Pacific Northwest
NATIONAL LABORATORY

Proudly Operated by Battelle *Since 1965*

Pacific Northwest National Laboratory: Your Technology Innovation Partner

BRINGING INNOVATION TO MARKET

Compact discs

Airport scanners

Bio-oil from algae

Glyph™ headset

These are a few of the innovative products based on technology from PNNL and commercialized by industry partners over the years.

A COMPETITIVE EDGE FOR YOUR TECHNOLOGY-BASED BUSINESS

By coming to Pacific Northwest National Laboratory, businesses of all sizes tap into technology and expertise, much of it already developed through multi-year government investments. At PNNL, we have been moving technologies into the marketplace for 50 years. In fact, making our broad array of intellectual property and expertise available to businesses is part of our mission as a taxpayer-funded laboratory operated for the U.S. Department of Energy.

It's our job to stay on top of—and sometimes even invent—the "next big thing." By partnering with us, businesses gain valuable insights into emerging and new technological developments for competitive advantage.

WHAT WE OFFER BUSINESSES

- New technologies and other intellectual property available for licensing
- Collaborative development to transform technologies into customized products for your business
- Access to nationally and internationally known, entrepreneurial-minded staff who understand the fast-paced, solution-focused culture of industry
- Technology assistance at no cost, for qualifying businesses
- Connections to a vast entrepreneurial ecosystem for specialized expertise
- Access to the Environmental Molecular Sciences Laboratory, a DOE scientific user facility at PNNL

BUSINESS PARTNERS

From startups to Fortune 100 companies, we've partnered with hundreds of businesses, including:

Alcoa Inc. ... Alstom Grid ... Bruker Daltonics Inc.
Cisco Systems, Inc. ... Con-Agra Foods, Lamb-Weston, Inc.
Cray ... Cummins, Inc. ... General Motors, LLC
Genifuel Corporation ... IsoRay Medical
L-3 Security & Detection Systems ... PepsiCo
PerkinElmer ... Thermo Fisher Scientific
TWB Company, LLC ... UniEnergy Technologies ... Xerox®

WHY CHOOSE PNNL AS YOUR PARTNER

- More than 100 research and development collaborations with commercial partners in 2014
- Fifty years of deploying technologies
- 160+ businesses started with foundational technology or expertise from PNNL
- More than 1,150 technology assistance projects nationwide to date
- 78 national technology transfer awards, more than any other federal laboratory
- Ability to work across the entire development spectrum, from concept to testing to full-scale deployment
- Diverse technology areas (see "Portfolio Areas," right)
- Philosophy of building long-term, mutually beneficial relationships
- Discretionary internal "gap" funding to advance technology development
- Connections with investment capital sources
- Flexible collaboration mechanisms (see "Working with Us" below)

PORTFOLIO AREAS

Browse ***http://availabletechnologies.pnnl.gov*** to see available technologies, and personnel responsible for them, in:

- Analytical instruments
- Bio-based fuels and products
- Bioinformatics
- Biomaterials
- Biomedical technology
- Biotechnology
- Carbon capture and sequestration
- Catalysts
- Chemistry
- Coatings/thin films
- Electricity infrastructure
- Electronics
- Energy conservation and efficiency
- Energy storage
- Environmental systems
- Fossil energy
- Fuel cells
- Information technology
- Manufacturing
- Materials
- Microtechnology
- Radiochemical processing
- Sensors

Coming soon: A web portal for quickly and easily accessing software developed at PNNL.

WORKING WITH US

Direct Licensing of Existing Intellectual Property

- Patents and technologies available for licensing
- Copyrighted software and open-source tools

Cooperative Research and Development Agreement (CRADA)

- For funding research and development
- Cost-shared with the U.S. Department of Energy
- Option to exclusive rights to foreground intellectual property

Work for Others Agreement

- For funding research and development
- Qualifying businesses can own intellectual property
- Standard terms

Agreement for Commercializing Technology (ACT)

- For funding research and development
- Intellectual property is negotiated
- Flexible terms

Business Resources

- Free technology assistance
- Free technology and business mentoring
- Partnering on Small Business Innovation Research (SBIR) projects

User Facilities Agreement

- Environmental Molecular Sciences Laboratory (A DOE scientific user facility)

Pacific Northwest NATIONAL LABORATORY

Proudly Operated by Battelle Since 1965

U.S. DEPARTMENT OF ENERGY

To connect with the right person, contact:
Peter Christensen
Manager, Technology Commercialization
Pacific Northwest National laboratory
Peter.christensen@pnnl.gov | 509.371.6159
www.pnnl.gov/business