced, biodegradable resources.
- Through their Pollution Prevention Program, they have achieved a 95% reduction of their waste, resulting in \$80,000 of savings per year.
- From 2011 to 2012, the company acquired 100% of its energy from renewable sources, 60% of which came from on site solar panels.



Earth Friendly Products
Jenna Arkin

IBM Vermont - *Centennial Energy Outreach Project, Celebrating 100 Years of Technology Excellence*

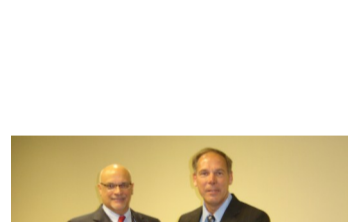
- As a part of IBM's centennial, and IBM Vermont's 55th anniversary in 2011, the company initiated a project to significantly increase its outreach in the local community. This included sharing best practices in energy and water management.
- IBM has led by example by reducing its energy usage in the last two years, saving \$5.1 million.
- They gave a Centennial Grant of \$100,000 to the Vermont State Colleges to be used by the Vermont Manufacturing Extension Center, Vermont Technical College and the HowardCenter Inc. Through this grant, they are sharing their SmarterEnergy Management program with two non-profits, VTC and HowardCenter Inc. Through the grant VTC has successfully reduced their electrical consumption by 5%.
- This program has incorporated innovation, sustainability, partnership and transferability to help organizations and companies improve their energy conservation.



IBM Vermont
Ruma Kohli & Patrick Zachary

IBM East Fishkill - *Onsite and Offsite Waste Solvent Accomplishments*

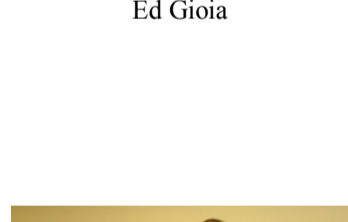
- Source reduction, segregation and waste solvent management practice improvements have been implemented to reduce chemical usage and the creation of waste solvents.
- 200 tons per year of NMP and photo-resist stripper chemical usage and 300 tons per year of bulk hazardous waste solvent have been eliminated. This is equal to an 87.5% reduction in chemical usage and hazardous waste generation.
- The program also allowed IBM to re-use the solvent waste collection system infrastructure to segregate solvent streams for the project's benefit.



IBM East Fishkill
Ed Gioia

Kentucky Pollution Prevention Center (KPPC) - *Kentucky Save Energy Now*

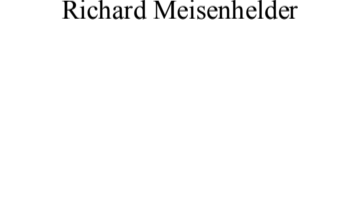
- The SEN program aids energy-intensive facilities in building sustainable energy-saving programs.
- The goal is to have clients reduce energy use by at least 2.5% per year for 10 years, and to save 815,000 MMBtu in total for all clients.
- The program provides on-site assessments, training, technology demonstrations, assistance with identifying project implementation resources, recognition of achievements and online resources to help develop a systems approach to P2 and E2 efforts.
- 28 industrial and commercial facilities have enrolled in the program, and energy savings have reached 827,618 MMBtu.



KPPC
Richard Meisenhelder

Washing Systems LLC - *Pure Solutions Chemical Line for Laundries*

- This program is committed to developing chemistry that is both environmentally friendly and cost-effective.
- The Pure Solutions Chemical Line for detergents is entirely NPE free.
- They introduced a sustainable and biodegradable builder which lowers water hardness in a washer.
- They also replaced two of their products, which contained petroleum solvents with non-hazardous, biodegradable bio-based products.
- Reduced the NPE in the environment by 4.5 million pounds
- Reduced the level of TKPP in the environment by 1.5 million pounds
- Reduced the petroleum solvents in the environment by over 100,000 pounds.

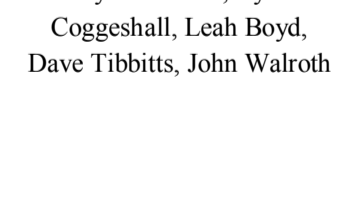


Washing Systems LLC
Bryon Ohmart, Rylan Coggeshall, Leah Boyd, Dave Tibbitts, John Walroth

Multimedia

Kentucky Pollution Prevention Center (KPPC) - [KPPC Media's YouTube Channel](#) (Video)

- The Kentucky Pollution Prevention Center utilizes their YouTube channel as an important tool to cover their events and activities. It serves as a venue for valuable information and training opportunities, encouraging a systematic approach to development and implementation of environmental management programs. In addition, clients are able to share stories and case studies with each other through videos.
- The channel extends the amount of time training information is available, increases potential outreach and audience size, and lowers the environmental impact of traveling to and from training sites.
- Video topics include setting goals and creating action plans, gaining stakeholders, benchmarking, starting student-led energy teams, engaging students in sustainability initiatives, and utilizing school energy competitions to drive energy savings.
- The channel has 52 videos available for viewing, 11 subscribers and 5,585 video views.



KPPC
Richard Meisenhelder

Cimira Studios, Impact Washington, US EPA OSEM and Washington State Department of Ecology - [AccraFab – Lean and Environment Reduces Wastewater Costs for Plating Company](#) (Video)

- This video explains the benefits of reducing operational and environmental wastes through integrated lean and P2/green methods. It sends the message that pollution prevention can save time, money and resources.
- Not only does the video tell a compelling story, it also connects with manufacturers and utilizes industry peers as spokespeople.
- The project, which used lean and P2 methods, was a collaboration between Cimira Studios, US EPA OSEM, Impact Washington, the Washington Department of Ecology, Lean Environment, and AccraFab.



Cimira Studios & Impact Washington
Linda Adams, Mary Heim, Jane Thomas