EPA 2018-2019 SBIR Solicitation Topics

Clean and Safe Water
- Innovative technologies for the rapid detection and treatment of antibiotic resistant bacteria in wastewater
- Novel technologies for the rapid detection of PFAS in water
- Innovative pretreatment technologies for PFAS in industrial wastewater
- Novel sampling devices for microplastics
- Novel technologies for the rehabilitation of water infrastructure

Air Quality
- Innovative measurement tools for ground level air pollution levels from wildland fires

Land Revitalization
- Innovative technologies that can sample, detect, analyze, remove or destroy PFAS in and from soil, sediment, water and groundwater

Homeland Security
- Novel water distribution and stormwater system sensors

Manufacturing
- Novel technologies for the reduction of chemicals in food processing

Sustainable Materials Management
- Novel technologies to identify harmful materials in construction & demolition (C&D) materials
- Novel technologies to aid building deconstruction
- Recyclable composite building materials

Safer Chemicals
- Novel, safer paint and coating removal products

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www.epa.gov

EPA

Small Business Innovation Research (SBIR) Program

Opportunities for Environmental Technology Developers

Join EPA today to bring green technology to market!



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

Phase I awards are $100,000 for six months and for "proof of concept" of the technology.

PHASE II

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 investments are eligible for a commercialization option of $100,000.

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

For questions, 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 2018 solicitation and other EPA funding opportunities at www.epa.gov/sbir.

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.

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