



U.S. DEPARTMENT OF
ENERGY

SRNL: A Catalyst for the Future

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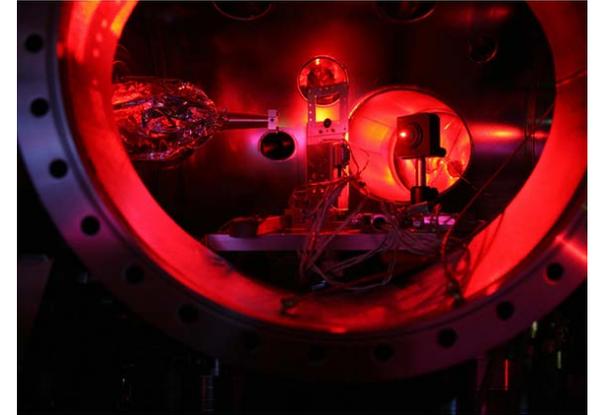


Savannah River Site Information Pod

Beaufort High School, Beaufort, S.C.
September 22, 2014

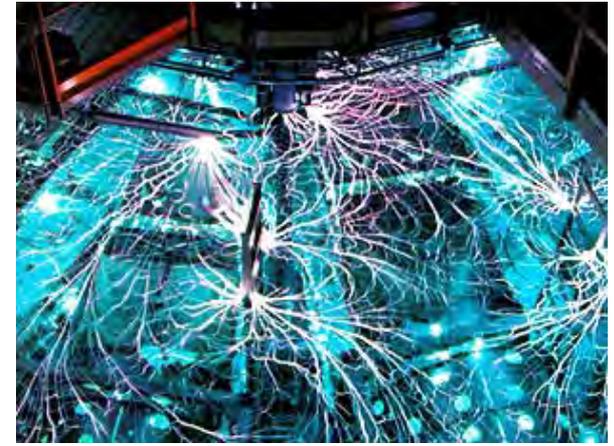
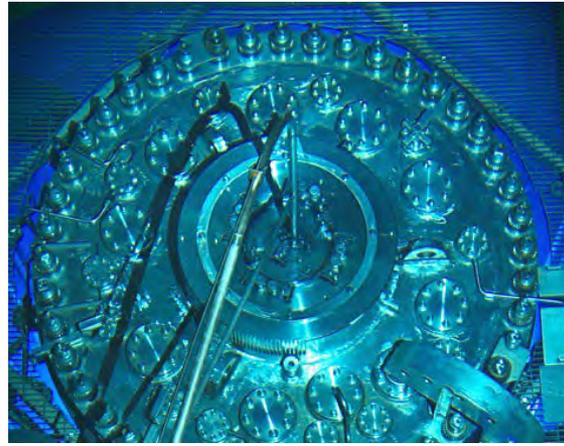
What is a National Lab?

- Single purpose facilities
- Smaller staff size
- Budget range of \$30 million and up



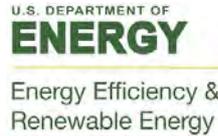
What is a National Lab?

- Multi-program “MegaLabs”
- Annual budgets \$1 billion and up
- Regional economic engines



SRNL: A Multi-Program Lab Supporting National Needs

The value of SRNL is measured every day by the investments of its federal clients and private sector partners.



**United Technologies
Research Center**

SRNL is Critical to DOE Success and has a Worldwide Reputation



Strategic partner at other DOE Sites



Over \$5 billion in projected savings in past five years



Fukushima support



Technical underpinning for SRS missions



In National Security, Our Reach Extends Far Beyond SRS



■ Port Security



■ Tritium Expertise

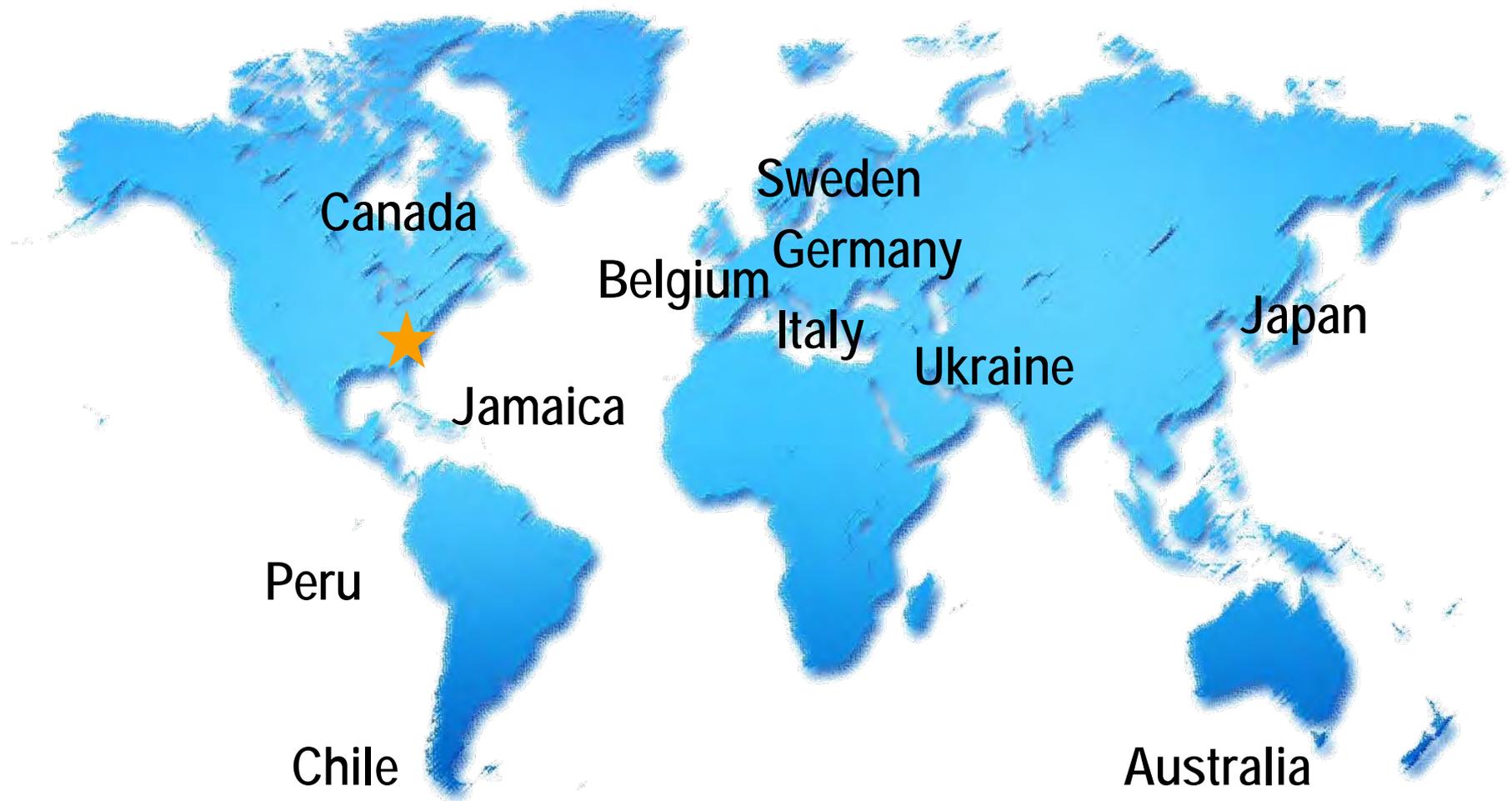


■ FBI Laboratory



■ Nuclear Security – Mobile Plutonium Facility

SRNL is Essential to U.S. Nuclear Security Objectives



SRNL Contributes to Regional Clean Energy Initiatives



Hydrogen Research



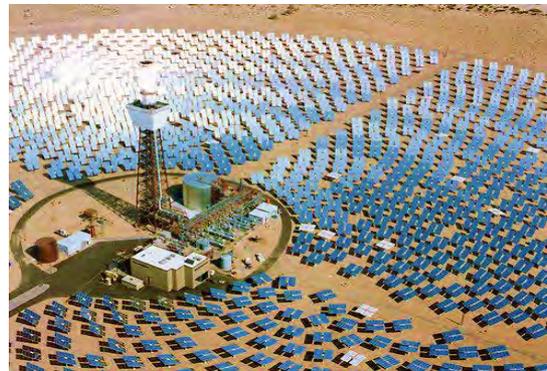
Safe Nuclear Fuel



Wind Energy

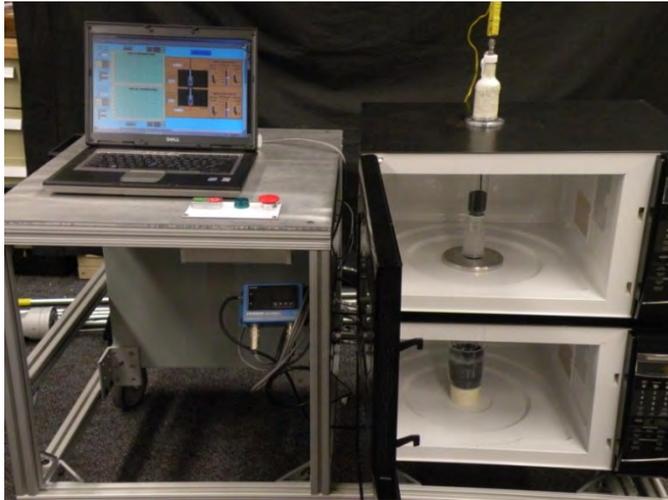


Natural Gas



Solar Research

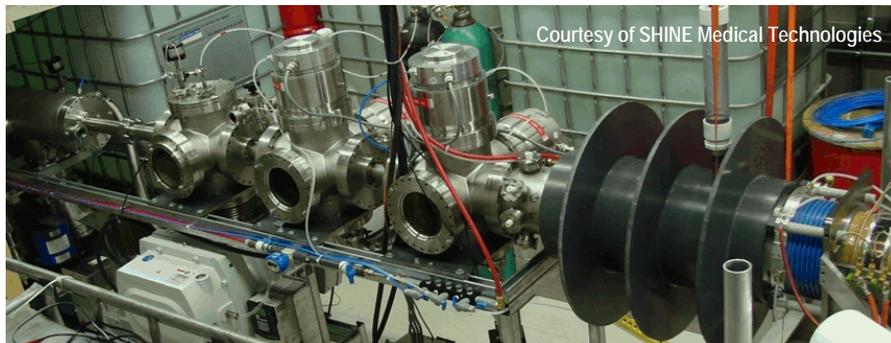
SRNL Innovation Can Be an Economic Engine for Region



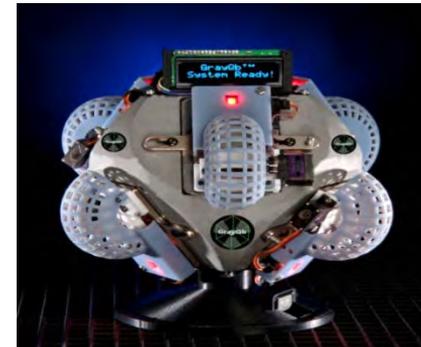
Hybrid Microwave System



SoundAnchor™



Medical Isotope Production



GrayQb™

SRNL is a Catalyst for Future SRS Missions

- National priorities will evolve and change.
- Fixed-purpose plants lack the flexibility to adapt to changing priorities.
- National Laboratories lead change.

SRNL can expand the aperture of SRS and South Carolina.



Cold War Production



Environmental
Restoration



Nuclear Security

The Future