

Pacific Northwest National Laboratory

DOE EPSCoR Meeting
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Pacific Northwest
NATIONAL LABORATORY

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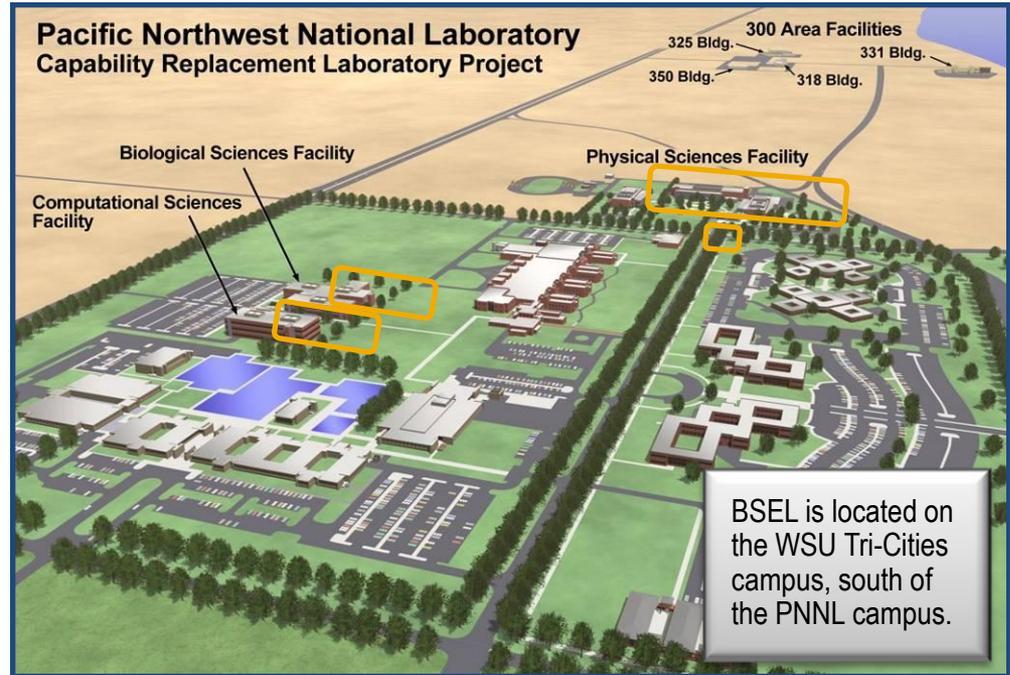
PNNL: A National Treasure in the Northwest

We deliver solutions to America's most intractable problems in energy, national security and the environment. Through the power of our interdisciplinary teams, we advance science and technology to make the world a better place.

- ▶ Proudly operated by Battelle since 1965
- ▶ More than 4,500 staff
- ▶ Unique capabilities
- ▶ Mission-driven collaborations with government, industry and universities



Continuing a legacy of world-leading science and technology through cutting-edge research facilities



Today

2011

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Battelle at a glance

A leader in
technology
development and
lab management

- ▶ \$4 billion total revenue
- ▶ 20,400 staff (includes labs)
- ▶ 30+ scientific user facilities
- ▶ Solving critical challenges
 - energy, environment and climate
 - health and life sciences
 - national and global security

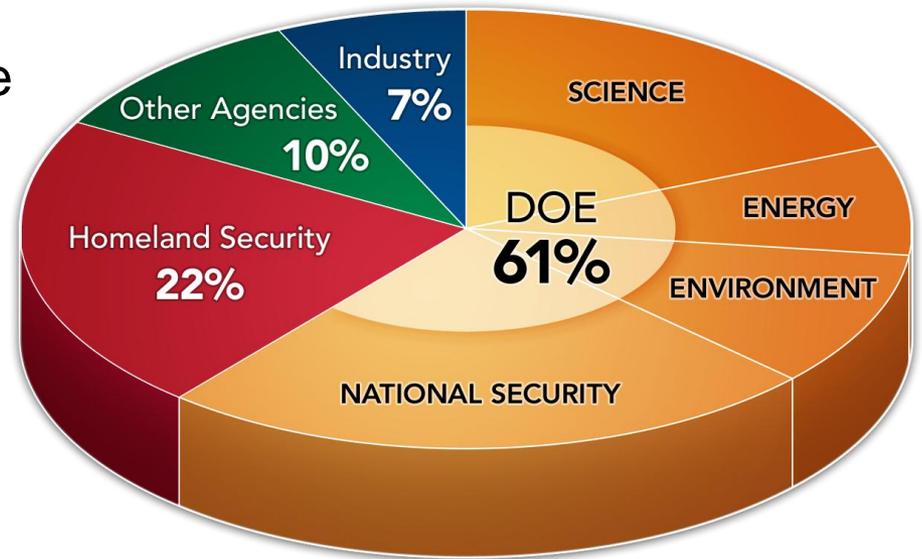



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Our customers count on our expertise to help them define the future

- ▶ \$1.1 billion in 2008 sales
- ▶ 61% of annual business volume is in support of DOE missions
 - Fundamental Science
 - Energy
 - Environment
 - National Security
- ▶ Mission-driven collaborations with industry and universities advance fields



We are advancing science and technology to make the world a better place

Mission Outcome

Strengthen U.S. scientific foundations for innovation

Increase U.S. energy capacity and reduce dependence on imported oil

Prevent and counter acts of terrorism and the proliferation of weapons of mass destruction

Reduce environmental effects of human activity and create sustainable systems

Examples

➔ Controlling molecular processes for energy and environmental issues atom-by-atom

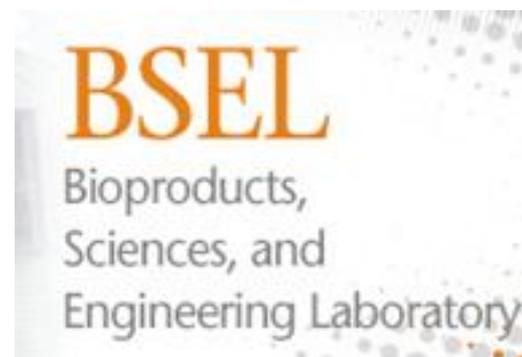
➔ Advancing biomass conversion to infrastructure-ready fuels

➔ Detecting nuclear and radiological materials at borders and ports

➔ Predicting and mitigating the impact of energy development and climate change



Some Key University Collaborations



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Environmental Molecular Sciences Laboratory – a national scientific user facility



Scientific Innovation Through Integration

