

FY 2022 – FY 2023 Source Reduction Assistance Grant Award Summaries

During fiscal years 2022-2023, EPA awarded **13** Source Reduction Assistance (SRA) grants totaling \$1.13 million to support pollution prevention (P2) activities across all environmental media – air, water, and land. Award recipients represent local and state government entities, colleges/universities, and nonprofit organizations.

The award summaries below include the grant recipient's name, the federal grant amount, and a brief project description. Grant projects reflect a two-year funding period whereby projects will begin in **October 2022** or soon thereafter and are due to be completed in **October 2024**.

For additional information on the awarded grants, please contact the [EPA Regional P2 Program](#). EPA Regions 1,2,5,6, did not participate in the SRA grant competition.

- [Region 3 \(DE, DC, MD, PA, VA, WV\)](#)
- [Region 4 \(AL, FL, GA, KY, MS, NC, SC, TN\)](#)
- [Region 7 \(IA, KS, MO, NE\)](#)
- [Region 8 \(CO, MT, ND, SD, UT, WY\)](#)
- [Region 9 \(AZ, CA, HI, NV, AS, GU\)](#)
- [Region 10 \(AK, ID, OR, WA\)](#)

REGION 3 (DE, DC, MD, PA, VA, WV)

DISTRICT OF COLUMBIA

The International Center for Appropriate and Sustainable Technology (ICAST)

- EPA Grant: \$35,500

The grantee (ICAST) will provide multifamily affordable housing property owners in the District of Columbia (DC) with education and tools to implement custom energy efficiency and renewable energy retrofits. ICAST will use a one-stop-shop model. This project will facilitate carbon emissions reductions and improve human and environmental health.

The Center for Watershed Protection (CWP)

- EPA Grant: \$61,232

The grantee (CWP) will provide training on the efficient application of road salt to reduce chloride entering the environment. CWP will develop training for the District of Columbia winter maintenance professionals on best practices for more efficient road salt application. This “Smart Salting” training will include topics such as calibration, anti-icing, pre-wetting, application rates, monitoring and tracking, and equipment handling, to reduce the impacts of excess chloride on local waterways and public health and infrastructure. The project also includes the development of a strategy to measure the impact of the training on road salt application in the District.

PENNSYLVANIA

Villanova University

- EPA Grant: \$80,268

The grantee will develop a publicly accessible tool to aid in siting facilities and cooling design decisions for the Controlled Environment Agriculture (CEA) industry addressing carbon dioxide, water use and energy efficiency. Villanova will evaluate the carbon savings and water scarcity footprint associated with the location of facilities. Partnerships with stakeholders in the CEA sector will be used to maximize the project's impact. The target community includes the CEA industry but can be easily expanded to other sectors.

WEST VIRGINIA

West Virginia University

- EPA Grant: \$65,000

The grantee (WVU) will develop a source reduction training program with tools to assist manufacturers with energy efficiency, waste reduction, emission estimation, and greenhouse gas reduction. WVU will provide specific training on application tools to assist manufacturing facilities in developing and implementing practices to reduce greenhouse gas emissions and the use of hazardous materials. There will be focused training modules on various topics related to energy efficiency, waste reduction, emission estimation, and greenhouse gas reduction.

REGION 4 (AL, FL, GA, KY, MS, NC, SC, TN)

KENTUCKY

University of Louisville

- EPA Grant: \$137,000

The grantee's Kentucky Pollution Prevention Center (KPPC) plans to develop and deliver guidance documentation, tools, technical education, and assistance to support the implementation of sustainable manufacturing tools. The project will enable manufacturers resources to manage resources better and reduce environmental impacts on an ongoing basis, supporting continuous improvement. The project is designed to capture and demonstrate the use and benefits of sustainable manufacturing tools at six manufacturing facilities. The results will provide metrics for improved environmental performance at participating Kentucky manufacturing facilities. In addition, guidance materials, recorded webinars and case studies will be developed for knowledge transfer and to amplify the benefits to other manufacturers and technical assistance providers. The project will target manufacturers throughout Kentucky, emphasizing supporting environmental justice for underserved communities in the Commonwealth.

NORTH CAROLINA

Land of Sky Regional Council

- EPA Grant: \$86,600

The grantee will deliver technical resources and on-site assistance to North Carolina businesses and institutions seeking to report and reduce greenhouse gas emissions. Engaging both senior engineers and interns, the effort will advance new cost-effective roadmap models and strategies for selected industrial sectors to achieve significant greenhouse gas (GHG) reduction goals.

REGION 7 (IA, KS, MO, NE)

IOWA

Iowa Department of Natural Resources

- EPA Grant: \$169,223

The grantee will conduct Pollution Prevention internships in Iowa industrial facilities, build a searchable online platform for its Pollution Prevention Resource Library to make it available to students, businesses, and technical assistance providers within Region 7, and update its program promotional brochure. Service outreach and delivery will be targeted to Iowa businesses within the four EPA priority areas: prevention of greenhouse gas emissions, hazardous materials source reduction, conservation of materials and resources, and environmental justice through Pollution Prevention actions.

KANSAS

Kansas State University

- EPA Grant: \$123,500

The grantee's Pollution Prevention Institute will provide training at two Kansas Hospital Engineer Association conferences, enlist ten small and medium hospitals for on-site facility visits and review of historical energy utilization records, provide interns and experienced mentors to develop energy-saving and hazardous waste reduction plans for each participating facility, and document and publish successful procedures for greenhouse gas reduction measures. This project will provide source reduction technical assistance regarding pollution prevention practices that can help small and medium-sized hospitals by reducing their resource use, expenditures, and waste costs, while at the same time reducing their environmental footprint and helping to protect human health and the environment.

MISSOURI

International Center for Appropriate and Sustainable Technology

- EPA Grant: \$50,000

The grantee (ICAST) will provide multifamily affordable housing property owners in Missouri with the necessary education and tools to pursue custom energy efficiency and renewable energy retrofits. ICAST will identify properties in underserved communities with the most acute need for this assistance with the help of Community and Housing partners. Implementing energy efficiency and renewable energy projects such as weatherization, beneficial electrification, and health and safety measures can conserve energy and water and reduce carbon emissions, thus improving the properties and creating

health benefits for the low-income residents of the selected projects, the City's, and the State. This project will primarily provide services to metropolitan Kansas City and St. Louis, Missouri.

REGION 8 (CO, MT, ND, SD, UT, WY)

COLORADO

City of Westminster

EPA Grant: \$180,000

The grantee will provide technical and analytical support services and financial assistance to owners of commercial buildings to address building energy efficiencies to reduce greenhouse gas (GHG) emissions and improve their building energy performance. The City of Westminster ('City') will focus services on the approximately 115 commercial buildings of 50,000 sq. ft. or larger located in Westminster, in accordance with the State of Colorado's Building Performance Colorado (BPC) program, will report their buildings' energy use data through the EPA ENERGY STAR Portfolio Manager tool.. The City's partner, Sustainable Real Estate Solutions ('SRS'), will identify the 50 buildings with the lowest energy efficiency or energy performance in Westminster, and using their Energy Performance Improvement Calculator ('EPIC™') tool, SRS will create customized cost-benefit analyses for multiple equipment replacement scenarios for each of the identified 50 low-performing buildings. These reports will provide each building owner with a coherent "business case" that compares "low-cost", code compliant HVAC and energy equipment to an "investment" in high efficiency energy equipment that will yield a superior cash flow for the building owner and maximum reductions in GHG emissions, and building owners who install HVAC and other energy efficiency equipment identified in their EPIC™ report, will be eligible for a partial rebate (up to 50% of their total project costs). Last, the City, SRS, and project partners will host several trainings for local HVAC contractors that serve Westminster and the Denver Metro Region about the installation, operation, and benefits of high efficiency and electric HVAC equipment.

REGION 9 (AZ, CA, HI, NV, AS, GU)

CALIFORNIA

California Green Business Network

- EPA Grant: \$115,000

The grantee will expand a pilot project started in the City of Seaside to eliminate and reduce consumption of single-use plastics and non-compostable bioplastics across the entire Monterey Bay Area, focusing on the cities of Salinas and Watsonville. The grantee will provide 1:1 technical assistance to up to 100 food facilities on EPA Safer Choice chemicals and reusable food ware, with at least 50 facilities adopting measurable practices. In the Central Valley, the grantee will engage with childcare facilities to help reduce or eliminate single-use plastics in favor of reusables and the use of safer janitorial products.

NEVADA

greenUP!

- EPA Grant: \$115,000

The grantee will provide P2 training and technical assistance to 30 restaurants in underserved communities in Las Vegas to develop a reusable takeout container program and encourage green certification. Grantee will also work with customers using marketing campaigns to eliminate styrofoam, plastic utensils, cups and water bottles from the landfill to reduce greenhouse gas emissions. Training and technical assistance will be provided in English, Spanish and Tagalog.

REGION 10 (AK, ID, OR, WA)

WASHINGTON

Pacific Northwest Pollution Prevention Resource Center

- EPA Grant: \$121,053

The grantee will assist industrial entities located in economically vulnerable, underserved communities in the Pacific Northwest by helping facilities reduce the amount of hazardous material, pollutants, or toxic contaminants generated due to their industrial processes. The project will be achieving source reductions by 1) hosting roundtable discussions with facility leadership and staff to impart the importance of pollution prevention within a vulnerable community and providing potential projects of interest, 2) conducting a thorough P2 assessment in each facility, 3) developing P2 recommendations based on the information identified during the assessments, and 4) providing technical assistance and guidance during the implementation of the recommendations. The Pacific Northwest Pollution Prevention Resource Center also plans to provide training activities through partnerships with state environmental agencies in Idaho, Oregon, and Washington.