



**Pacific
Northwest**
NATIONAL LABORATORY

TRIDEC Economic Impact Forum

DATE:
April 1, 2019

PRESENTER:

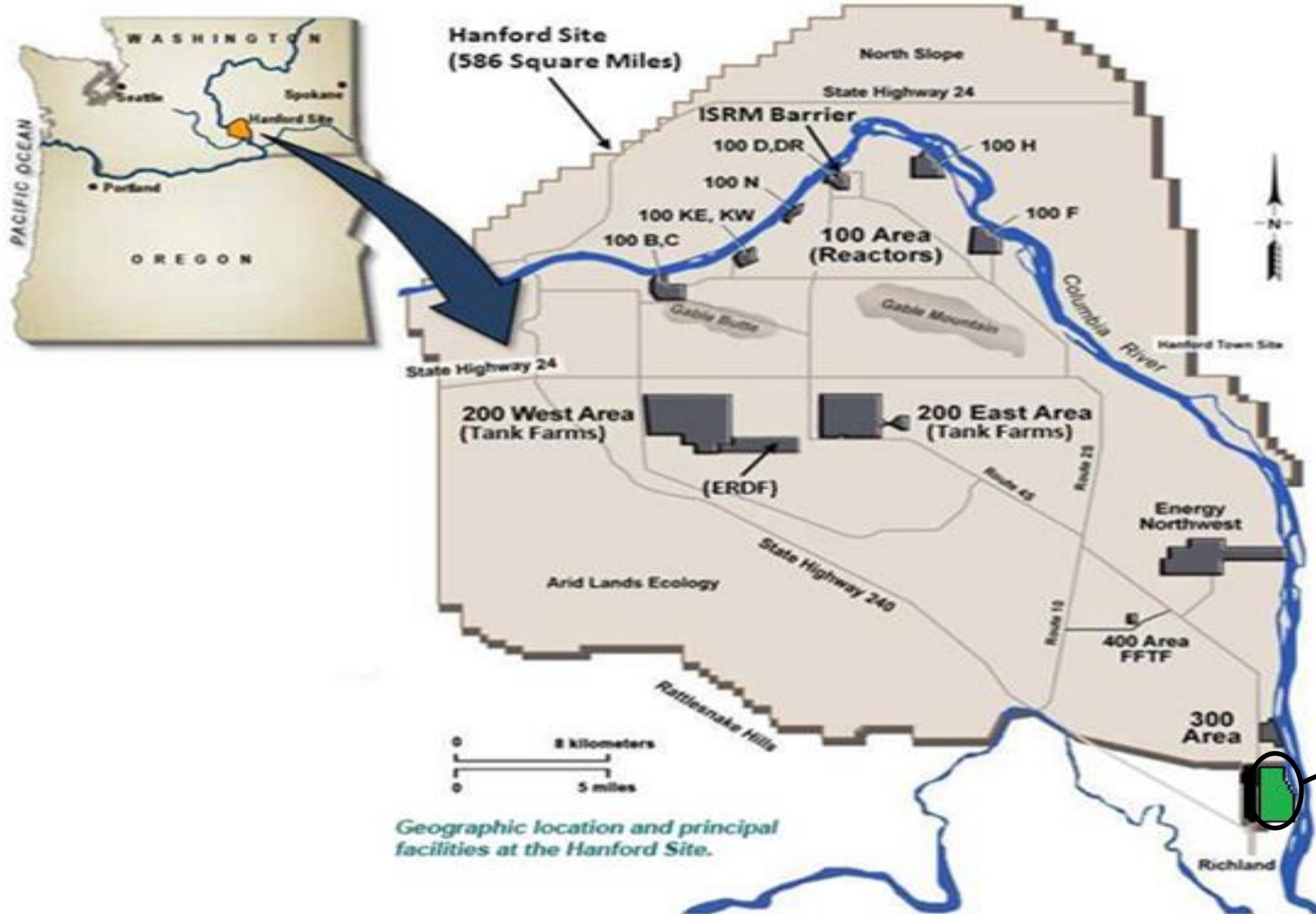
BATTELLE

U.S. DEPARTMENT OF
ENERGY

PNNL is operated by Battelle for the U.S. Department of Energy

PNNL-SA-XXXXX

Three Offices Three Missions



- Hanford Site
- HAMMER



- Waste Treatment Plant
- Tank Waste

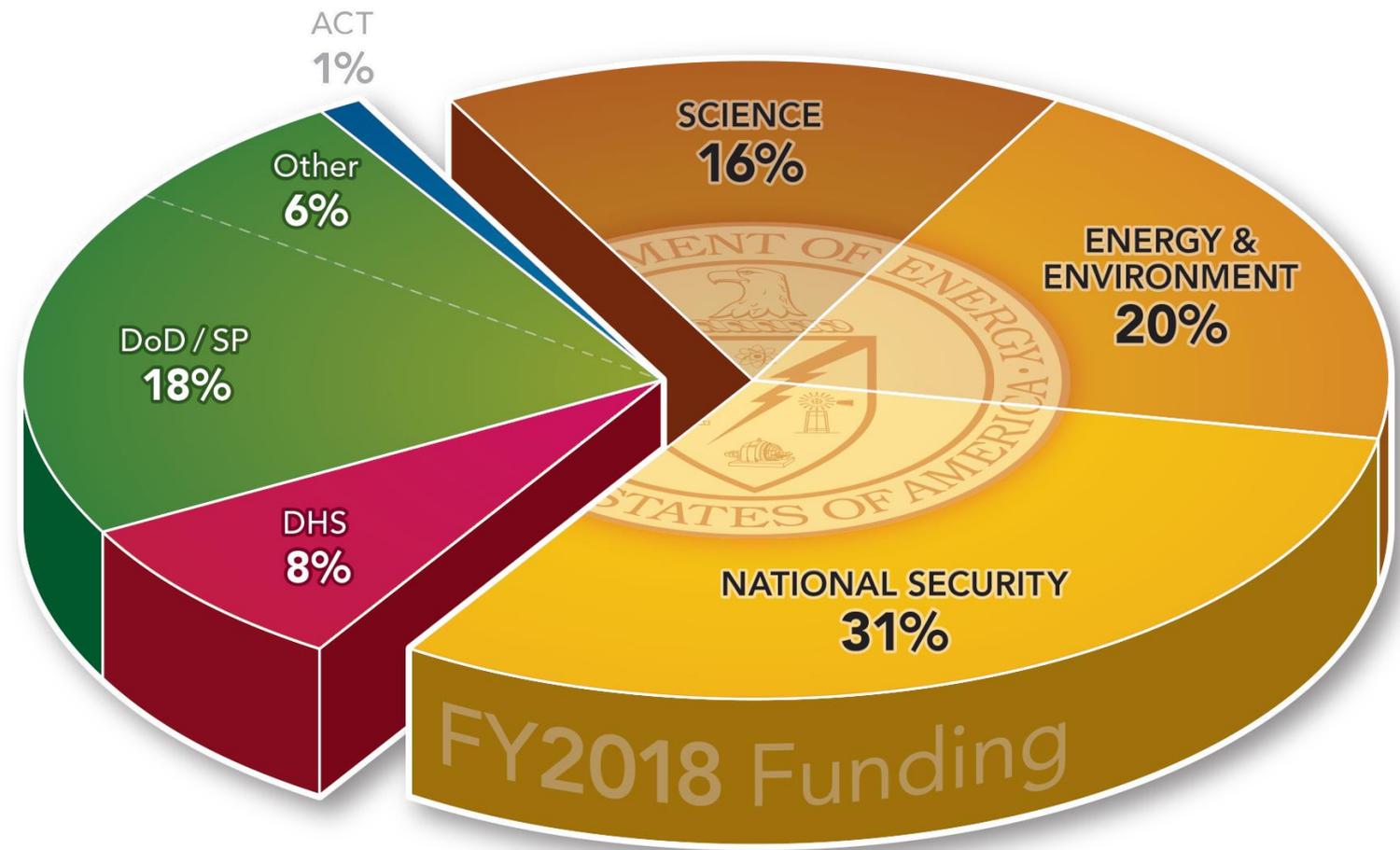
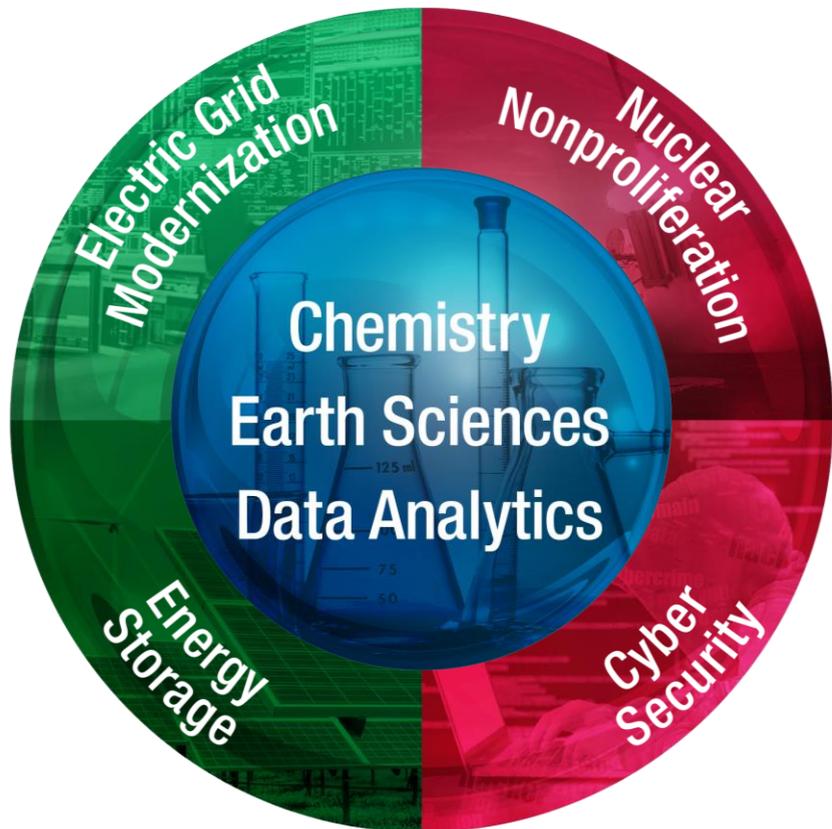


- PNNL



PNNL is a **diverse, multi-program** national laboratory

(FY18 data)



~4,400
Staff



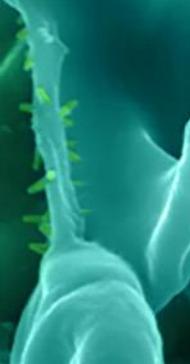
1,124
Peer-reviewed
Publications



99
U.S. & Foreign
Patents



\$960M
Budget



We **transition our technology** to industry



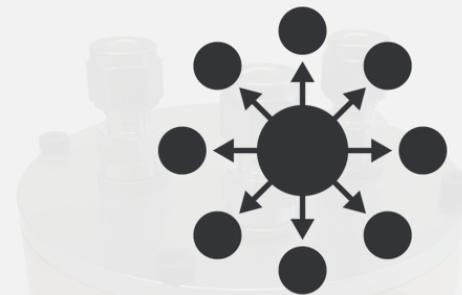
5

R&D100 and FLC
Awards in 2018



99

U.S. and International
Patents in 2018



43

Licenses and Options
in 2017

Average
ONE
INVENTION
per 2 days

Average
ONE
PATENT
per week

187
BUSINESSES
with PNNL
roots



We Help **Stimulate The Local Economy**

10,673

PNNL Flights Out of PSC

\$350M

Domestic purchased goods and services (\$82.5M in WA)

5,234

Out of Town Visitors

+150

Positions to be filled to reach FY19 Target

\$4.6M

Estimated Tourism Expenditures

\$820K

STEM & Philanthropic contributions

30,500

Estimated Total Visitor Days



We have launched **five new joint institutes** in the past year

W
UNIVERSITY of
WASHINGTON

NW-IMPACT
*Northwest Institute for Materials Physics,
Chemistry, and Technology*

OREGON
HEALTH
& SCIENCE
UNIVERSITY

PMedIC
*Precision Medicine Innovation
Co-Laboratory*

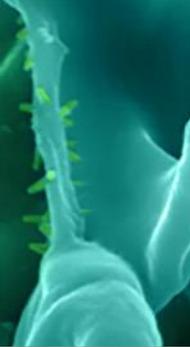
WASHINGTON STATE
UNIVERSITY

Nuclear Science & Technology
Bioproducts
Advanced Power Grid

Advanced
Power Grid

JGCRI





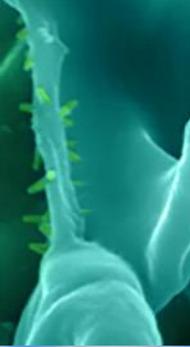
Pacific
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NATIONAL LABORATORY

Creating a modern, collaborative campus



PNNL has **distinctive people, equipment, & facilities** that enable leading edge S&T





Pacific Northwest
NATIONAL LABORATORY

Investing in Richland, 2014-2019



General Purpose Chemistry Laboratory



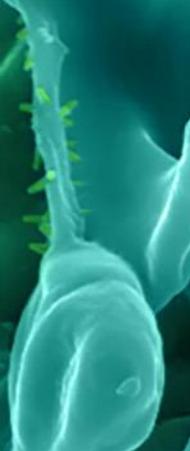
Engineering & Analysis Building



Systems Engineering Building



Discovery Hall



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Making Way for the Future

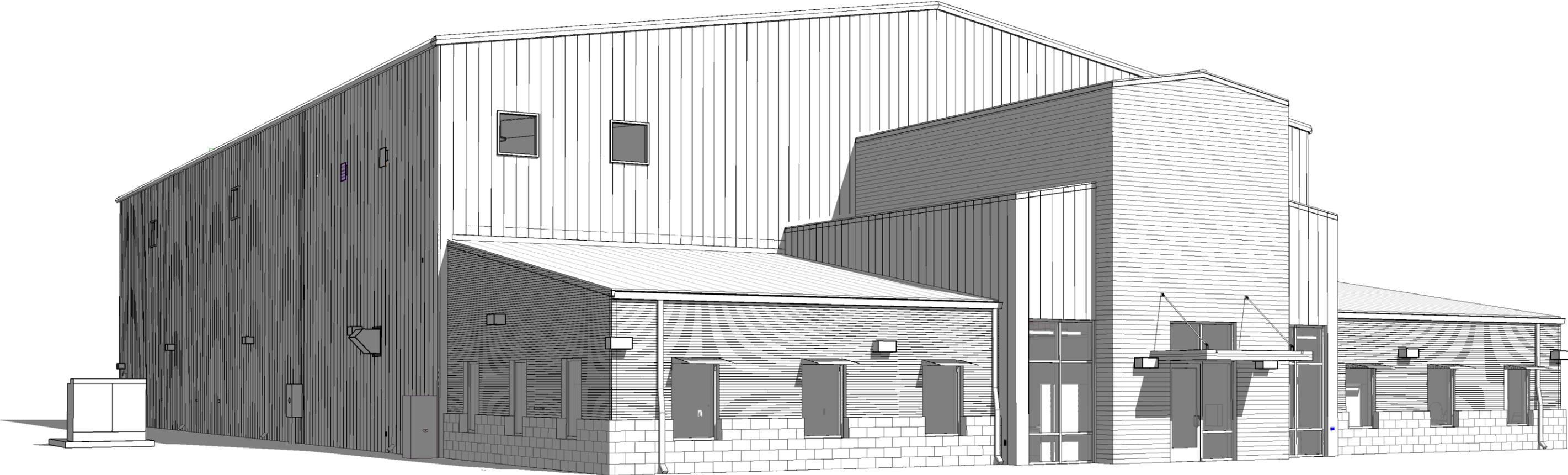


RTL Demo



ESB Demo

**G-1 Replacement Project and Port of Pasco Hanger
Construction – Hanger Complete Late Summer 2019**





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Advancing the Energy Sciences Capability project

