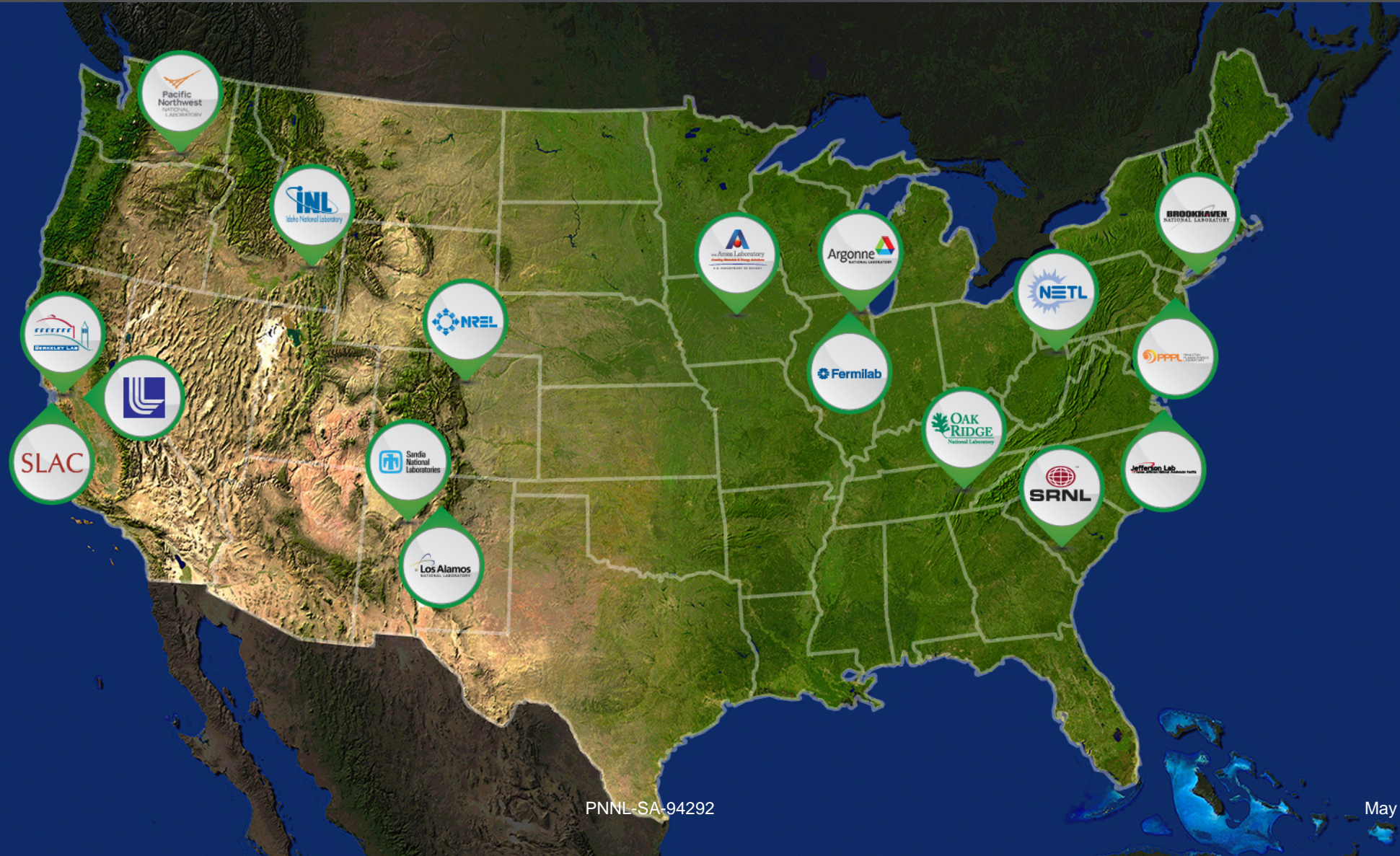


Economics of PNNL

HANFORD SMALL BUSINESS COUNCIL
BRIDGING PARTNERSHIPS SMALL BUSINESS SYMPOSIUM

Janie Treadway, Business Services
Pacific Northwest National Laboratory
April 19, 2018

The National Laboratory System



We
TRANSFORM
THE WORLD
through
courageous
DISCOVERY
and
INNOVATION.

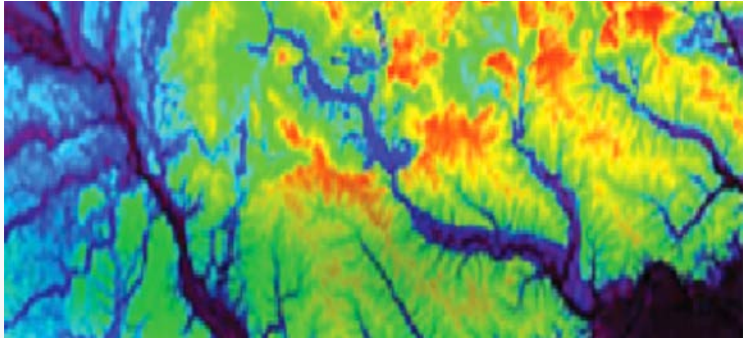
- ▶ Operated by Battelle since 1965
- ▶ Unique S&T capabilities
- ▶ Mission-driven collaborations with government, industry and academia



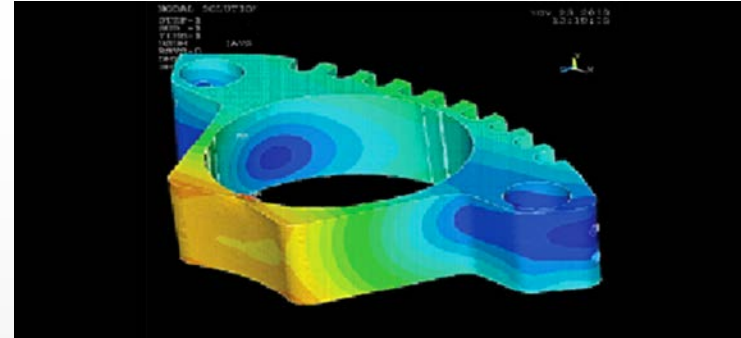
\$203M
in FY17

Science mission:

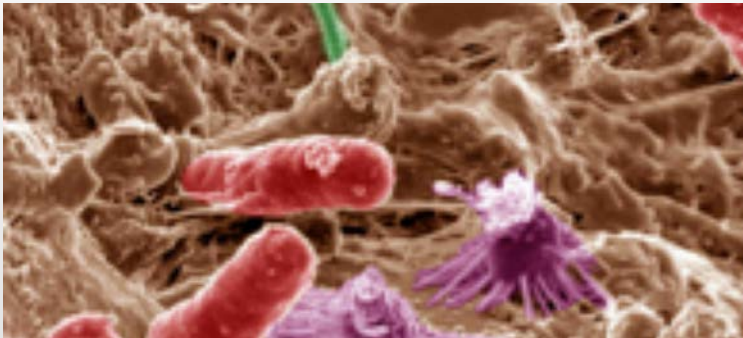
Advancing scientific frontiers and providing leadership



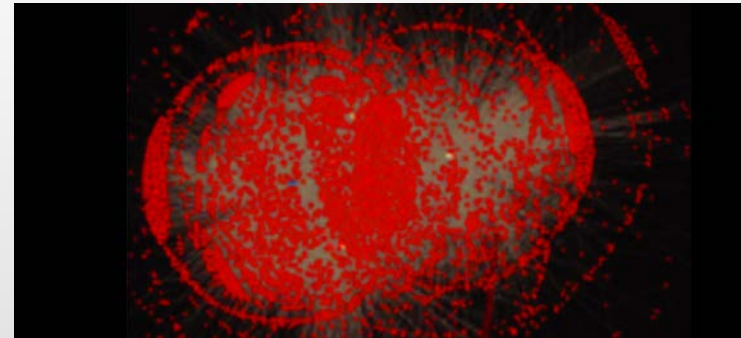
**Climate and
Earth Systems
Science**



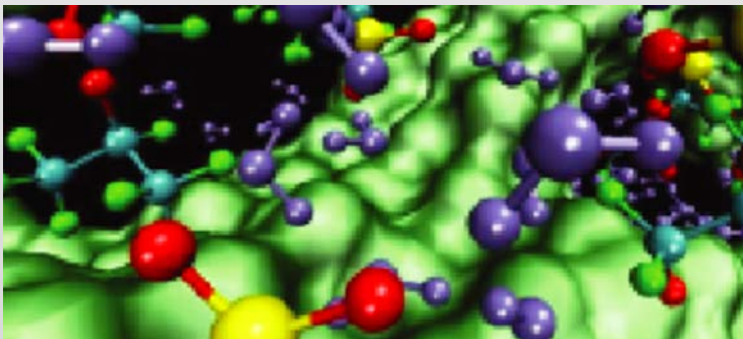
**Nuclear and
Particle Physics**



**Biological
Systems
Science**



**Advanced
Computing**



**Chemical
and Materials
Sciences**



**DOE User
Facilities
(EMSL, ARM)**

\$557M
in FY17

National Security mission: *Preventing and countering terrorism and proliferation*



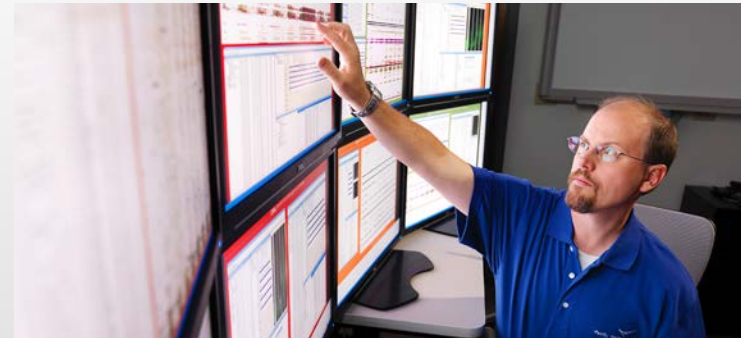
**Non-
proliferation**



**Explosives
Detection**



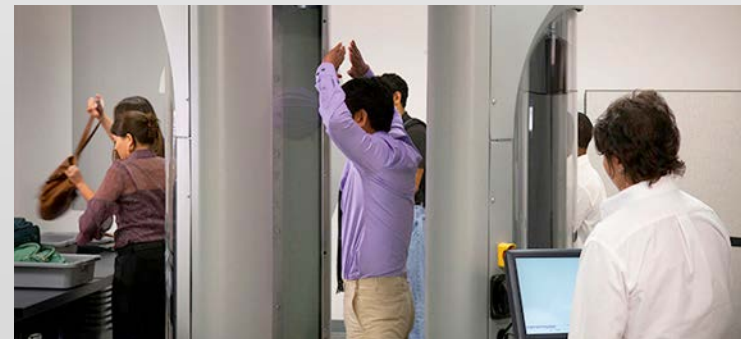
**Rad/Nuc
Monitoring
& Detection**



**Cyber
Situational
Awareness**



Chem/Bio



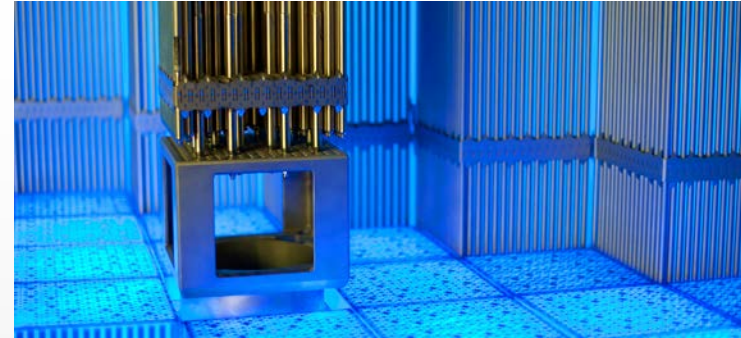
**Systems
Engineering
& Deployment**

\$224M
in FY17

Energy and Environment mission: *Innovations for a cleaner energy future*



**Grid and
Electricity
Infrastructure**



**Nuclear
Energy**



**Energy
Efficiency
and Renewable
Energy**



**Nuclear
Regulatory**



**Clean Fossil
Energy**



**Environmental
Health and
Remediation**

PNNL is an Economic Engine for Washington State

Known for addressing many of America's most pressing issues in science, energy, the environment, and national security, we also deliver significant economic impact in the form of funding and spending, spinoff companies, educational support, and charitable contributions. We believe in the power of science and technology institutions and embrace our role to help sustain vibrant, educated communities.



PNNL is an Economic Engine



4,500
Employees



221
Inventions



\$1.46B
Total Economic
Output



\$987M
Annual Spending



64
Patents



7,100
Jobs Generated
in WA



\$456M
Total Payroll



37
Licenses



96
Companies
with PNNL Roots

Questions?

Janie Treadway

Business Manager, National Security

(509) 371-7585

janie.treadway@pnnl.gov