Success Stories

Ecovative
Ecovative addresses challenges of waste producing packaging by pioneering a new materials science. With early and ongoing 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 LLC
PittMoss LLC was established to offer a sustainable, manufactured product that would serve the same function as peat moss, which sequesters 33 percent of the world's stored soil carbon. Made of paper rescued from landfills, PittMoss is a sustainable alternative to potting soil. It delivers many benefits over traditional peat moss including a lower price, decreased runoff, and decreased water usage.

GVD Corporation
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.

Lucid Design Group Inc.
Lucid Design Group Inc. developed software that drives energy conservation and savings in commercial buildings. Their software has been used by more than 500 customers in 13,000 buildings in metropolitan areas like Chicago and Washington. Lucid was acquired by Acuity Brands, Inc. in 2018 to enhance their base of networked sensors for lighting and building automation controls.

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EPA
United States
Environmental Protection
Agency

EPA SBIR
AMERICA'S SEED FUND FOR ENVIRONMENTAL INNOVATION

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 Small Business Research Innovation 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 $400,000 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:
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For information on the federal-wide SBIR Program, visit www.SBIR.gov.

Join the listserv for notices about the 2019–2020 solicitation and other EPA funding opportunities at https://www.epa.gov/sbir/sbir-listserv.

Solicitation Topics

The 2019–2020 EPA SBIR solicitation is scheduled to open in June 2019. The proposed topic areas are listed below. The final topic areas will be released in the official solicitation.

Clean and Safe Water
- Novel sampling devices for microplastics
- Novel technologies for rehabilitation of water infrastructure
- Novel technologies for the destruction of per- and polyfluoroalkyl substances in water and wastewater
- Point-of-use treatment for opportunistic pathogens
- Innovative technologies for the rapid detection and treatment of antibiotic resistant bacteria in wastewater
- Treatment for cyanobacteria and cyanotoxins in drinking water
- Resource recovery for decentralized wastewater systems

Air Quality
- Air monitoring technology for ethylene oxide
- Air monitoring technology for sulfur dioxide

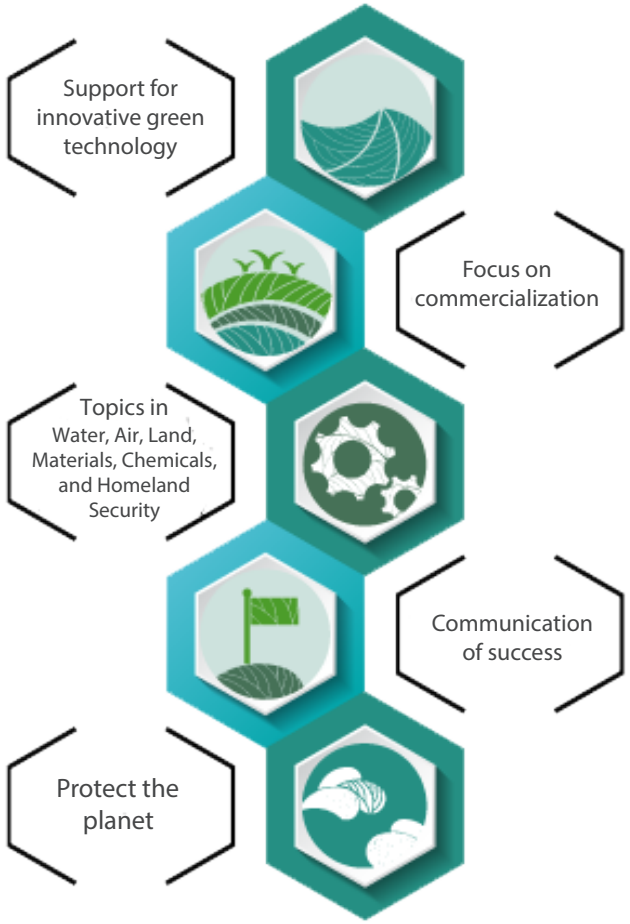
Land Revitalization
- Mining site characterization and remediation

Homeland Security
- 3-D gamma camera to map radiological contamination
- Novel water distribution and stormwater system sensors

Sustainable Materials Management
- New applications for industrial non-hazardous secondary materials
- Preventing food waste

Safer Chemicals
- Novel, safer paint and coating removal products

EPA SBIR Program



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