

# **»» *Planning Canada's Second Deep Geological Repository: Your Voice Matters***

AMO Annual Conference  
Rogers Centre Ottawa  
August 16, 2026

**nwmo**

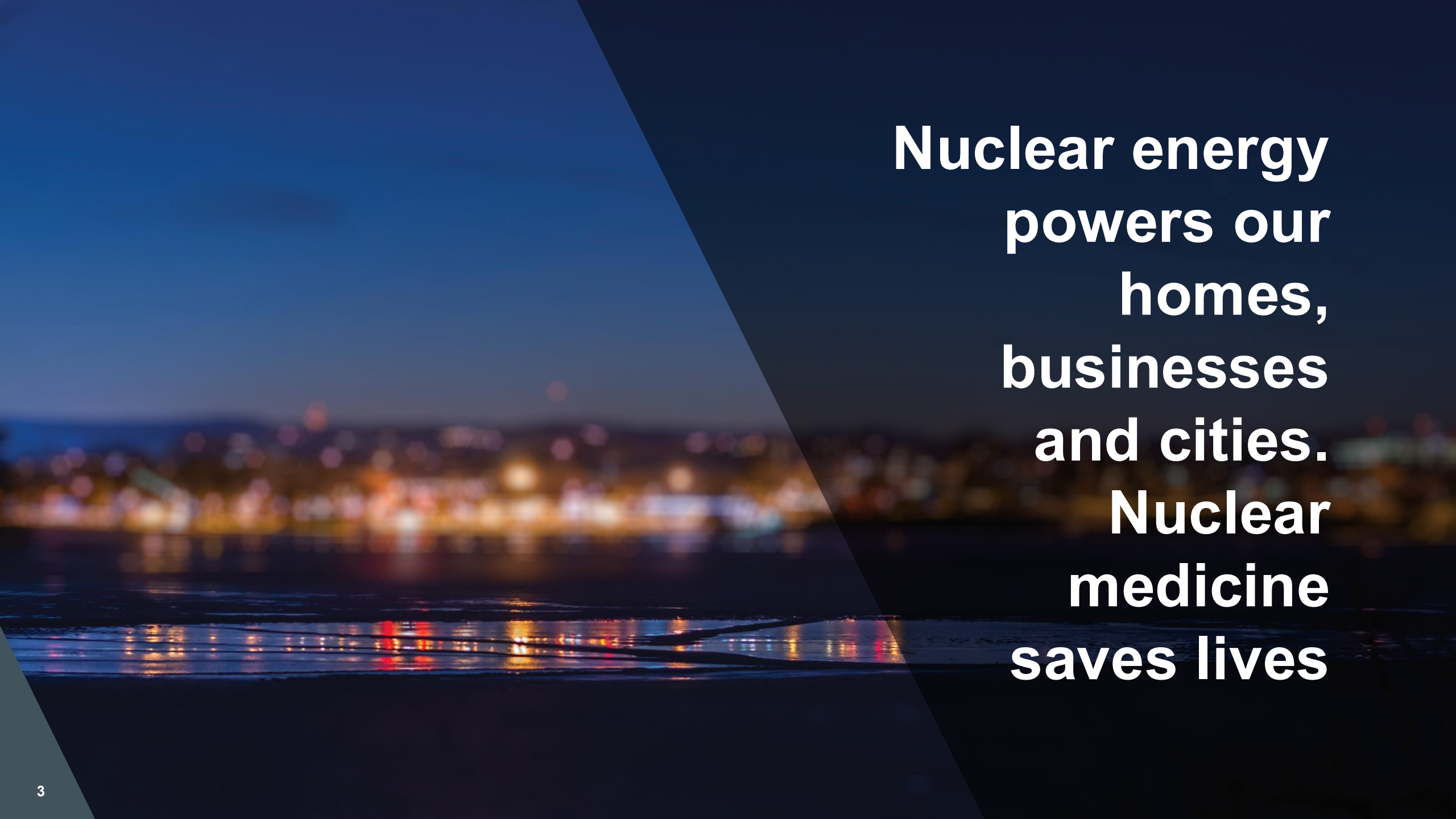
NUCLEAR WASTE  
MANAGEMENT  
ORGANIZATION

SOCIÉTÉ DE GESTION  
DES DÉCHETS  
NUCLÉAIRES



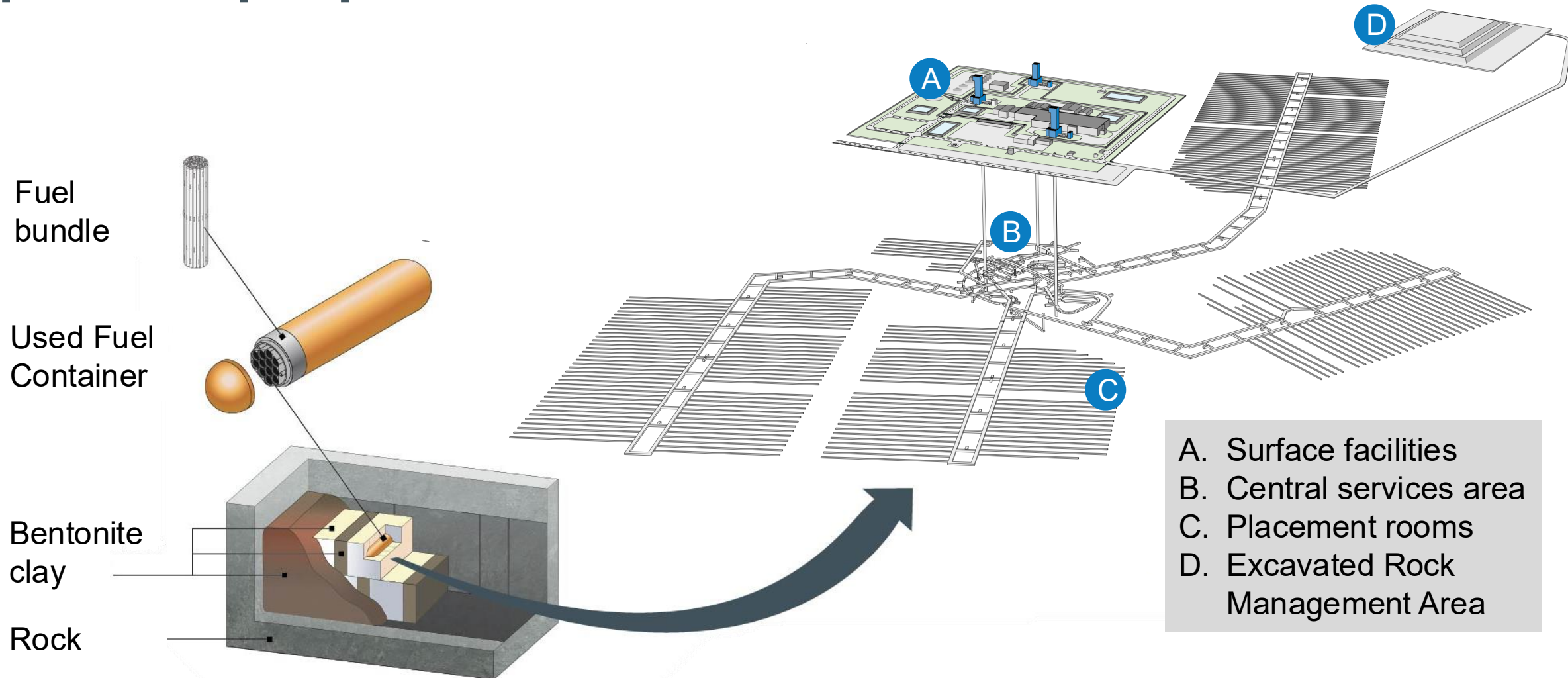
A photograph of three people in a snowy forest. They are wearing orange safety vests over dark clothing. One person is holding a device. The background is filled with tall evergreen trees under a cloudy sky. A dark grey diagonal overlay covers the right side of the image.

**We are the Nuclear  
Waste Management  
Organization**

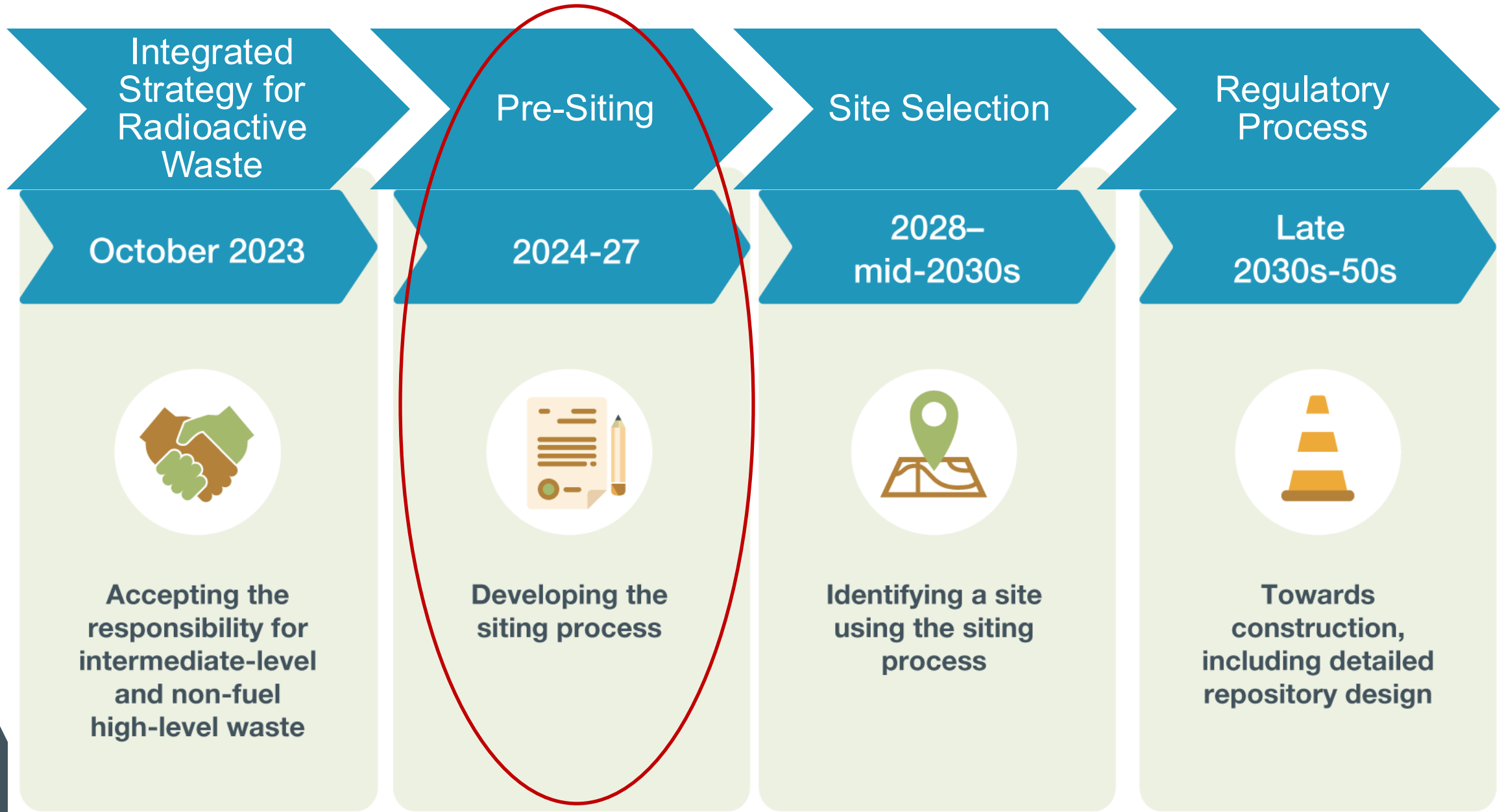


**Nuclear energy  
powers our  
homes,  
businesses  
and cities.  
Nuclear  
medicine  
saves lives**

# How a deep geological repository protects people and the environment



## 2<sup>nd</sup> Siting Process Timeline



# Examples: ILW & HLW

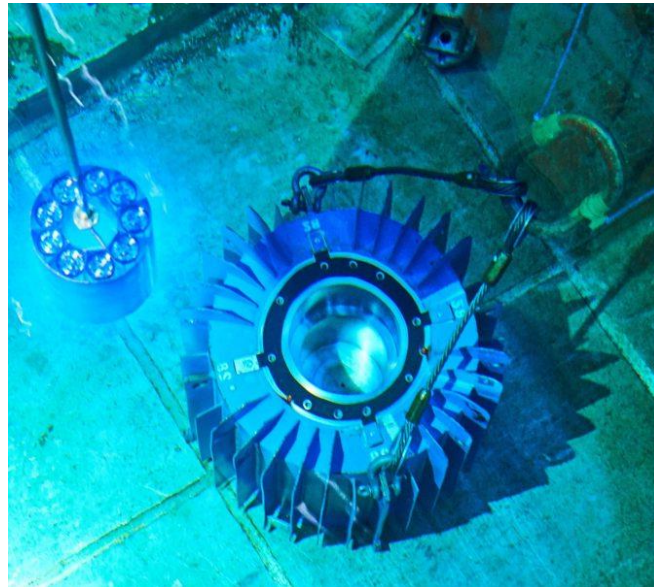
## ILW

- Medical isotopes
- Equipment/ parts inside the reactor that help make electricity
- Filters that clean the water in the reactor



## HLW: Non-fuel

- Components that generate medical isotopes



## HLW: Fuel

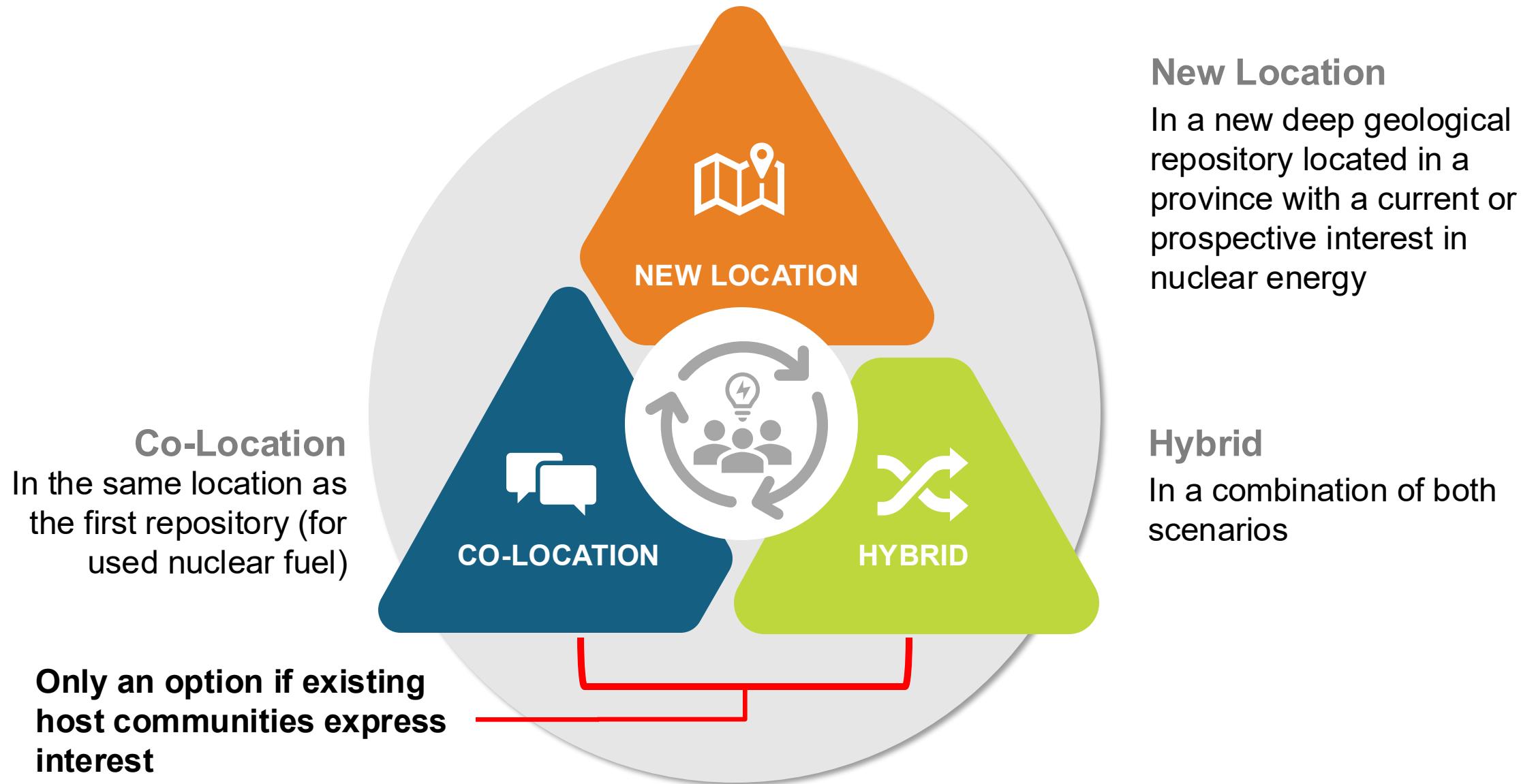
- CANDU fuel bundle
- New nuclear reactors fuel



# Consent-based Siting Process



# What are the options for host location(s)?





# How are we engaging during pre-siting?

# Honouring Past Input: Principles of the Siting Process



## Select a Site



08

Process led by  
community  
and the right  
to withdraw



09

Inclusive  
Engagement



11

Community  
wellbeing and  
capacity  
building



## Promote Reconciliation



03

Free, Prior &  
Informed  
Consent (FPIC)



05

Reconciliation  
and  
Indigenous  
Knowledge



10

Informing the  
process



## Safety



01

Safety



02

The protection  
of water



07

Meeting  
regulatory  
requirements



## Manage Canada's nuclear waste



06

Sustainability



04

Informed and  
willing host  
communities

Honouring  
past input

Proposed  
Siting Process

Your input  
today:  
**siting process**

## 20+years Engagement

Consent based  
Voluntary Entry  
Centralized DGR  
Relationship driven  
Transportation  
This generation (2050)

## Incorporates learning

Indigenous interest/ led early  
Relationship building  
Capacity  
Community decision making  
Confidence in Safety  
Community driven learning  
Collaborative Hosting Agreement  
Off ramp until a final decision

What are the strengths?  
What you would add/ change?  
What do people need to know to  
enter?  
What if we get 30 communities?  
Are there principles missing?  
What does an expression of  
interest encompass?

# Public Engagement on the Proposed Site Selection Process - Principles

- **Indigenous-centered**
  - Prioritize engagement with Indigenous communities, respecting and honouring rightsholders and Free, Prior and Informed Consent
- **Informed by NWMO lessons learned**
  - Honour 20+ years of input from First Nation and Métis peoples and Canadians
- **Using recognized good practices**
  - Core Values and Ethics of the *International Association of Public Participation* and the *International Association of Facilitators*



Thank you \* Miigwech \* Marsi \* Merci

Help us Improve!





## Workshop Questions

# Activities of the Proposed Siting Process

- Builds on first siting process learnings and 20+ years of input
- Reflects input from Indigenous and municipal communities
- Intended as a navigation tool vs. a precise process
- Flexible, adaptive, iterative

