EPA's SBIR Program

The U. S. Environmental Protection Agency's (EPA) mission is to protect human health and the environment. EPA's SBIR Program supports small businesses (500 or fewer employees) to develop and commercialize novel environmental technologies that support this mission.

Phase I awards are $100,000 for six months and for "proof of concept" of the technology. Phase II awards are for up to $300,000 for two years to further develop and commercialize the technology. Phase II companies that obtain qualifying third party investment are eligible for a commercialization option of $100,000.

For information on the EPA SBIR Program, visit www.epa.gov/sbir or contact:

April Richards, SBIR Program Manager
(202) 564-6462 or richards.april@epa.gov

For information on the federal-wide SBIR Program, visit www.SBIR.gov.

Join the listserv for notices about the 2017 solicitation and other EPA funding opportunities at www.epa.gov/sbir.

September 2017
www.epa.gov

EPA

Small Business Innovation Research (SBIR) Program

Opportunities for Environmental Technology Developers

U.S. EPA SBIR
SMALL BUSINESS
INNOVATION RESEARCH

SBIR
America's Seed Fund™
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Join EPA today to bring green technology to market!



EPA SBIR Solicitation

The next EPA SBIR Phase I solicitation is scheduled to open October 2017. The proposed broad topic areas are:

Clean and Safe Water

- Removal of perfluorooctanoic acid (PFOA)/ perfluorooctane sulfonate (PFOS) from Drinking Water
- Removal of PFOA/PFOS from Wastewater
- Replacements for Polyvinyl Chloride (PVC) and Polyethylene (PE) Water Pipes

Air Quality

- Capturing Carbon Dioxide from Vehicles
- Converting Carbon Dioxide from Vehicles
- Product Loss Prevention and/or Mitigation in the Oil and Natural Gas Sector
- Developing More Stable Metal Alloy Tubes for Use in High Temperature Processes

Land Revitalization

- Remediation of PFAS-Contaminated Soil and Sediment

Homeland Security

- Decontamination of Category A Viruses on Porous Surfaces and Sensitive Equipment
- Packaging Materials for On-Site Fumigation and Transport of Category A Virus Contaminated Materials

Manufacturing

- Greener Manufacturing of Plastics
- Greener Plastic Materials and Products

Building Construction Materials

- Greener Interior Construction Materials
- Greener Exterior Construction Materials

The final topic descriptions will be released in the official solicitation.

SBIR Success Stories

Ecovative

(2014 SBIR receipient)

Ecovative addresses challenges of waste producing packaging by pioneering a new materials science. With early and on-going support from EPA's SBIR Program, Ecovative developed MycoFoam™ materials – grown from the mushroom component mycelium – as a replacement for hydrocarbon-derived synthetics in packaging, insulation, and structural cores.

PittMoss

(1996 SBIR recipient)

PittMoss, LLC was established to offer a sustainable, man-made product that would serve the same function as peat moss, which sequesters 33 percent of the world's stored soil carbon. PittMoss is a sustainable alternative to potting soil made of paper rescued from landfills. It delivers many benefits over traditional peat moss, including a lower price, decreased runoff and decreased water usage.

GVD Corporation

(2013 SBIR receipient)

GVD Corporation created a mold-release coating that uses no hazardous organic solvents. GVD has partnered with major automotive parts manufacturers that use GVD's mold-release coatings to streamline tire manufacturing and reduce the environmental burden of traditional coatings.

Other SBIR Funding Opportunities

Additional opportunities for SBIR funding for environmental technologies are available through other agencies such as National Science Foundation (NSF) and National Institute of Environmental Health Sciences (NIEHS), Department of Energy (DOE), U.S. Department of Agriculture (USDA), and National Oceanic and Atmospheric Administration (NOAA). For a full list of participating agencies, please visit www.SBIR.gov.

NSF SBIR Program

The NSF SBIR Program supports a broad range of technologies and issues two solicitations per year.

For more information on the program, go to seedfund.nsf.gov. Questions about NSF's SBIR Program can be addressed to Ben Schrag at bschrag@nsf.gov.

NIEHS SBIR Program

The NIEHS Superfund Research Program (SRP) supports technologies to characterize, monitor and remediate hazardous substances at contaminated sites. The NIEHS application receipt dates are April 5, September 5, and January 5 each year.

Questions about NIEHS SRP's SBIR Program can be addressed to Heather Henry at henryh@niehs.nih.gov or by visiting the NIEHS website at sbir.nih.gov/niehs.

www.epa.gov/sbir