
NAS NORTH ISLAND - NAVY REGION SOUTHWEST NAVY ENVIRONMENTAL LEADERSHIP PROGRAM

PARTNERSHIPS

ONR SMALL BUSINESS INNOVATION RESEARCH PROGRAM

ACTIVITIES INVOLVED

Office of Naval Research (ONR)

STATUS

Active

MISSION

Capture the innovative talents of small technology companies for U.S. military strength

PARTNERSHIP DESCRIPTION

The Small Business Innovation Research (SBIR) program was created by the Small Business Innovation Development Act to strengthen the role of small enterprises in federally funded research and development (R&D), thus helping the nation develop a stronger base for technical innovation.

SBIR is a program that encourages small businesses to explore their technological potential and provides the incentive to profit from commercialization of technology. SBIR funds the critical start-up and development stages of small business projects and encourages the commercialization of the technology, which in turn stimulates the U.S. economy. Each year, 10 federal departments and agencies (including ONR) are required by SBIR to reserve a portion of their R&D funds for award to small business. These agencies then establish R&D topics and accept proposals for its SBIR program. Following submission of proposals, agencies make SBIR awards based on small business qualifications, degree of innovation, technical merit, and future market potential. The U.S. Small Business Administration collects R&D topics from all participating agencies and publishes them quarterly in a Pre-Solicitation Announcement (PSA). The PSA is a single source for the topics and anticipated release and closing dates for each agency's solicitations.

The ONR SBIR program, part of the Navy SBIR program, addresses the science and technology areas that support Navy and Marine Corps requirements. As part of the ONR's, and therefore Department of Defense's (DoD), SBIR efforts the ONR issues a SBIR solicitation twice a year, describing its R&D needs and inviting proposals from small companies. The program funds early-stage R&D projects for small technology companies that serve a DoD need and have the potential for commercialization. Most recently, Naval Air Station (NAS) North Island conducted a demonstration of the ENVIROGEN biotrickling filter system developed through the SBIR program. The goal of this SBIR effort is to develop a cost-effective, efficient biological treatment system, a biotrickling filter, to treat air emissions of significance to the Navy. By providing a site to

demonstrate this technology, NAS North Island contributed to the development of an innovative SBIR technology.

BENEFITS

- Provides NELP access to a wide range of innovative technologies
- Distributes funds to worthy ideas that lack financial backing
- Encourages small businesses to explore their technological potential
- Fuels economic growth
- Encourages private and public resource support for the commercialization of military R&D projects

ACCOMPLISHMENTS

Date	Activity
JUN 1998	Partnered with SBIR to enable ENVIROGEN to demonstrate the biotrickling filter system at NAS North Island

CURRENT STATUS/FUTURE PLANS

Date	Activity
Ongoing	Continue to seek opportunities to partner with SBIR

COLLABORATION/TECHNOLOGY TRANSFER

The SBIR technology, the biotrickling filter, tested through NELP, may offer substantial overall cost savings compared to conventional technologies.

BIBLIOGRAPHY

- [SBA - SBIR Home Page](#)
[ONR - SBIR Home Page](#)

RELATED GOVERNMENT INTERNET SITES

[ONR - SBIR Home Page](#)
[Navy SBIR Home Page](#)
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