



INFUSE Innovation Network for Fusion Energy

- FES established INFUSE program to aid private/public partnerships in Fusion
- ORNL and PPPL selected to manage INFUSE program for FES
- ORNL hosts the INFUSE website for submissions and reviews
- Two RFA calls occurred in FY2020
- 10 FY2020 awards in first round
- 2nd annual INFUSE workshop may be virtual

10 Participating laboratories: BNL, INL, LBNL, LLNL, LANL, ORNL, PNNL, PPPL, SNL, SRNL

Topical areas:

- Enabling Technologies including magnets
- Materials Science
- Plasma Diagnostics
- Theory and Simulation
- Magnetic Fusion Experimental Capabilities



AWARDS

- 10 projects from 25 applications received 2020 awards totaling \$2 M
- The 10 awards went to 6 U.S. companies and involved 4 national labs
- Detailed list: <https://infuse.ornl.gov/2020-infuse-awards-1/>

ARPA-e Interactions

- INFUSE can engage ARPA-e resource groups hosted at the labs.
- Follow-on assistance to BETHE participants through INFUSE RFAs.
- INFUSE website posts news releases and highlights from the private sector.
- Enhanced INFUSE Tier-2 technology demonstration projects in planning.
- Q&A

Awarded Topical Areas

