



SpringBoard

Maximizing Technology
Transfer Opportunities for DOD

DEPARTMENT OF DEFENSE PARTNERSHIP INTERMEDIARY

Multimillion-dollar projects offer opportunities for DoD technologies in the energy, mining, transportation, aerospace, environmental, and forest products industries. Maximizing the benefits of being in Alaska, the SpringBoard team creates technology transfer opportunities for Department of Defense laboratories and the private sector anywhere in the nation. Working with key national industrial sectors that have significant footprints in our region, we determine the current and developing innovation needs and discover collaborative technology transfer partnership opportunities.

TECHNOLOGY
TRANSFER

Environmental

SpringBoard's Focus on the **Environmental Sector**

- Alaska is at the forefront of climate change research
- Some of the 220 million acres of federal land in Alaska requires remediation technology
- Opportunities in emergency response, fish and wildlife population management, alternative energy, pollution prevention, air and water quality data collection, and solid waste management 100 companies and Native corporations providing environmental services



Environmental issues in Alaska crosscut many business-sector boundaries. Military technologies used to service and manage remote military bases are directly applicable to small rural Alaska villages.



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Environmental Sector Technology Needs

Environmental Regulation and Data Collection

- Sensors and monitors for air, water, soil analysis
- Water and soil remediation
- Pollution control and monitoring technologies
- Coastal erosion monitoring and prevention systems



Nome, Alaska

Solid Waste Systems

- Waste volume reduction machines and processes
- Waste-to-energy technologies
- Solid waste remediation and degradation technologies
- Waste transportation and disposal technologies and processes
- Remote monitoring of solid waste systems

Environmental System and Energy Management

- Project management software and integration systems
- Simulation systems
- Wildlife and fish monitoring systems
- Energy production and storage technologies
- Satellite imagery and environmental data collection



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