

**FY2013 Regional-Office Results of USEPA's Pollution Prevention Program  
Achieved through Pollution Prevention (P2) Grants**

*3/4/2015*

<b>Carbon Dioxide Equivalents Reduced (MTCO<sub>2</sub>e)</b>	<b>Hazardous Emissions and Materials Reduced (lbs.)</b>	<b>Water Conserved (gal)</b>	<b>Related Cost Savings (\$)</b>
<b>517,281</b>	<b>26,593,662</b>	<b>419,086,271</b>	<b>51,813,034</b>

**Region 1**

Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)
<b>R1 P2 Grants</b>					112,124	218,598	86,092,929	\$10,342,230
CT Dept of Energy and Environmental Protection	Greening hospitals, municipal garages, and lodging.	NP 96162401	10/1/12	9/30/13	3	1,995	37,406,304	\$269,302
NH Dept of Environmental Services	P2 and Green Chemistry	NP 96145001	10/1/11	9/30/13	37	55	72,000	\$100,154
VT Dept of Environmental Conservation	VT Business Environmental Partnership technical assistance and business recognition program; Governor's Awards for Environmental Excellence (10% of results reported).	NP 96167901	10/1/12	9/30/13	112,084	155,429	48,614,625	\$9,947,774
VTAG	On-farm education, outreach, and technical assistance	NP 96167701	9/1/12	12/31/13	0	22,200	0	\$0
University of Rhode Island	Green Chemistry & Environmental Results Program	NP 96145301	10/1/11	12/31/13	0	38,919	0	\$25,000

**Region 2**

Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)
<b>R2 P2 Grants</b>					18,544	8,840,000	0	\$2,826,298
Kean University, "Reducing GHG Emissions in Colleges and Universities"	Kean University, in partnership with New Jersey Higher Education Partnership for Sustainability (NJHEPS), assisted institutions of higher education in tracking and reducing their greenhouse gases (GHGs). Kean then held a series of workshops in 2010 for an audience of colleges and universities to show them how to establish their baselines and implement energy saving measures.	NP-97227409			14,934	0	0	\$526,298
Rowan University, "Sustainable Design Toolbox for Pharmaceutical Manufacturing"	Rowan University developed a software tool for environmental impact assessments of solvent recovery operations in pharmaceutical manufacturing operations. The purpose of the tool is to assist pharmaceutical company's decisions makers in easily assessing the best course of action, e.g. green technologies such as pervaporation. The software tool was tested, refined, and implemented with the world largest pharmaceutical company, Pfizer, thus maximizing the potential impact of this project. Solvent waste mixtures with different thermodynamic behavior were tested to demonstrate the tool's flexibility.	NP-97212311			3,610	8,840,000	0	\$2,300,000

Region 3								
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)
<b>R3 P2 Grants</b>					73,110	1,574,763	40,954,679	\$7,764,919
West Virginia Dept of Env Q		NP 963083			33,190	4,273	146,271	\$5,112,979
Maryland Dept of Env		NP 96319601	2012	2014	15,314	0	7,416,000	\$0
Maryland Dept of Env (green leadership)		NP 963086	2011	2012	20,000	6,030	5,170,000	\$740,000
Pennsylvania DEP		NP-973989			4,606	0	0	\$158,600
Wytheville Community College MTC		NP 96305			0	0	0	\$0
Virginia DEQ		BG-98392504-B: PPG-BG-392504			0	1,564,460	28,222,408	\$1,753,340
Region 4								
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)
<b>R4 P2 Grants</b>					114,815	26,620	10,872,255	\$5,819,293
KY Div of Compliance Assistance		NP95480812	12	13	2,269	4,000	0	\$249,790
MS Dept of Environmental Quality		NP95484012	12	13	550	4,080	0	\$45,900
NC Div of Environment and Natural Resources			12	13	110,646	8,540	10,862,255	\$5,262,972
SC Dept of Health and Environmental Control			12	13	24	10,000	10,000	\$65,000
TN Dept of Environmental Control		NP95467912	12	13	1,326	0	0	\$195,631

Region 5								
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)
<b>R5 P2 Grants</b>					12,812	13,675,072	1,262,395	\$1,149,601
Illinois Conservation of Resources & Energy (ICORE)	Illinois Sustainable Technology Center (ISTC) conducted on-site assessments at 21 facilities and identified conservation opportunities. The majority of the recommendations implemented and the resultant savings were from electricity reduction opportunities, due mostly to financial incentives offered from Illinois utilities.	NP-00E00913-0			6,471	5,929	1,262,395	\$592,985
Minnesota Pollution Control Agency PPG	Ecolab – Demonstration Project: Cleaner, Safer, Healthier Hard Surface Cleaning Systems - The purpose of this project was to design key hard surface cleaning products for optimum efficacy and enhanced human health and environmental safety in these sectors: hospitality, building service contractors, long term care, and government/education.	BG98568809			0	13,669,000	0	\$0
University of Toledo	Grant activities will supplement the Ohio Statewide Environmental Network existing P2 efforts by performing P2 assessments, hosting education seminars or workshops for companies, and coordinating a statewide environmental network. These objectives will help address reductions in wastes, GHG emissions, and energy savings. U of Toledo works with CIFT and TechSolve to complete assessments and recommendations. U of Toledo and partners held workshops and training sessions that were attended by local businesses and institutions	NP-00E00915-0			15	143	0	\$7,445
Indiana Department of Environmental Management	The grant performed 31 P2 Opportunity Assessments at facilities and identified recommendations for conserving resources and saving money. The project also led to three IDEM-issued sub-grants to entities to reduce toxics from pet waste and several sources in Indiana. The third sub grant resulted in implementing P2 recommendations, conserving natural gas, reducing GHG emissions and saving money.	NP-00E30902			6,326	0	0	\$549,171
Region 6								
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)
<b>R6 P2 Grants</b>					15,240	9,673	2,931,766	\$2,802,354
Arkansas Dept of Environmental Quality					466	0	1,070,648	\$0
New Mexico Environment Dept					12,386	9,048	305,468	\$1,083,579
New Mexico State Univ					0	0	0	\$0
ODAF					0	0	0	\$0
OK Dept of Environmental Quality					0	0	0	\$0
UTA/TMAC					2,388	625	1,555,650	\$1,718,775
A Nurtured World					0	0	0	\$0

Region 7										
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)		
<b>R7 P2 Grants</b>						21,990	606,850	227,227,823		\$7,094,999
Iowa Department of Natural Resources		NP 97739701			1,650	0	0			\$4,775
Iowa Department of Natural Resources		NP 97732301			233	0	0			\$55,040
Iowa Department of Natural Resources		NP 97725101			14,809	584,000	80,893,823			\$4,478,168
Kansas Dept of Health and Environment		NP-97739501			0	0	0			\$0
	P2 Awards				4,345	0	150,000			\$2,040,000
	PPI Interns				692	0	4,184,000			\$454,024
	PPI technical assistance				0	22,850	0			\$17,400
Univ of Missouri		97,739,601			99	0	0			\$13,492
Univ of Nebraska		NP- 97739301			162	0	142,000,000			\$32,100

Region 8									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)	
<b>R8 P2 Grants</b>						16,893	436,294	25,690,425	\$1,286,617
CO Dept of Public Health & Env - Expand State's Greening Govt Program at all state agencies and expand State's Environmental Leadership Program	(1) - Paper Reduction Efforts. CDPHE deployed Phase 2 of the Multifunctional Printers that facilitate electronic business applications to reduce printing, copying and paper usage. (2) – Water Conservation. The Aurora Air Testing Center replaced four 5-gallon per flush toilets with 1.6 gallon per flush units. (3) – Energy Conservation. An energy audit and lighting upgrade at the ARGO Mine water treatment plant in Idaho Springs resulted in the conversion of T-12 lighting to T-8, installation of motion sensors in offices, and installation of new LED wall-packs on the exterior of the building. (4) – ELP Member Metrics. Gas energy efficiency, reduced city water usage, water savings due to planting buffalo grass, low flow toilets, wastewater evaporator, replacement of regular automobiles with electric vehicles.	BG998474-12	2012	2013	1,657	0	5,879,600	\$195,587	
MT State University - Collaborate with key partners to grow MT-owned food production, processing & distribution, & recognize EcoStar P2 Recognition Program participants	Water and energy conservation by installation of drip system, recirculating hot water, installing low flow toilets.	NP968135-01	2012	2013	408	51,147	8,210,825	\$379,443	
UT Dept of Env Quality - Develop sustainable business practices, participate in Clean Utah Program, expand partnerships, & provide technical assistance	(1) – Water Savings by Utah Transit Authority through xeriscape projects at their Park 'n Rides and bus facility, Granite Construction Company through a recovery system installed on an aggregate wash with recovery and reuse of rinse water, and Xanterra's Red Rock Grille at the Zion Lodge through the installation of a closed looped system for water cooling compressors for a walk-in refrigeration system. (2) – Reduced hazardous chemicals through segregation of waste stream using a dedicated drain system on partner was able to recover Isopropyl Alcohol pure enough for reuse in their process. (3) – DEQ employees telecommuted once a week. (4)– The newly constructed Public Safety Building with an Energy Star Performance Rating of 100, an 80% savings in energy use and emissions.	BG998475-12	2012	2013	14,828	385,147	11,600,000	\$711,587	
Region 9									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)	
<b>R9 P2 Grants</b>						2,305	6,943	40,670	\$782,363
UNR/NVBEP - Biz Asst.			2012	2015	0	6,943	0	\$0	
UNR BEP - Green Bldg NNV		NP-97995101	2008	2011	32	0	0	\$13,923	
DBET - Hawaii Intern		NP-00T57201	2010	2012	2,273	0	40,670	\$768,440	
Region 10									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO <sub>2</sub> e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Saved Conserved (gal)	Related Cost Savings (\$)	
<b>R10 P2 Grants</b>						129,448	1,198,849	24,013,329	\$11,944,360