



EPA

United States
Environmental Protection
Agency

P2 Program: National Grants Webinar

March 25, 2015

The Webinar is About to Begin

- **KEEP PHONES MUTED:** Attendees and presenters should keep phones and computer microphones muted throughout the broadcast. Presenters, unmute when presenting.
- **TYPE YOUR QUESTIONS:** Type your questions in at any time. We'll stop during the webinar to take some questions. After the webinar, we will post FAQ to our P2 Program Grants and Funding Page.
- **HOLD QUESTIONS SPECIFIC TO YOUR PROPOSED PROJECTS:** Since the P2 STAG RFP is open, answering those kinds of questions may be construed as giving an unfair advantage to an applicant.
- **DIRECT ELIGIBILITY QUESTIONS TO YOUR REGIONAL P2 COORDINATOR:** Regional P2 Coordinators are listed in the RFPs.

AGENDA

- **Welcome & Basic Instruction** – Michele Amhaz, EPA HQ, CESSD
- **State of P2 in EPA** – Michele Amhaz, EPA, HQ, CESSD
- **Basics P2, PPIN and SRA Grant Programs** – Michele Amhaz and Beth Anderson, EPA HQ, CESSD
- **What's the Same? What's New?** – Rebecca Cool, EPA HQ, CESSD
 - *Questions - Mary Dever-Putnam, Region 1*
- **National Emphasis Areas** – Rebecca Cool, EPA HQ, CESSD
 - *Questions - Mary Dever-Putnam, Region 1*
- **Regional Priorities** – Marcus Rivas, Region 7 & Wendi Shafir, Region 9
 - *Questions - Mary Dever-Putnam, Region 1*
- **Grant Evaluation & Resources** – Michele Amhaz, EPA HQ, CESSD
 - *Questions - Mary Dever-Putnam, Region 1*

State of P2 in EPA

- P2 program's mission is to prevent pollution at the source and conserve natural resources by reducing or eliminating pollutants at the source.
- Work carried out via voluntary partnerships, grants, awards, voluntary consensus standards, and direct Regional activities.
- Grants issued by the P2 Program fund State-based projects for technical assistance, training, outreach, education, data collection, research, and demonstration projects and recognition programs.

Grant Programs managed by EPA's P2 Program

1. Pollution Prevention

2. Pollution Prevention Information Network

Statutory Authority – Pollution Prevention Action of 1990

3. Source Reduction Assistance

Statutory Authorities – Clean Air Act, Section 103(b), as amended; Clean Water Act, Section 104(b)(3), as amended; Federal Insecticide, Fungicide, and Rodenticide Act, Section 20, as amended; Safe Drinking Water Act, Section 1442 (a)(1) and (c), as amended; Solid Waste Disposal Act, Section 8001(a), as amended; and Toxic Substances Control Act, Section 10, as amended.

Pollution Prevention/P2 Grants

- **Purpose:** Fund State and Tribal P2 programs, which provide P2 technical assistance/training to businesses. Assistance/training e.g., on-site environmental energy/water conservation audits, workshops, certification courses, supporting college/university P2 internships, providing educational outreach through listservs/newsletters.
- **Eligibility:** State agencies, colleges/universities (serving as instrumentalities of the State), and federally-recognized Tribes
- **Funding:** FY 2015 approximately \$3.97 million/yr in STAG funds
- **Match Requirement:** 50% match; reduced to 5% for Tribes who place award funding into a PPG agreement
- **Range of Awards:** \$20,000- \$180,000
- **Grant Period:** 1-3 yrs
- **Average number of grants/cooperative agreements issued:** 40/yr

P2 Information Network/PPIN Grants

- **Purpose:** To fund grants/cooperative agreements that support a national network of P2 information centers. Grantees facilitate P2 information and technology exchange across the nation. Grantees can bring together programs and businesses crossing state boundaries to provide P2 training, promote P2 awareness and P2 technologies.
- **Eligibility:** State governments, colleges and universities (recognized as state entities), federally-recognized tribes and intertribal consortia.
- **Funding:** Approximately \$800,000
- **Match Requirement:** 50 percent match.
- **Range of Awards:** \$60,000 - \$170,000
- **Grant Period:** 1 year
- **Average Number of Cooperative Agreements Issued Per Year:** 8

Source Reduction Assistance/SRA Grants

- **Purpose:** Fund projects to promote pollution prevention through educational outreach, training, research, investigation, experiments, or innovative techniques as a means to encourage behavioral change.
- **Eligibility:** State agencies, local governments, city or township governments, independent school district governments, state controlled institutions of higher education, non-profit organizations (other than institutions of higher education), private institutions of higher education, community-based grassroots organizations, and federally-recognized Tribes.
- **Funding:** FY 2015 approximately \$1.2 million/yr in EPM funding
- **Match Requirement:** 5%
- **Range of Awards:** \$10,000 - \$130,000
- **Grant Period:** 1-2 yrs
- **Average number of grants/cooperative agreements issued:** 20/yr

What's Staying the Same?

- Still operating under Goal 4 of the 2014-2018 EPA Strategic Plan: *Ensuring the Safety of Chemicals and Preventing Pollution*
- Still required to report the same outcome measures
 - Gallons of water reduced
 - Business, institutional and government costs reduced
 - Pounds of hazardous materials reduced
 - Metric tons of carbon dioxide equivalent (MTCO₂e) reduced or offset

What's New?

- OPPT HQ has reorganized, P2 program is now in the
 - Chemistry, Economics, and Sustainable Strategies Division
- Transitioning from national priorities focused on the outcome measures to a focus on P2 National Emphasis Areas that yield the same results.

Motivation for P2 Emphasis Areas

- More focused approach can better serve Agency's mission.
 - Coordinating internal and external effort
 - Leverage increasingly scarce resources
- Allows EPA to better engage with external stakeholders, in both environmental and economic domains.
 - Content development and training
 - Cross-fertilizing other national/federal programs
- P2 work should align with the Administrator's priorities.
- Improves clarity and effectiveness of P2 outreach/extension.

Transitioning the P2 Enterprise

- FY 2015 is a *transitional* year. Grantees must implement one or more of the three P2 national emphasis areas.
- EPA's intention is to include these particular national emphasis areas in these grants for a minimum of three years (FY 2015, FY 2016 and FY 2017).
- During FY 2016 and FY 2017 emphasis areas may evolve as needs and priorities advance.

THESE ARE THE EMPHASIS AREAS OF THE P2 ENTERPRISE...



3 National Emphasis Areas

- Climate Change Mitigation/Prevention of GHG Emissions
- Food Manufacturing
- State or Community Level Hazardous Materials Source Reduction

Climate Change Mitigation/Prevention of Greenhouse Gas (GHG) Emissions

- Aligns with Administrator's priority – *Addressing Climate Change and Improving Air Quality*
- Regions have a long standing investment in energy and GHG reductions

Climate Change Mitigation/Prevention of Greenhouse Gas (GHG) Emissions

- Implement P2 projects that achieve significant, measureable GHG emission reductions and/or energy efficiency through technical assistance to businesses.
- *Examples:*
 - Implementing P2 activities that support and promote GHG emission reductions and energy efficiency measures under the State's 111(d) plan.
 - Focusing (E3) assessments on GHG reductions through process and materials substitution as well as chemical substitutions for hydrofluorocarbons and other highly potent GHGs.
 - Involve colleges and university engineering departments to identify opportunities to reduce heat loss in target industries.

Food Manufacturing

- Aligns with Administrator priorities:
 - Protecting Water: a Precious Resource
 - Taking Action on Toxics and Chemical Safety
 - Making a Visible Difference in Communities
- Area where great progress can be made in energy and water conservation.
- Opportunity to leverage resources.

Food Manufacturing

- Implement P2 projects that support sustainable food manufacturing, resulting in reductions of greenhouse gas emissions, water usage, hazardous materials generation and business costs.
- *Examples:*
 - Implementing and measuring water conservation techniques.
 - Implementing and measuring green chemistry solutions (e.g. reduce quantity and toxicity of cleaning products or food processing chemicals).
 - Focusing E3 assessments on source reduction of food waste at one facility or at multiple points in the supply chain.
 - Establish food manufacturing roundtable to exchange information, ideas, technology info among food manufacturers

State or Community Level Hazardous Materials Source Reduction

- Aligns with Administrator priorities:
 - Taking Action on Toxics and Chemical Safety
 - Making a Visible Difference in Communities

State or Community Level Hazardous Materials Source Reduction

- Implement state or community-level hazardous materials source reduction activities that result in reduced generation and use of hazardous substances, pollutants, or contaminants.
- *Examples:*
 - Amplifying TRI P2 reporting and using TRI P2 data to target similar businesses or operations for similar P2 opportunities in hazardous materials source reduction.
 - Creating training and other assistance methods for businesses and TA providers to learn to identify and reduce the use of hazardous chemicals in their facilities.
 - Create community partnerships (businesses, municipalities, schools, etc.) to identify and reduce use of hazardous materials

P2, PPIN & SRA Grants

- Applicants are to select one or more of the National Emphasis Areas (NEAs) as the focus of their grant proposals.
- Each region has developed a set of priorities that may expand upon the NEAs and/or may highlight specific environmental issues, projects or programs of particular interest to the Region.
- Applicants are to select one or more of the Region's priorities as part of their proposal.



Regional Priorities



Nation





Regional Priorities



E3: ECONOMY - ENERGY - ENVIRONMENT

A SUSTAINABLE GROWTH STRATEGY





Regional Priorities

Example: Region 9 Priorities for P2 Grants

1. Green Chemistry



2. Business Source Reduction: focus hazmat and food

3. Environmentally Preferable Purchasing



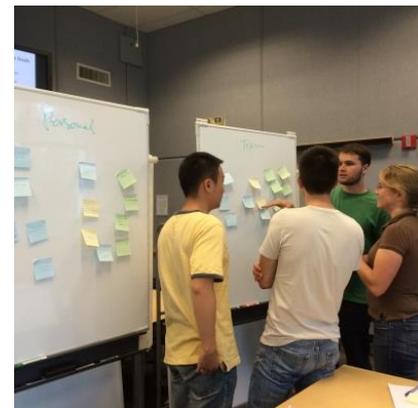


Regional Priorities

Examples: Green Chemistry

❖ UC Berkeley Green Chemistry Class

- Curriculum development
- Students work with businesses partners to promote adoption of more sustainable chemistry



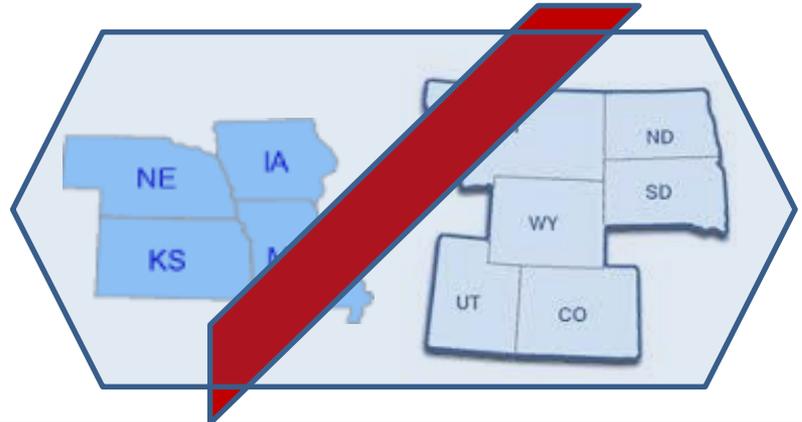
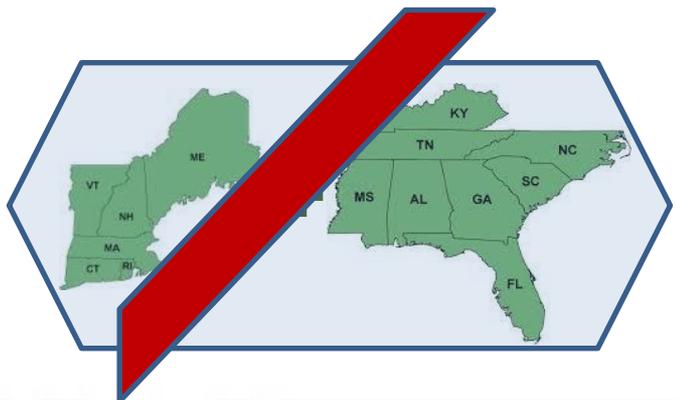
❖ CA Department of Toxic Substance Control

- Guidelines: evaluation of safer substitutes
- Train businesses to comply with new state regs





Regional Priorities



Regional Priorities



Grant Evaluation

What are Regional Reviewers looking for?

- **Applicant Eligibility**
- **Compliance with threshold program and submission requirements**
- **Project relevant to national P2 emphasis areas and regional priorities**
- **Evaluation criteria – P2 and SRA grants** – e.g., technical assistance, environmental and human health concerns, environmental results, transferability of the project. **PPIN** – e.g., P2 information dissemination, supporting technical assistance P2 information needs, collaboration and environmental results.
- **Demonstrating the Project's Purpose** – What is the value-added? Is the project augmenting/enhancing existing tools/trainings or modes of communication? Will the project make significant human health/environmental gains?

Recommendations for Preparing Proposals

- Start Early
- Line up partners committed to the work
- Identify cash and in-kind resources needed to meet match requirement
- Cross-check calculation of match requirement
- Go to EPA's P2 Program's Grant and Funding Page
- Take EPA's OGD webinar trainings – basics on applying and the agency's Grants.gov application requirement.

Resources

For more information:

- *Contact the Region listed in the Request for Proposals – Section VII. Agency Contacts*
- *Refer to EPA’s P2 Program Grants & Funding page*
www.epa.gov/p2/pubs/grants/
 - *Grant guidance*
 - *Grant summaries*
 - *Measurement guidance and data*
- *EPA’s Office of Grants and Debarment’s Recipient Training Requirements and Opportunities page*
www.epa.gov/ogd/training/recipient_train.htm



Comments/Discussion