



# A NEXT STEP

Part of Canada's  
Radioactive Waste Review



## CANADA'S INTEGRATED STRATEGY FOR RADIOACTIVE WASTE

Pre-Roundtable Information Session

2021



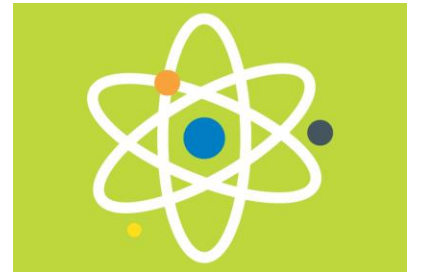
**WELCOME**



# WHY WE WANT TO HEAR FROM YOU

# AGENDA

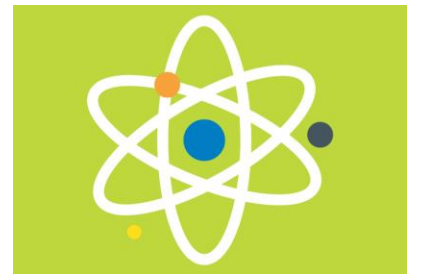
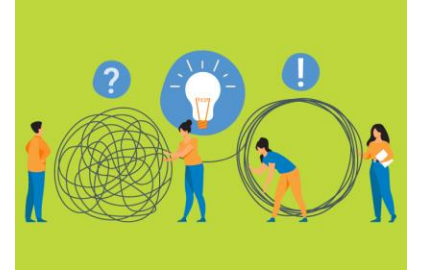
1. Welcome
2. Presentation of background information
3. Q+A
4. How to contribute to Roundtable Sessions
5. Questions of Clarification
6. Closing



# ISRW PROJECT

In November 2020, the Minister of Natural Resources Canada asked the NWMO to lead the development of an **integrated strategy on radioactive waste (ISRW)**

- Radioactive waste safely manage today
- Several long-term plans and projects exist
- Some gaps exist
- This strategy represents a **next step**



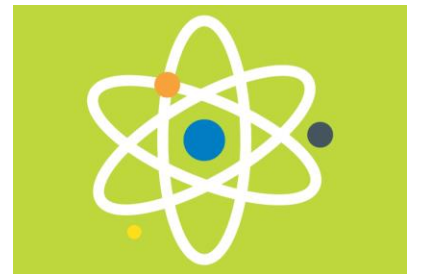
# FOCUS IS ON GAPS IN EXISTING PLANS

## NO GAPS:

- **High level radioactive waste** - a long-term plan is in place through the NWMO's DGR project
- **Uranium mine and mill waste** - disposal facilities are in operation

## GAPS:

- Some long-term planning is underway for **low-level radioactive waste**, but several gaps exist
- **No long-term management plans in place for any of Canada's intermediate-level waste** - this is also a gap in the system.





# INTERNATIONAL BEST PRACTICE

"Canada's low- and intermediate-level radioactive waste is **safely managed today** in interim storage.

An **integrated strategy** will ensure the material continues to be managed in accordance with international best practices over the longer-term."

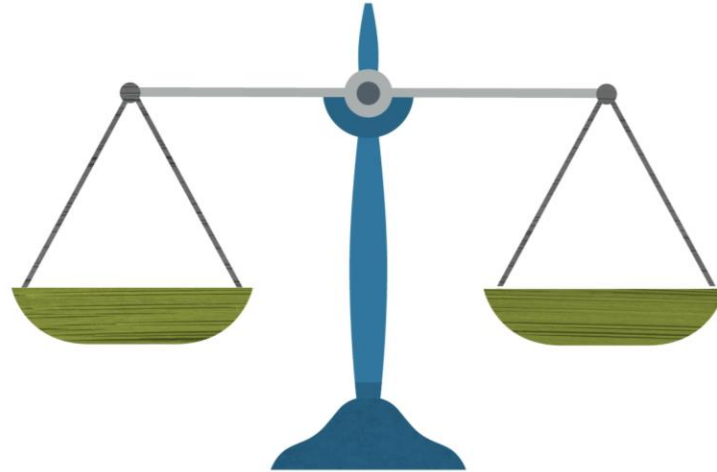
- Laurie Swami, president and CEO, NWMO



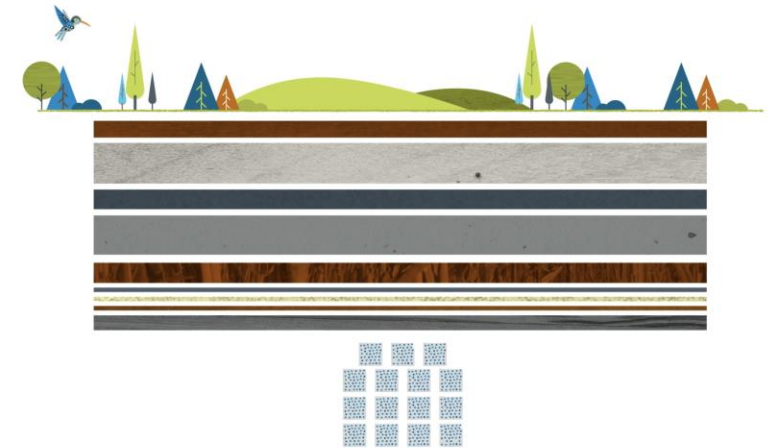
# WHAT WILL IT INCLUDE?



**Taking Stock of  
Current  
Waste Management  
Situation**



**Engaging on Options to  
Address the Gaps**



**Making  
Recommendations for  
Long-Term  
Management Solutions**





NWMO was asked to help



[radwasteplanning.ca](http://radwasteplanning.ca)  
[plandechetsradioactifs.ca](http://plandechetsradioactifs.ca)



Open, Transparent  
Engagement Process



**20** years

experience engaging  
**Canadians,**  
**Indigenous peoples**  
and **industry**

# TIMELINE





*Safety as overarching principle*



*Environment is protected*



*Informed by the best available knowledge*

# GUIDING PRINCIPLES



*Respect Indigenous rights and treaties*



*Security must be ensured*



*Be transparent and inform and engage the public*



*Make use of existing projects*



*Fiscally responsible*



*Meets or exceeds regulatory requirements*

# HOW WASTE IS BEING MANAGED NOW, AND HOW IT COULD BE MANAGED OVER THE LONG-TERM







Or - we could build one disposal site for all similar low-level waste, which the waste owners would share.





# Q&A



# HOW YOU CAN CONTRIBUTE TO THE ROUNDTABLE SESSIONS

# FORMAT



- 3 hour session \*
- Opening – 10 min
- Presentations– up to 12x 10 minutes
- Roundtable – time will vary depending on the number of presenters
- Closing – 5 min

\*sessions with 6 or fewer presenters have a 2 hour duration

# PRESENTING AT ROUNDTABLE



- REGISTER for session online
- REQUEST presenter status 7 days in advance
- RECEIVE confirmation of presenter status\*
- ATTEND Roundtable Session

\* In the event that the number of presentations exceeds the time allocated, additional sessions will be added

# PRESENTATION TOPIC FOCUS



- What is **most important to get right** when developing an Integrated Strategy for Canada's Radioactive Waste?
- How do we best deal with Canada's **Low-Level Waste** and **Intermediate-Level Waste** over the long-term?
  - What type(s) of facilities should we use?
  - Rolling stewardship vs disposal
  - How many of them should we build?
- **Who** should be responsible for implementing the strategy?



# ROUNDTABLE APPROACH



- Presentation duration not to exceed 10 minutes
- Presenters are responsible for sharing their screen if they have presentation materials
- Any Q&A will be held during the 'roundtable' discussion
- Sessions will be moderated; participants are expected to adhere to community guidelines and help maintain a safe space for all

# NO ATTRIBUTION



- There will be notetakers at each Roundtable
- Summary "What We Heard" Report of Roundtables to be posted online ([www.radwasteplanning.ca](http://www.radwasteplanning.ca)) in autumn
- Summary Report will not attribute comments to individuals or organizations unless requested
- Participants can provide their presentation as an official submission to the ISRW, in which case, any material provided will be publicly available

# ROUNDTABLE NEXT STEPS



Roundtables scheduled for the following groups\*

- Civil Society Organizations
- Industry
- Municipal Officials
- Public Service (federal and provincial)
- Academia
- Youth

\* Roundtable format may be different for different groups



# QUESTIONS OF CLARIFICATION

# GET INVOLVED



Register for updates



Tell us what you'd like to discuss



Learn More



Engage with others

[www.radwasteplanning.ca](http://www.radwasteplanning.ca)

The screenshot shows the 'A NEXT STEP' website header with a search bar and navigation links for 'Log In' and 'Français'. Below the header is a grid of images representing various aspects of the project: a family, a map of Canada, a person in a hard hat, a microscope, a group of people, a scenic landscape, a tree, and a person with a lightbulb idea.

### Help us create a safe, integrated, long-term strategy for radioactive waste in Canada

Share your thoughts on the best options to ensure all of Canada's radioactive waste is managed safely, responsibly, and effectively long after we're gone

Canada is safely managing its radioactive waste today and already has several long-term plans and projects in place. However, there are some gaps in addressing certain streams, specifically low-level and intermediate-level radioactive waste, that need an integrated, long-term strategy. The Nuclear Waste Management Organization (NWMO) has been asked by the Minister of Natural Resources Canada to lead the development of this strategy by engaging with Canadians and Indigenous peoples.

We are planning a series of interactive, accessible and collaborative engagements that welcome a diversity of voices. Your thoughts and perspective play an important role in identifying the best approach to ensure all of Canada's radioactive waste is managed safely, responsibly and effectively long after we're gone.

Join us as we explore what's most important to Canadians and Indigenous peoples on this topic and help us shape Canada's strategy. [See the timeline.](#)

[Participate by completing our survey on ISRW](#)

#### Stay Informed

Follow us on Twitter: [@RadWastePlan](#)

[Register to receive news and invitations](#)

#### Current participation opportunities

- Public Engagement on the Integrated Strategy for Radioactive Waste (ISRW)**  
Look here for information on upcoming live events as well as a record of past events
- Canadian Radioactive Waste Summit**  
Learn more about the Canadian Radioactive Waste Summit.
- Indigenous Relations**  
We are committed to long-lasting relationships with Indigenous peoples built upon communication, transparency, respect and reconciliation. We will engage with Indigenous peoples on the Integrated Strategy on Radioactive Waste (ISRW), and ensure all participants are provided the opportunity to provide input and advice.
- What Would You Like to Discuss?**  
To help inform our engagement plans, please tell us what you would like to discuss
- Learn More**  
Frequently asked questions and answers

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235  
**U**  
Uranium

60  
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Cobalt

# THANK YOU

[info@radwasteplanning.ca](mailto:info@radwasteplanning.ca)

[www.radwasteplanning.ca](http://www.radwasteplanning.ca)