FAR WASTE MANAGEMENT ORGANIZATION

SOCIÉTÉ DE GESTION DES DÉCHETS NUCLÉAIRES

# Implementing Canada's Plan for Used Nuclear Fuel: **Progress Report**

Presented by: Mahrez Ben Belfadhel & Jo-Ann Facella Nuclear Waste Management Organization Durham Nuclear Health Committee Presented at: June 19, 2020

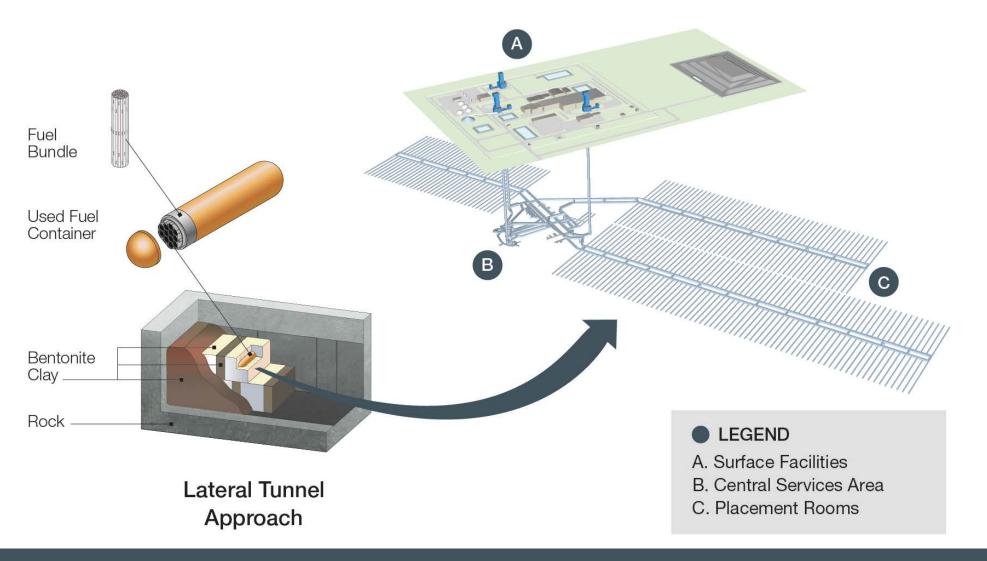
#### NWMO

- Formed in 2002 as required by Nuclear Fuel Waste Act
- Mandate to collaboratively develop and implement long-term management of Canada's spent fuel
- Approach must be socially acceptable, technically sound, environmentally responsible and economically feasible
- Fair and inclusive site selection process to seek an informed and willing host
- Continuous learning and adaptability

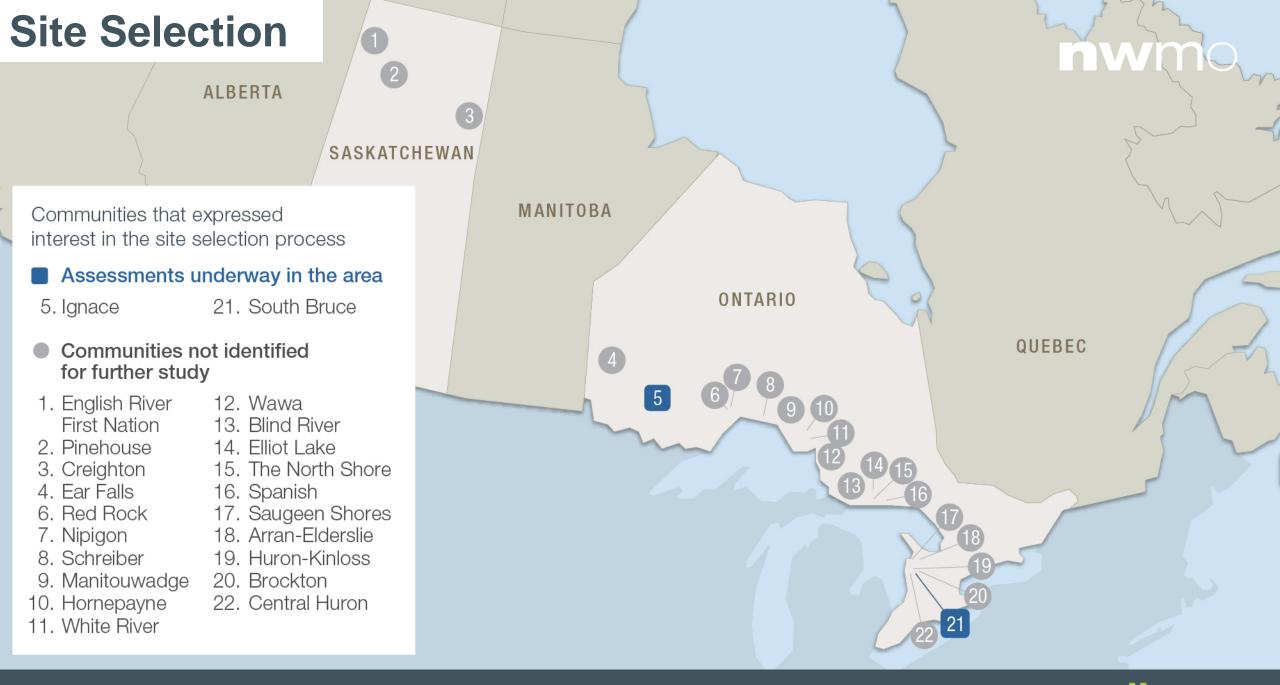




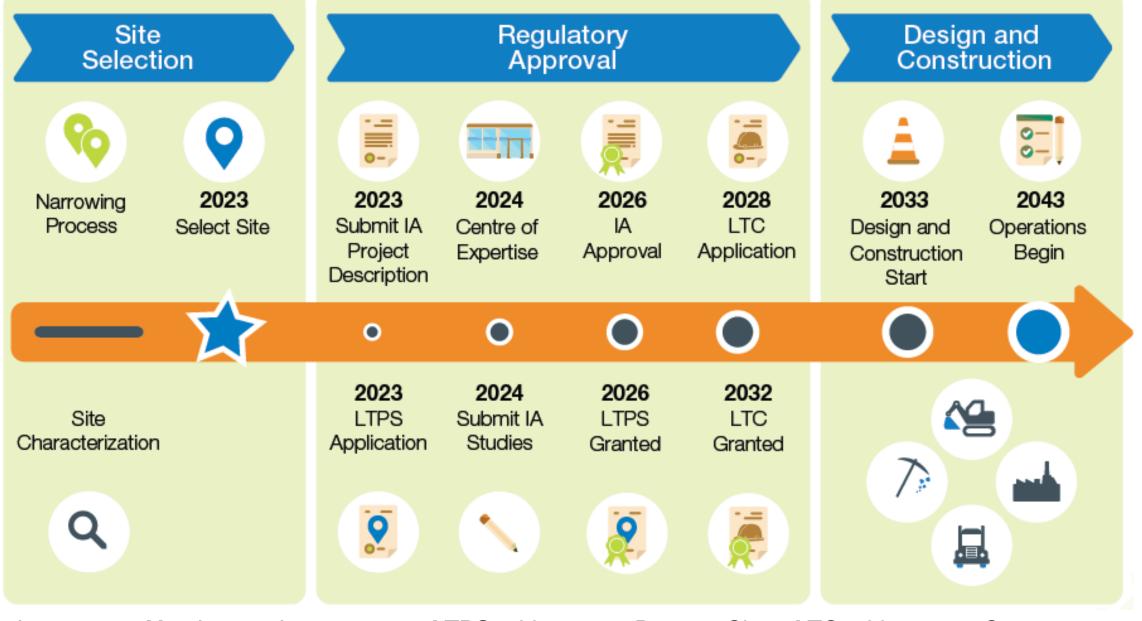
#### **Canada's Deep Geological Repository**











Acronyms: **IA** = Impact Assessment **LTPS** = Licence to Prepare Site **LTC** = Licence to Construct



#### **Criteria for Selecting a Preferred Site**





#### **Progress to Date**

- Ongoing engagement with municipalities and Indigenous communities in the two remaining siting areas
- Ongoing transportation engagement
- Exploring the potential for partnerships
- Completed awareness surveys in all communities
- Ongoing field investigations in Ignace
- Completing a land access process in South Bruce and planning for field work
- Implementing Reconciliation Policy
- Advancing engineering design





### **Ongoing Transportation Engagement**

- Annual "What We Heard" reports
- Advancing technical assessments of transportation means and modes
- Preparing draft Transportation planning framework for review and further discussion





#### **Building Supportive and Resilient Partnerships**





#### **Partnership Roadmap**

4	Aligned Partnerships —	Through a schedule developed and agreed upon with partners
(	Investments	Identify and deliver investments that drive capability and economic prosperity for partners
	Identify Required Partnerships	Identify required partnerships with whom, at what level, in what combination, and when
	Develop Vision for the Project	Develop the project vision that will meet the NWMO and community's interests, and potential partners as well
	Values and Principles to Guide Partnership Discussions	Agree on common values and principles to guide partnership discussions



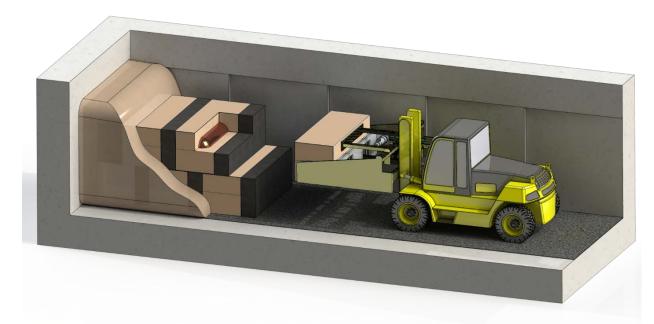
# **Borehole Drilling in Ignace**





#### **Advancements in the Technical Program**





#### **Up to 20 Containers Fabricated and Inspected**

**Full-scale Emplacement Trials in Realistic Geometry** 





#### **Triennial Report & Implementation Plan**







## **Supporting Communities during the Pandemic**

- Supporting siting communities and regions
- Reliable and secure communications between communities
- Donation of masks
- Hand sanitizer to food banks and other critical services
- Food security initiatives





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