

**Notice of Intent No. DE-FOA-0002834****Notice of Intent to Issue  
Funding Opportunity Announcement No. DE-FOA-0002801**

The Office of Energy Efficiency and Renewable Energy (EERE) intends to issue, on behalf of the Water Power Technologies Office, a Funding Opportunity Announcement (FOA) entitled *“Advancing Fish Passage and Protection Technologies”*.

This FOA supports advancing innovative fish passage and protection technologies by supporting manufacturers, equipment vendors, and research organizations in gathering relevant information and data through testing to verify biological effects and performance. The development of technical solutions to enable and improve safe, timely, and effective fish passage and protection at hydropower dams can improve hydropower’s environmental performance, supports infrastructure sustainability, and contributes to fish restoration goals.

It is anticipated that the FOA may include the following Topic Areas:

- **Topic Area 1 – Fish Passage Biological and Performance Evaluations Testing Campaign**  
This topic area seeks to advance the Technology Readiness Level of innovative fish passage technologies by providing data on biological effects and fish passage performance. Technology innovations include: 1) novel solutions that are accompanied by analytical or experimental evidence that has established proof-of-concept and provides a rationale for next steps testing needs in terms of a critical path for research and development leading to market adoption; and 2) innovations to existing technologies that reduce negative impacts to fish, increase performance, show potential to dramatically reduce costs and/or present applications to novel use cases (e.g., different fish species evaluations, environmental conditions, or types of infrastructure).

EERE envisions awarding multiple financial assistance awards in the form of cooperative agreements. The estimated period of performance for each award will be approximately 18 to 24 months.

This Notice is issued so that interested parties are aware of the EERE’s intention to issue this FOA in the near term. All of the information contained in this Notice is subject to change. EERE will not respond to questions concerning this Notice. Once this FOA has been released, EERE will provide an avenue for potential Applicants to submit questions.

EERE plans to issue this FOA on or about September 2022 via the EERE eXCHANGE website <https://eere-exchange.energy.gov/>. If Applicants wish to receive official notifications and

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information from EERE regarding this FOA, they should register in EERE eXCHANGE. When the FOA is released, applications will be accepted only through EERE eXCHANGE.

In anticipation of the FOA being released, Applicants are advised to complete the following steps, which are **required** for application submission:

- Register and create an account in EERE eXCHANGE at <https://eere-eXCHANGE.energy.gov>. This account will allow the user to apply to any open EERE FOAs that are currently in EERE eXCHANGE.

Beginning on July 29, 2022\*, eXCHANGE will be updated to integrate with Login.gov. As of September 29, 2022\*, potential applicants will be required to have a Login.gov account to access EERE eXCHANGE. As part of the eXCHANGE registration process, new users will be directed to create an account in [Login.gov](https://login.gov). Please note that the email address associated with Login.gov must match the email address associated with the eXCHANGE account. For more information, refer to the eXCHANGE Multi-Factor Authentication (MFA) Quick Guide in the [Manuals section](#) of eXCHANGE.

It is recommended that each organization or business unit, whether acting as a team or a single entity, use only one account as the contact point for each submission. Questions related to the registration process and use of the EERE eXCHANGE website should be submitted to: [EERE-eXCHANGESupport@hq.doe.gov](mailto:EERE-eXCHANGESupport@hq.doe.gov)

- Register with the System for Award Management (SAM) at <https://www.sam.gov>. Designating an Electronic Business Point of Contact (EBiz POC) and obtaining a special password called an MPIN are important steps in SAM registration. Please update your SAM registration annually. Upon registration, SAM will automatically assign a Unique Entity ID (UEI).
- Register in FedConnect at <https://www.fedconnect.net/>. To create an organization account, your organization's SAM MPIN is required. For more information about the SAM MPIN or other registration requirements, review the FedConnect Ready, Set, Go! Guide at [https://www.fedconnect.net/FedConnect/Marketing/Documents/FedConnect\\_Ready\\_Set\\_Go.pdf](https://www.fedconnect.net/FedConnect/Marketing/Documents/FedConnect_Ready_Set_Go.pdf)
- Register in Grants.gov to receive automatic updates when Amendments to a FOA are posted. However, please note that applications will not be accepted through Grants.gov. <http://www.grants.gov/>. All applications must be submitted through EERE eXCHANGE.

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\*Please note that these dates are tentative and subject to change.