



Funding Opportunities

September 19, 2022

Department of Energy, Advanced Research Projects Agency
Exploratory Topics | Deadline: Nov. 15, 2022

SUMMARY: This announcement is purposely broad in scope, and will cover a wide range of topics to encourage the submission of the most innovative and unconventional ideas in energy technology. The objective of this solicitation is to support high-risk R&D leading to the development of potentially disruptive new technologies across the full spectrum of energy applications. Topics under this FOA will explore new areas of technology development that, if successful, could establish new program areas for ARPA-E, or complement the current portfolio of ARPA-E programs. This FOA will only accept applications in prespecified Exploratory Topics. The Targeted Topic for this FOA is Low-Energy Nuclear Reactions.

Award Ceiling: \$2,500,00

Award Floor: \$500,000

Additional Information: [DE-FOA-0002784](#)

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Exploratory Topics (SBIR/STTR) | Deadline: Nov. 15, 2022

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Award Ceiling: \$2,500,00

Award Floor: \$500,000

Additional Information: [DE-FOA-0002785](#)

National Science Foundation

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations | **Concept Paper: Dec. 20, 2022, Full: January 24, 2023**

SUMMARY: Through this program, NSF establishes partnerships with government, higher education, and industry that are designed to effect sustainable improvements in a jurisdiction's research infrastructure, Research and Development (R&D) capacity, and hence, its R&D competitiveness.

RII Track-2 FEC builds interjurisdictional collaborative teams of EPSCoR investigators in Science, Technology, Engineering, and Mathematics (STEM) focus areas consistent with the National Science Foundation 2022-2026 Strategic Plan. Projects are investigator-driven and must include researchers from at least two EPSCoR eligible jurisdictions with complementary expertise and resources necessary to address challenges, which neither party could address as well or rapidly independently. RII Track-2 FEC projects have a comprehensive and integrated vision to drive discovery and build sustainable STEM capacity that exemplifies individual, institutional, geographic, and disciplinary diversity. Additionally, the projects' STEM research and education activities seek to broaden participation through the strategic inclusion and integration of diverse individuals, institutions, and sectors. In addition, NSF EPSCoR recognizes that the development of early-career faculty from backgrounds that are traditionally underrepresented in STEM fields is critical to sustaining and advancing research capacity. The integration and inclusion of Minority-serving Institutions (MSIs), women's colleges, Primarily Undergraduate Institutions (PUIs), and two-year colleges is a critical component of this sustainable STEM capacity.

For FY 2023/2024, the topical focus area of RII Track-2 FEC is: "advancing climate change research and resilience capacity to expand opportunities for disproportionately affected communities."

Estimated Number of Awards: 10 in each FY 2023 and FY 2024

Additional Information: [NSF-22-663](#)