



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
**ENVIRONMENTAL  
MANAGEMENT**



# **An Overview of EM's International Program**

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**EM has fostered international collaboration for almost 20 years and has achieved tremendous success over the years by working collaboratively with international partners to identify solutions for EM cleanup challenges.**

- Examples include:
  - International agreements to enable collaborative opportunities (i.e., information sharing, lessons learned, research, technology projects, etc..)
  - Hosting workshops and facilitating reciprocal delegation visits to learn first-hand about cleanup activities/operations
  - Participating in multinational forums, working with international organizations and working groups, conferences, etc..



**The EM Office of Intergovernmental and Stakeholder Programs, International Program Team, facilitates international engagement and enables foreign travel to advance EM cleanup activities.**

- Maintain formal bilateral/multilateral agreements to enable collaboration
- Support EM leadership engagement with foreign counterparts
- Serve as the entry point for external stakeholders seeking to engage with EM on international activities
- Manage all aspects of foreign travel for EM-HQ and site employees

**One of EM's longest-standing relationships is with the UK's Nuclear Decommissioning Authority (NDA) and the National Nuclear Laboratory (NNL).**



**EM works with the UK through a formal Statement of Intent (SOI) on the management of radioactive waste and nuclear materials.**

Areas of collaboration include In-situ Decommissioning, disposal, technology Development, near-surface disposal, sludge management, etc.





## EM collaborates with the Atomic Energy of Canada Limited (AECL)



- Statement of Intent (SOI) on collaboration in radioactive waste management, decommissioning, and environmental restoration
- Sharing lessons learned and the development and application of new technologies and approaches to improve the safety, cost-effectiveness, and schedule of EM and the Canadian Nuclear Legacy Liabilities Program.
- In the past, Canadian Nuclear Laboratories (CNL) worked with Savannah River National Laboratory (SRNL) on cementitious barriers research and retrieval techniques for Spent Nuclear Fuel (SNF) in extended storage.



**In the US, the challenges faced by DOE-EM are very similar to those of the NDA in the UK and AECL in Canada. The three organizations are sharing lessons learned and best practices under a formal Trilateral Agreement.**

### **Examples include:**

- Workshop on stakeholder engagement activities (challenges, lessons learned, and best practices) was held in October 2021.
- Workshop on workforce planning to discuss workforce challenges and talent strategies was held in November 2022.
- Sustainability-focused meetings every 4-6 weeks on specific topics of interest and joint statements were issued at both COP26 and COP27 to demonstrate commitment to sustainability in infrastructure and D&D.

# Trilateral Collaboration in Action





**EM has fostered a robust bilateral relationship with Japan to support the Fukushima Daiichi nuclear power plant accident cleanup and decommissioning efforts.**



- Japanese officials are addressing challenges from the Fukushima Daiichi accident related to cleaning up contaminated water, buildings, soil, and debris, and
- the long-term management of spent nuclear fuel.
- To date, the DOE and its U.S. national laboratories continue to be actively involved with the Japanese Government and its technical organizations.





For more than two decades, EM has provided technical leadership to the U.S. government's interagency working group implementing the Joint Convention, an international treaty on the safety of spent fuel management and radioactive waste management.

EM supports the U.S. State Department-sponsored Joint Standing Committee on Nuclear Energy Cooperation (JSCNEC) which provides the U.S. and partner countries with an opportunity to exchange information on nuclear policy.

EM works with the Arctic Council's Arctic Monitoring and Assessment Program Radioactivity Expert Group.

EM works with the International Atomic Energy Agency and the Nuclear Energy Agency to collaborate with other experts on cleanup-related issues.



**As part of international engagement efforts, the Office of Intergovernmental and Stakeholder Programs enables international travel for EM employees and facilitates foreign delegation visits to the US.**

- Ensure EM foreign travel is compliant with all Departmental travel policies and procedures
- Ensure each EM traveler has a valid official passport, completes mandatory training, and that foreign travel requests are processed through the Department's Foreign Travel Management System and facilitate EM approvals.
- Coordinate with the Department of State to obtain the necessary country clearance cable and visas, when required.
- Support EM-HQ and site offices hosting foreign visitors/delegations (pre & post visit requirements)



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