

Pacific Northwest
NATIONAL LABORATORY

Proudly Operated by **Battelle** Since 1965

The Northwest at the Forefront of Innovation



Pacific NorthWest
Economic Region

Pacific NorthWest Economic Region Annual Summit

Dr. Steven Ashby
Laboratory Director
Pacific Northwest National Laboratory

July 24, 2017

DISCOVERY
in Action

The U.S. Department of Energy National Laboratory System





\$14B

Annual Funding



11,000

Peer-reviewed Publications
(Annually)



57,000

Research & Support Staff



5,860

Active Licenses
(Cumulative)



Pacific Northwest National Laboratory



4,400
Employees



\$920M
Budget



1,058
Publications



204
Inventions



104
Patents



Scientific Discovery



Energy Independence

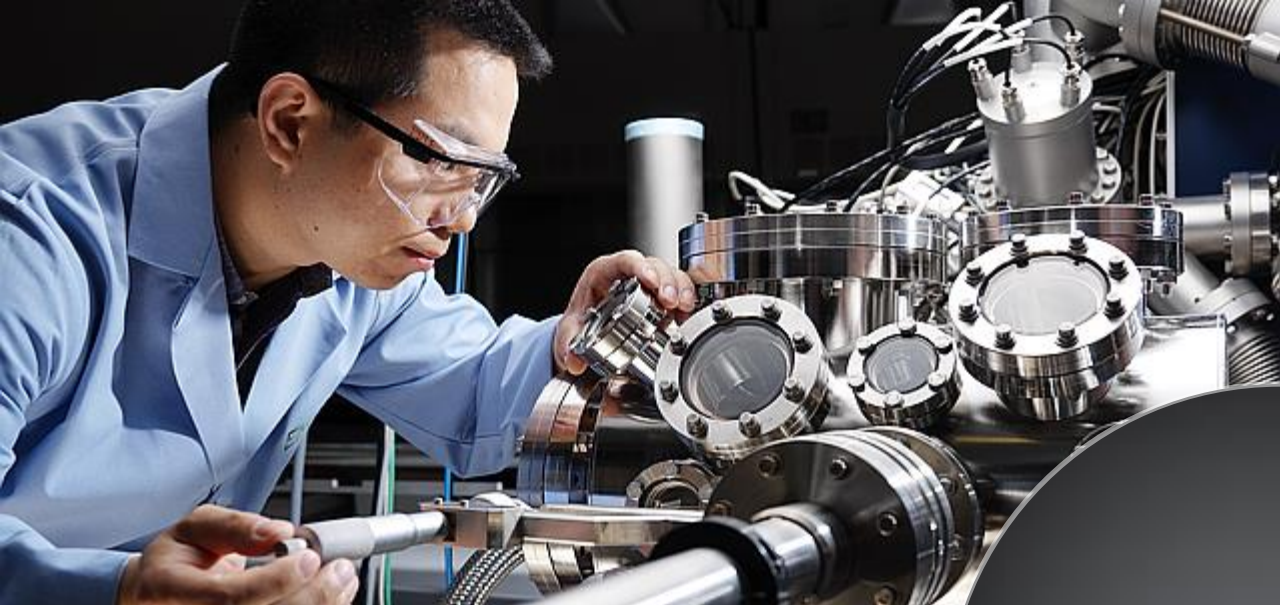


National Security

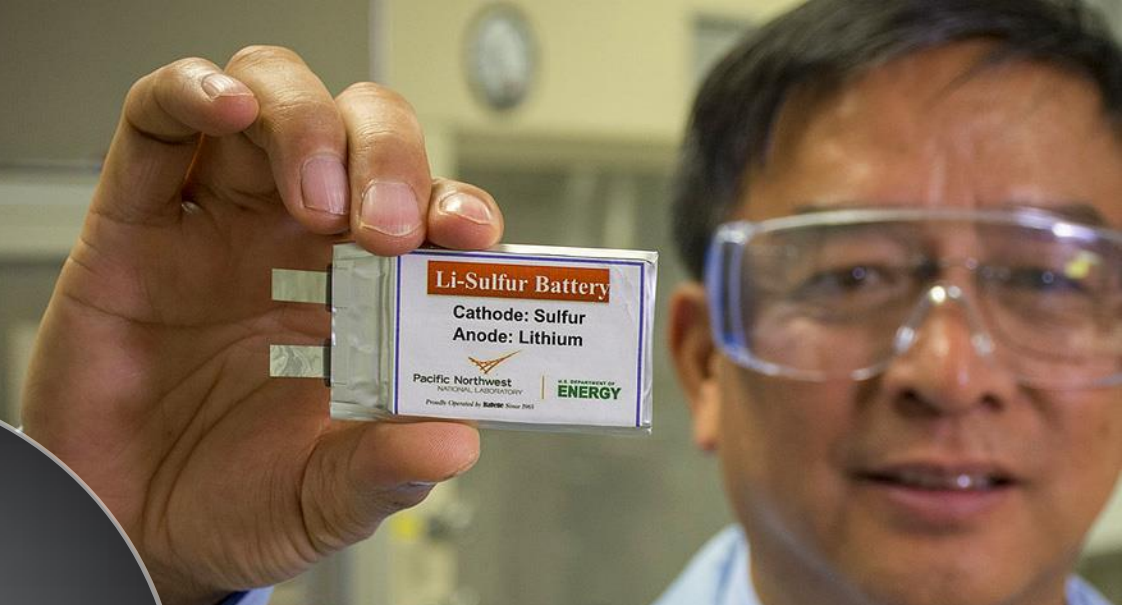


Environmental Management

Addressing
**NATIONAL
NEEDS**



Mass Spectrometry



Energy Storage

Driving
INNOVATION



Detection Technology



Advanced Materials



Licensing and Spinoffs



State-funded Collaborations

Ready to
PARTNER



CLEAN ENERGY
SMART
MANUFACTURING
INNOVATION INSTITUTE™

Public-Private Partnerships



Small Business Vouchers

The National R&D Ecosystem



NORTHWEST

Route 128 Corridor

Silicon Valley

Research Triangle Park

Austin



Water

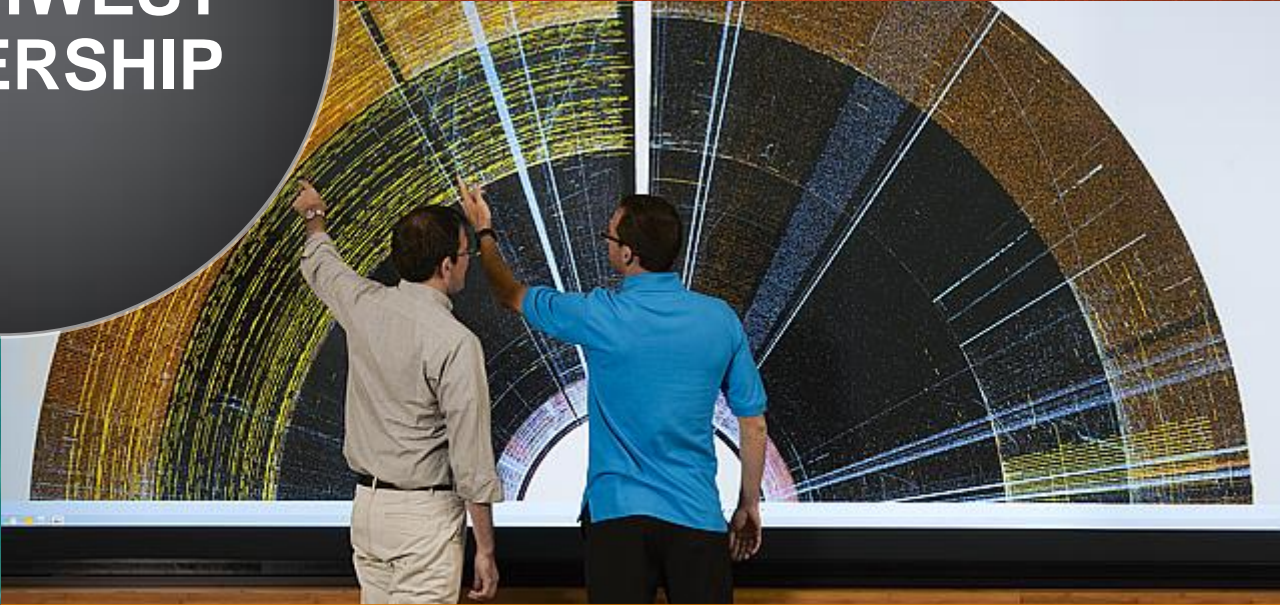


Energy

Opportunities for
**NORTHWEST
LEADERSHIP**



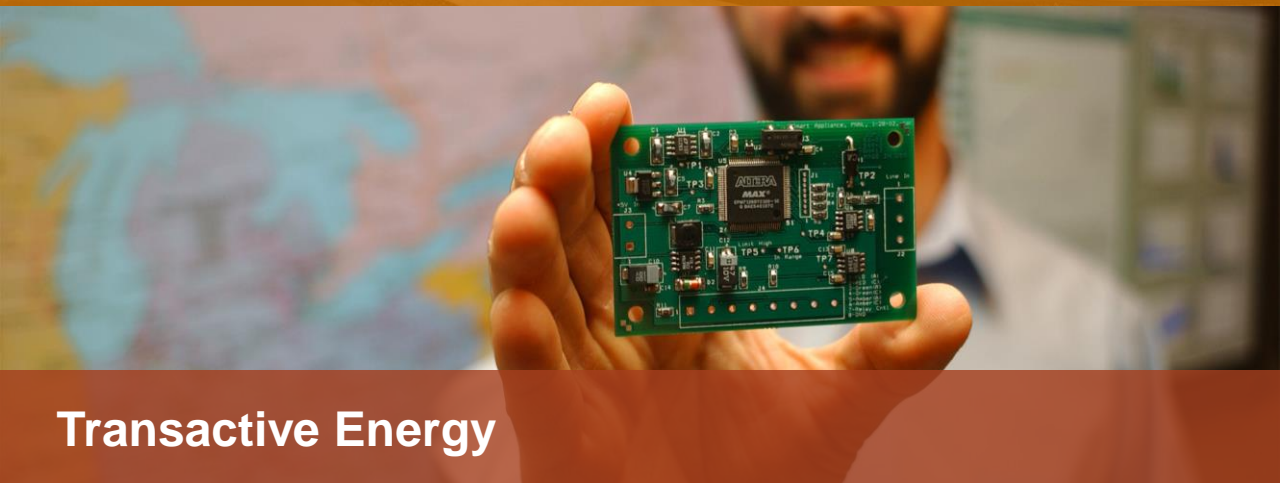
Health



Cybersecurity



Grid-scale Energy Storage



Transactive Energy



Cyber Security

Harnessing Northwest Capabilities for Economic Competitiveness





Pacific Northwest
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*Pacific NorthWest
Economic Region*