

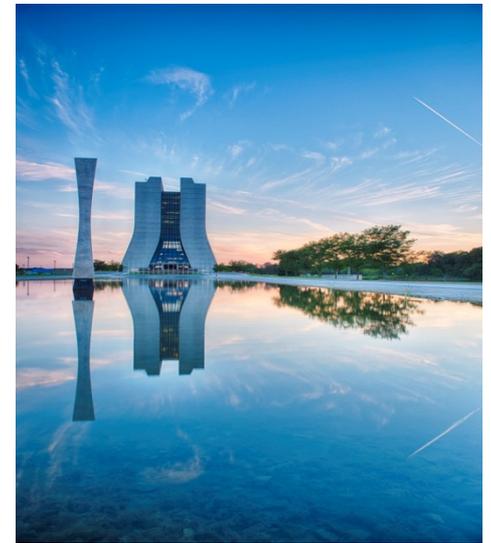


U.S. DEPARTMENT OF
ENERGY

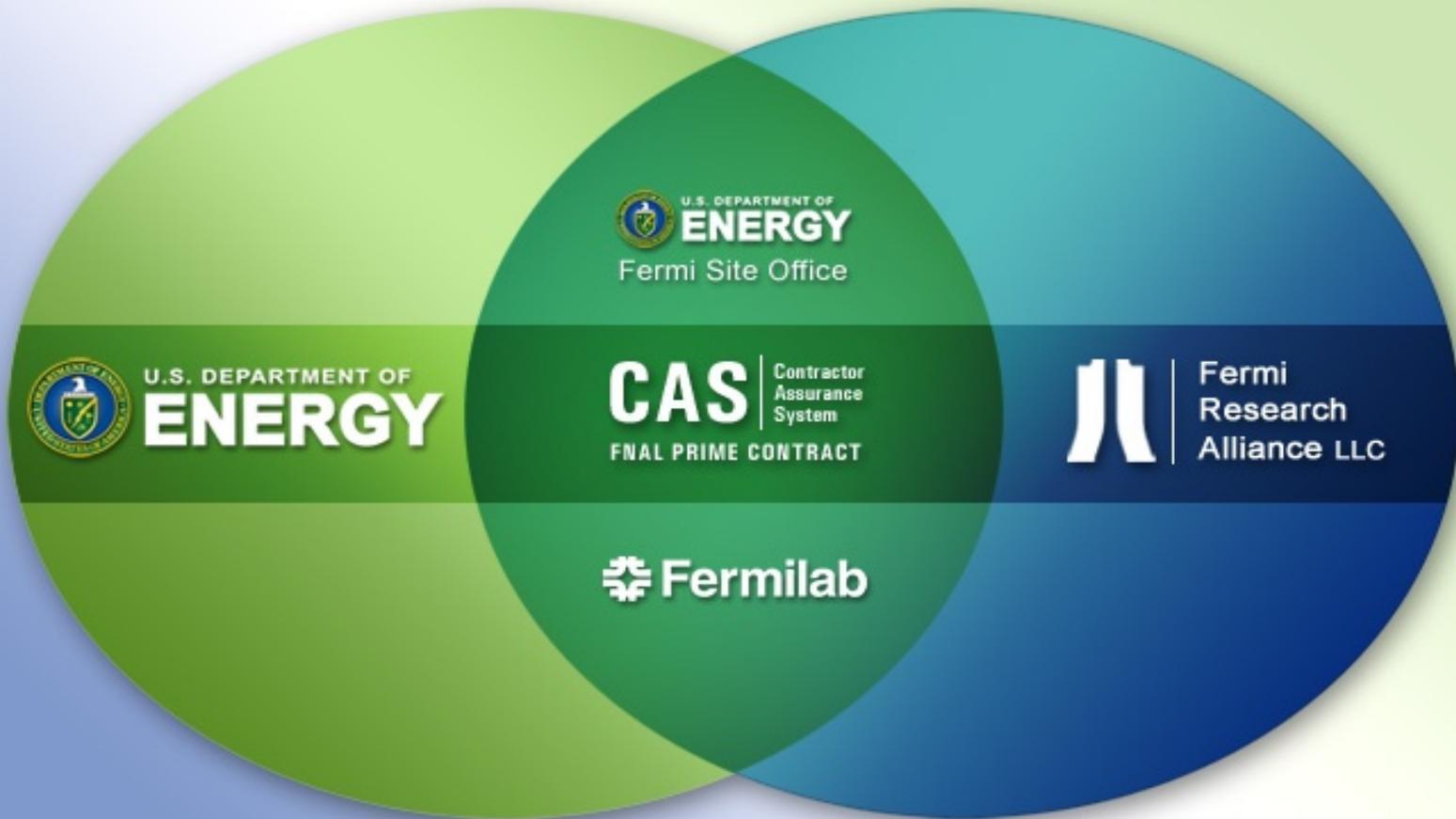
Office of Science

Fermi Site Office Perspective:
Importance and impact of the
National Laboratory-Site Office
Relationship in the Department of Energy

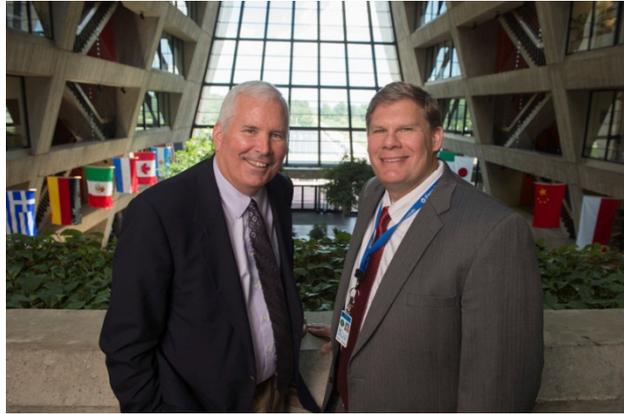
Presented to: Commission to Review
the Effectiveness
of the National Energy Laboratories
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Components of a National Laboratory



Fermi Site Office Role



- Serve as the Local Office of Science and High Energy Physics (HEP) representative and the Site's Owner/Landlord providing necessary permits and stewarding the Lab and all related property
- Work with affected stakeholders and the Local community on Lab related activities Maintain awareness of scientific and research thrust to enable partnering with the Contractor on Laboratory stewardship activities including evaluation of alignment of facilities, equipment, and scientific expertise with future Laboratory missions
- Administer Contract and evaluate contract performance and deliverables (Performance Evaluation and Measurement Plan) and Deliver approvals and contract modifications necessary for mission success
- Provide Federal Project Director service to all major Fermi Lab projects
- Our Goal in FSO is to find solutions no one else can find that are safe efficient and responsible to enable the Fermi Lab science mission.

The Office of Science Oversight Model

- The Department of Energy (DOE) is both the owner and regulator of the DOE sites
- DOE is responsible for ensuring that all activities are performed safely (i.e. protective of the worker, the public, and the environment) and efficiently while achieving mission objectives
- DOE performs oversight to confirm the outputs of the Laboratory's Quality Assurance programs and Contractor Assurance Systems (CAS).
- We (DOE) integrate our activities with the CAS, and our activities include:
 - Review of contractor management system documents and records;
 - Review and analyses of the outputs of CAS, including peer reviews and internal contractor assessments of operations, facilities, projects, programs, and systems;
 - Performance of operational awareness activities such as assessments, surveillance, inspections, work observations, surveys, walkthroughs, and attendance of contractor meetings.
 - Review of CAS management system information and trends and direct activity observation (boots on the ground)



Building the Relationship

Our Vision: We create pathways to mission and FSO success

Our Principles:

- Create a work environment within our office and Fermi Lab that is safe for the workers and public, protective of the environment, and respectful of the taxpayers.
- Partner with the Laboratory to achieve mission accomplishment by advocating for the Lab without abdicating our inherent federal responsibilities.
- Foster a positive relationship with the Laboratory management team, finding ways to help the Lab deliver on the science mission, using sound risk based judgment and best management practices.
- Work together to create a learning organization and a culture that supports everyone in FSO in their quest to be a valuable contributor



Two way Street: Fermi Site Office Commitment to the Laboratory



- Partner in all ways to enable mission
- Look for opportunities to empower Lab to make decisions by:
 - Eliminating low value added and unneeded approvals
 - Avoiding over-involvement in Contractor systems
- Integrate DOE activities with Lab activities to ensure work is being done consistently with contract (confirm not validate) and efforts are not duplicative
- Ask tough questions of the Lab and ourselves to help improve performance

Challenges at Laboratory/ Site Office That Negatively Impact Mission Delivery

- The Department is not homogeneous in its approach and often provides inconsistent and conflicting guidance to the Sites and Labs
- Continuous flow of new requirements that are not risk based and levied without associated funding
- Funding levels are not predictable nor timely and project schedules are often not supported by government budget process

