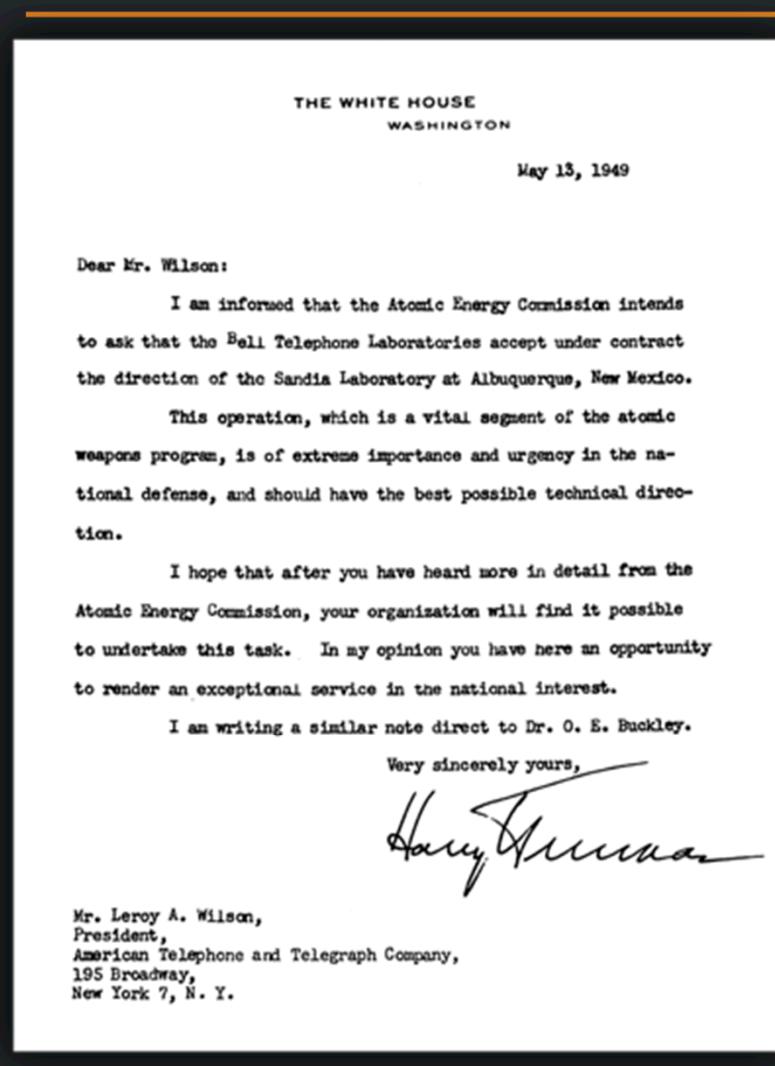




Partnering with Sandia National Laboratories



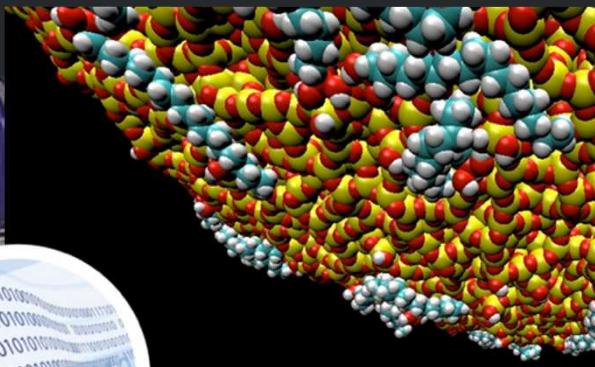
Sandia's History



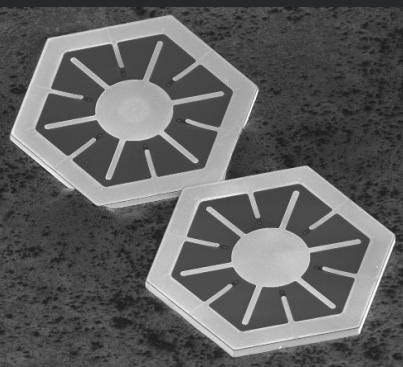
Strong Research Connections Enable Energy Mission



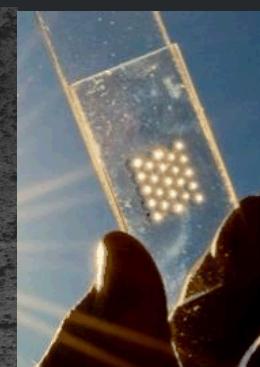
Computing and
Information Sciences



Materials
Science



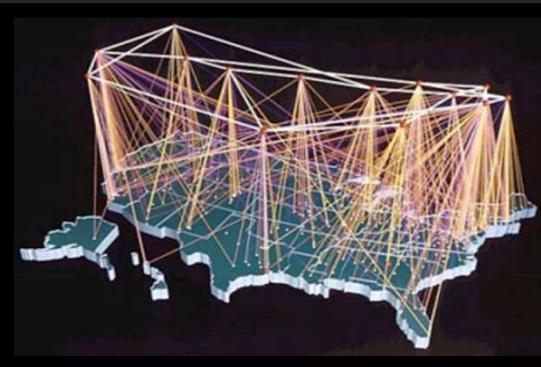
Nanodevices and
Microsystems



Power on Demand



Cyber Resiliency



Resiliency in Complex Systems

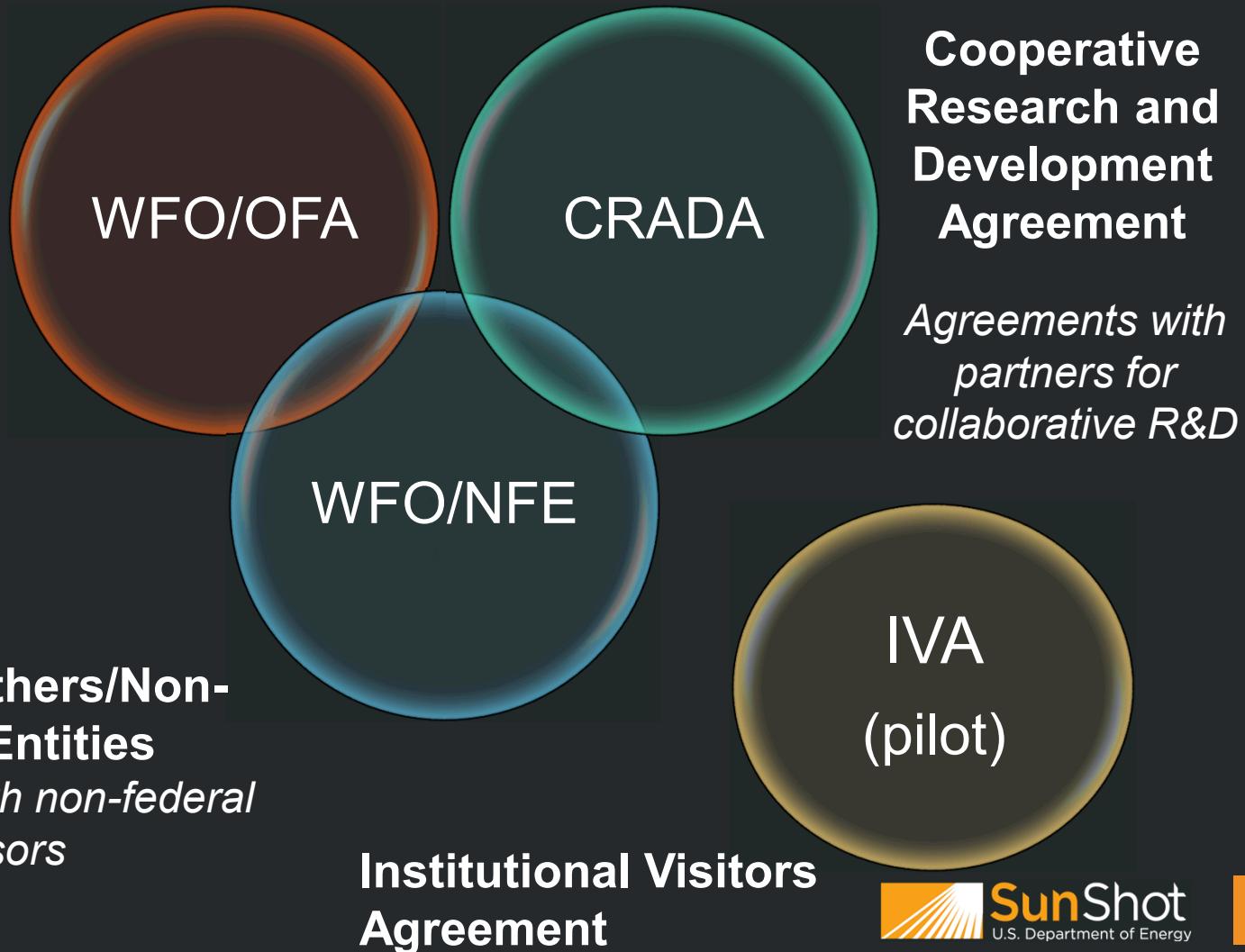
Work For Others and Collaborative Agreements

Work For Others/ Other Federal Agencies

*Interagency
Agreements
with Federal
Agencies Only*

Work For Others/Non- Federal Entities

*Agreements with non-federal
sponsors*



Specialized Work for Others



Distributed Energy Technology Laboratory (DETL)

Technology Deployment Centers

DOE facilities available for use by the scientific community.

- *National Solar Thermal Test Facility (NSTTF)*
- *Distributed Energy Technology Laboratory (DETL)*
- *Photovoltaic System Evaluation Laboratory (PSEL)*
- *Microsystems and Engineering Sciences Applications (MESA) Complex*



National Solar Thermal Test Facility (NSTTF)

Designated Capability Agreements

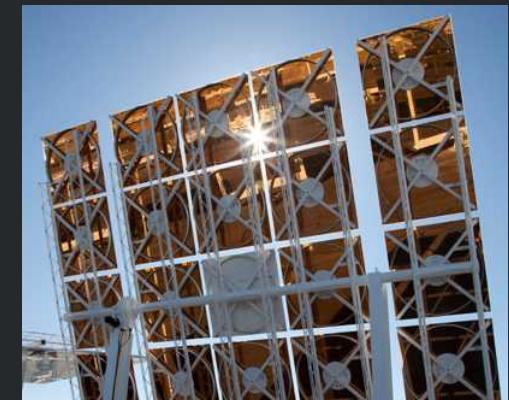
Capability-specific statement of work that can be applied to various partners.

- *National Solar Thermal Test Capabilities*
- *Microelectronics and Microsystems*

Licensing

IP is available for licenses in several areas:

- Mirror Alignment, Characterization and Tracking
- Glare Analysis
- Tracking Sensors
- Concentrating Solar Receivers
- PV Health Monitoring



Funding Opportunity Announcement Partnerships

Sandia capabilities can enable success on federal, state, and other funding opportunities



Sandia's High Temperature Falling Particle Receiver funded by an EERE FOA award. Project team included university and industry partners.



Sandia is providing time-synchronized PV output and corresponding forecasting for EPRI as part of an EERE FOA award.

Why Partner?



- Transform government investment into improved products, new companies, and industry innovation.
 - E.g. Solar Glare Hazard Analysis Tool
- Give you access to specialized expertise and technology meet your research needs.
 - E.g. Solar Energy Research Institute for India and the United States
- Help you stay competitive by commercializing new technologies.
 - E.g. Microscale photovoltaics



Sandia continually seeks opportunities to collaborate with industry to advance technology

Federal Business Opportunities Website

<https://www.fbo.gov/>

DOE Energy Efficiency & Renewable Energy Portal

<https://techportal.eere.energy.gov/>

Currently collaborative partnership opportunities:

- Advance microscale photovoltaic cell technology (solicitation Number 14_409)
- Research, Development, and Demonstration of Solar Thermal Technologies and Systems (solicitation Number 14_408)

For more information visit <https://www.fbo.gov/>

