

**Opportunity Title:** Industrial Decarbonization Opportunity at DOE Office of International Affairs, Office of Multilateral Climate and Clean Energy Engagement

**Opportunity Reference Code:** DOE-STP-IA-2023-2305

**Organization** U.S. Department of Energy (DOE)

**Reference Code** DOE-STP-IA-2023-2305

**How to Apply** Click on *Apply* below to start your application

**Application Deadline** 10/11/2023 3:00:00 PM Eastern Time Zone

**Description** The U.S. Department of Energy (DOE) Science, Technology and Policy Program (DOE-STP) is designed to provide opportunities for students, postgraduates, established scientists and faculty to participate in programs, projects, and activities at the Department. Fellows will receive hands-on experience that provides an understanding of the mission, operations, and culture of the DOE. As a result, fellows will gain deep insight into the federal government's role in the creation and implementation of energy technology policies; apply their scientific, policy, and technical knowledge to the development of solutions to issues of importance to the DOE, and continue their education and involvement in areas that support the DOE mission either in a technical or policy-related role.

### About the Opportunity

The U.S. Department of Energy's (DOE) Office of International Affairs (IA), Office of Multilateral Climate and Clean Energy Engagement seeks motivated candidates to take on today's pressing climate challenges through a fellowship with its DOE Science, Technology, and Policy (STP) Program. Specifically, this fellowship will focus on the challenges of industrial decarbonization through the Clean Energy Ministerial (CEM). The CEM is a multilateral organization with 29 member countries, including the United States, working to rapidly increase the deployment of clean energy technologies.

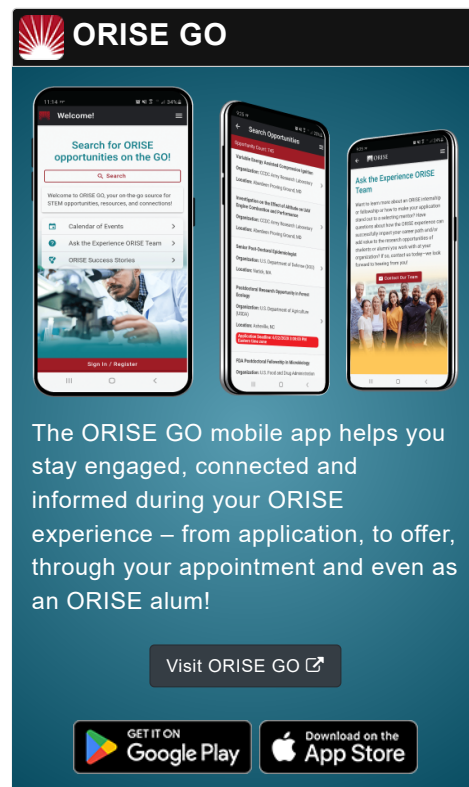
This fellowship may support the development and harmonization of low- and near-zero emission intensity thresholds for steel, cement and concrete as well as reporting practices. It may also involve research and policy analysis under other U.S.-involved CEM initiatives. Qualifications in this subject area are desired (see below).


A fellowship in IA will give you the opportunity to apply scientific, technical, and policy knowledge to the development and implementation of international climate and clean energy solutions as well as to continue your education and involvement in areas that support the DOE mission. Fellowships are intended to last one year with a potential for extension.

For more information about the Office of International Affairs, please visit <https://www.energy.gov/ia/office-international-affairs>

### Participant Benefits









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Participants will receive a stipend to be determined by IA. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. IA may authorize a supplemental stipend to offset the costs of health insurance. Participants are eligible to purchase health insurance plans offered through ORISE. Participants may receive an allowance for education and/or scientific activities as approved by IA.

### **Appointment Location**

Washington, D.C.

### **Nature of Appointment**

The participant will not enter into an employee/employer relationship with ORISE, ORAU, DOE, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE letter of appointment and Terms of Appointment.

### **Qualifications**

Applicants must be currently pursuing their Master's or Doctoral degree and must complete all degree requirements by January 31, 2024, or have received their Master's or Doctoral degree within the last five years. If more than 5 years since receipt of the degree, the applicant must have an academic background and experience in a relevant field and must be seeking to gain new knowledge/experience in order to expand career opportunities or advance professionally.

Successful fellows come from a wide range of backgrounds, but education, experience, and/or demonstrated interest in the following subject areas is desirable:

- Carbon accounting, environmental impact assessment, or product performance assessment, preferably with an analytic focus
- Steel, cement, and concrete production processes and understanding of major emissions sources in these processes
- Product life cycle assessments
- Product Category Rules and Environmental Product Declarations
- Reading and interpreting technical standards
- Data handling

### **How to Apply**

A complete application consists of:

- Zintellect Profile and responses to opportunity specific questions.
- Transcripts/Academic Records - For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Selected candidates may be required to provide proof of completion

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of the degree before the appointment can start.

- A current resume/CV, including academic history, employment history, and relevant experiences (\*see below for instructions).
- One Recommendation - Applicants are required to provide contact information for one recommender in order to submit the application. You are encouraged to request a recommendation from professionals who can speak to your abilities and potential for success, as well as your scientific capabilities and personal characteristics. Recommendation requests must be sent through the Zintellect application system. Recommenders will be asked to complete a recommendation in Zintellect. Letters of recommendation submitted via email will not be accepted. Recommendations must be submitted on your behalf through Zintellect before an offer is made.

*All documents **must** be submitted via Zintellect in order to be considered and must be in English or include an official English translation. Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.*

\*The resume/CV must include the following:

- Basic applicant Information: Name, address, phone, email, and other contact information.
- Work & Research Experience: List all work and research experiences beginning with current or most recent. Include the name of the employer, location, position held, and time period involved.
- Leadership Experience: List experiences (e.g., work, civic, volunteer, research) that demonstrate your leadership skills. Detail your role, type of experience, organization, location, and duration.
- Educational History: List all institutions from which you received or expect to receive a degree, beginning with current or most recent institution. Include the name of the academic institution, degree awarded or expected date of awarded or expected degree, and academic discipline.
- Honors & Awards: List in chronological order (most recent first) any awards or public recognitions. Include the name of awarding institution, title of the award or honor, and date of award or honor.

If you have questions, please send an email to [DOE-RPP@orise.ora.gov](mailto:DOE-RPP@orise.ora.gov). Please list the reference code for this opportunity in the subject line of your email: DOE-STP-IA-2023-2304

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help you stay engaged, connected, and informed during your ORISE experience and beyond!

**Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Master's Degree or Doctoral Degree to be received by 1/31/2024 11:59:00 PM.
- **Academic Level(s):** Any academic level.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12 👁)
  - **Engineering** (27 👁)
- **Age:** Must be 18 years of age