

nwmo

NUCLEAR WASTE
MANAGEMENT
ORGANIZATION

SOCIÉTÉ DE GESTION
DES DÉCHETS
NUCLÉAIRES



Progress Update

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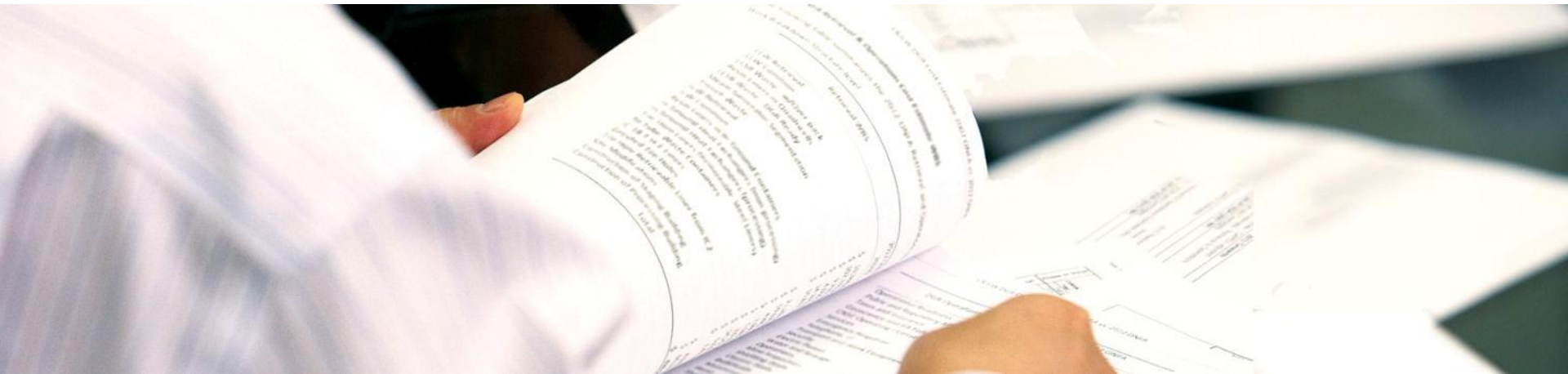
Where we are in the process

- ✓ Initial Screening
- ✓ Preliminary Assessment – Phase 1
 - ✓ Desktop Assessment
- Preliminary Assessment – Phase 2
 - Initial Borehole Studies
 - 2D Seismic
 - Detailed Mapping



New materials to support learning and dialogue

- Draft Implementation Plan 2016 to 2020
- Updated project description
- New backgrounders



Implementation Plan: Eight objectives

- Build sustainable, long-term relationships with interested Canadians and Aboriginal peoples of Canada, and involve them in setting future directions for the safe, long-term management of used nuclear fuel.

Continue to adapt plans for the management of used nuclear fuel in response to evolving societal expectations and values, insight from Aboriginal Traditional Knowledge, and changes in public policies.



Implementation Plan: Eight objectives

- Implement collaboratively with communities the preliminary assessments of site suitability for locating the deep geological repository and Centre of Expertise in a safe location in an informed, willing host community.



Implementation Plan: Eight objectives

- Conduct testing to prove that engineered barriers meet all safety requirements and can be produced effectively and efficiently.
- Continuously improve technical knowledge in collaboration with universities and international partners, and adapt plans consistent with international best practices.



Implementation Plan: Eight objectives

- Advance planning and capabilities for the construction and operation of the deep geological repository and the associated Centre of Expertise at the site selected to host the project.



Implementation Plan: Eight objectives

- Establish safe, secure and socially acceptable plans for transporting used nuclear fuel.
- Ensure funds are available to pay for the safe, long-term management of Canada's used nuclear fuel.
- Maintain an accountable governance structure that provides confidence to the Canadian public in the conduct of the NWMO's work.



Project Description

Updated Information

- Used nuclear fuel
- Canada's plan
- Facility descriptions
- Repository phases
- Regulatory oversight
- Project economics



Backgrounders: New and in progress

- Multi-barrier system
- International programs
- Initial borehole drilling and testing
- Economic modeling
- Centre of expertise



Key topics to explore going forward

- Planning for borehole drilling
- Centre of Expertise
- Project economics

