

Sharing the Benefits of Federal R&D Investments with the Private Sector



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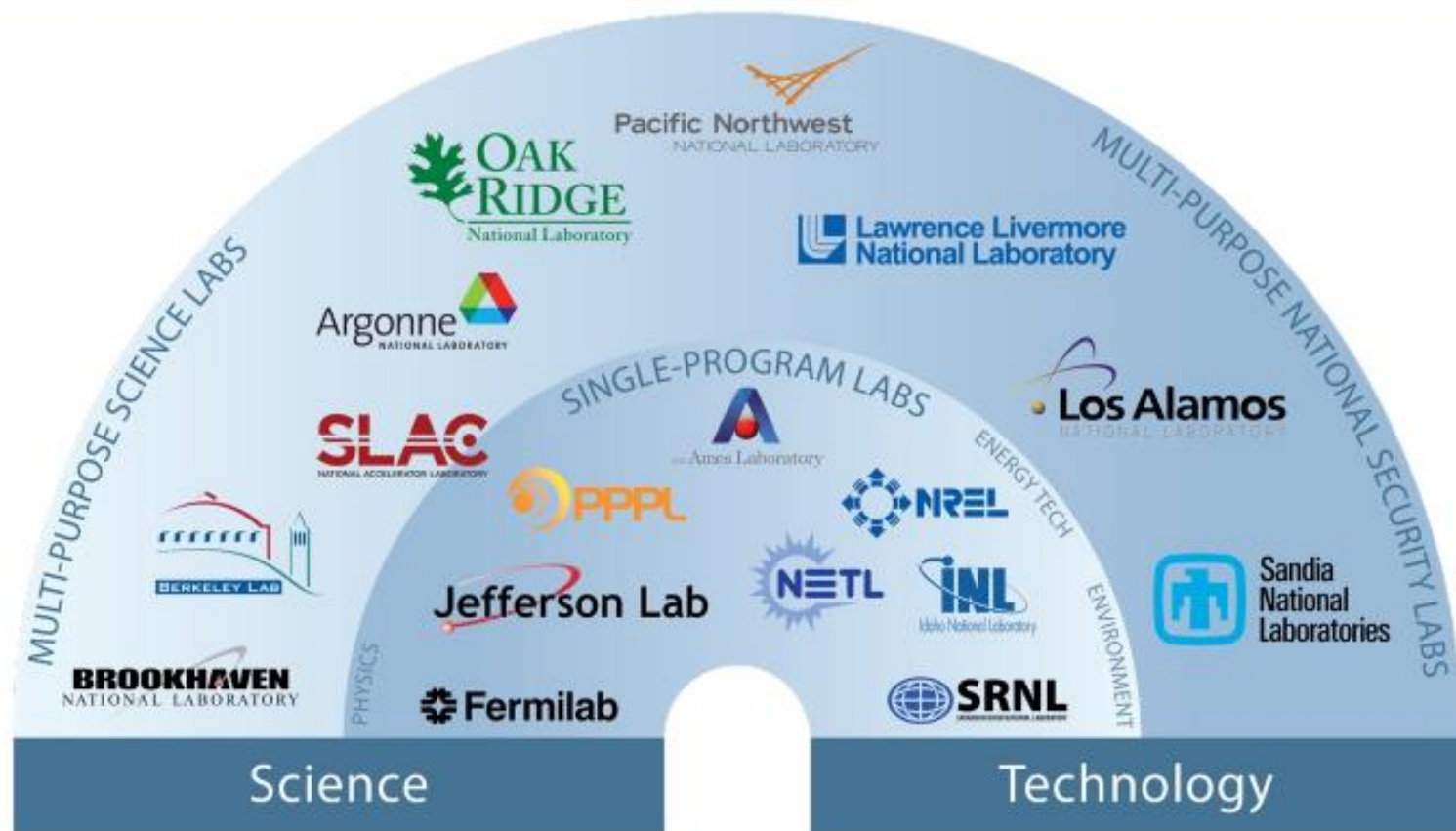


Technology Transfer is a Lab Mission

"Technology Transfer is the process by which existing knowledge, facilities, or capabilities developed under federal R&D funding are utilized to fulfill public and private needs."

- Enhance **agency mission capabilities**
- Increase **return on R&D** investment
- Support **economic growth & development**
- Enhance **U. S. competitiveness**

LLNL is one of 17 Department of Energy national laboratories



LLNL cannot compete with private industry, but private industry can . . .

- Use LLNL's unique capabilities
- Collaborate with LLNL in work complementary to its DOE mission
- License LLNL-developed patents to commercialize the technology

All LLNL work is subject to DOE Approval

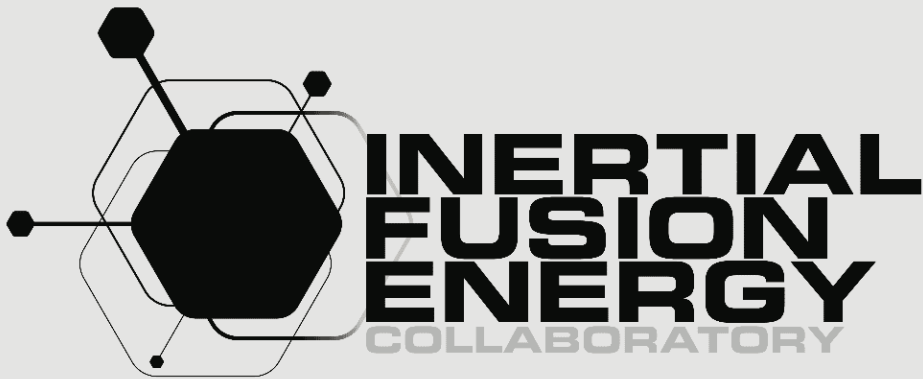
Principles of Commercial Licensing

- The **Licensee** is solely responsible for commercializing the technology
- Standard grant of IP rights only
 - No technical assistance or any obligation to provide know-how or improvements
 - Any technical assistance in separate agreement (SPP or CRADA) subject to DOE approval
- Non-Exclusive License to the U.S. Government
- Substantial U.S. Manufacture
- March-In Rights
- Indemnification – *LLNL has no litigation budget!*

Collaborations: Advanced Manufacturing Laboratory (AML)



<https://engineering.llnl.gov/collaboration/aml>



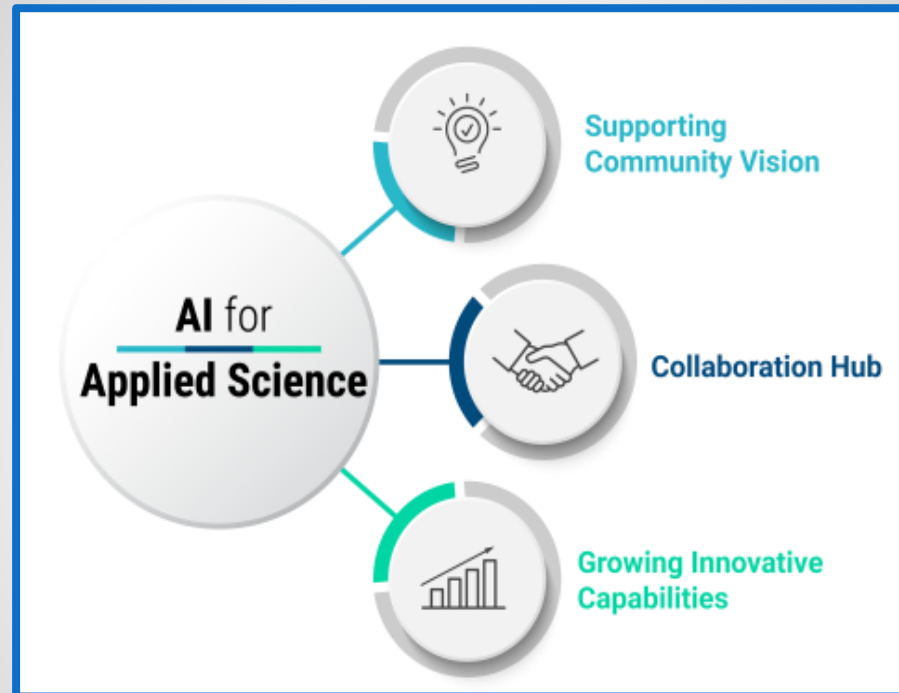
Public-Private Partnerships (PPP)

Established to facilitate PPPs to make available the extensive capabilities, expertise, and knowledge developed over decades in FFRDCs.

DOE recognizes the critical role PPPs play in commercialization of IFE.

<https://events.bizzabo.com/RFI-IFE/>

Artificial Intelligence Innovation Incubator



<https://data-science.llnl.gov/ai3>