



A NEXT STEP

Part of Canada's
Radioactive Waste Review



CANADA'S INTEGRATED STRATEGY FOR RADIOACTIVE WASTE

Community Dialogue Session

2021



WELCOME



WHY WE WANT TO HEAR FROM YOU

WHAT ARE THE DIFFERENT LEVELS OF RADIOACTIVE WASTE?



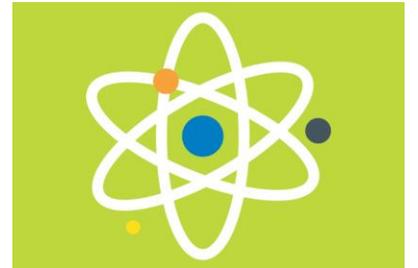
NUCLEAR ENERGY



https://youtu.be/e6IHV-xITjk?list=PLpHweZrkiq_vZaKF-uW4P7VIAB4nR06gv

AGENDA

1. Welcome
2. Presentation of background information
3. Pre-breakout session Q+A
4. Breakout sessions
5. Summary
6. Closing
7. Post-session Q+A



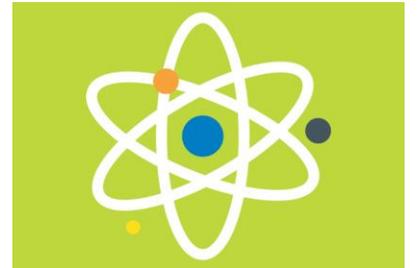


PRESENTATION

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**



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



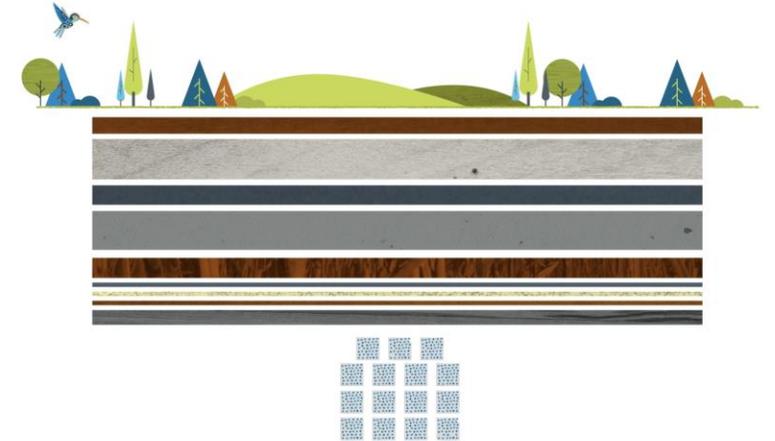
WHAT WILL IT INCLUDE?



**Taking Stock of
Current
Waste Management
Situation**



**Engaging on
Options to Address
the Gaps**



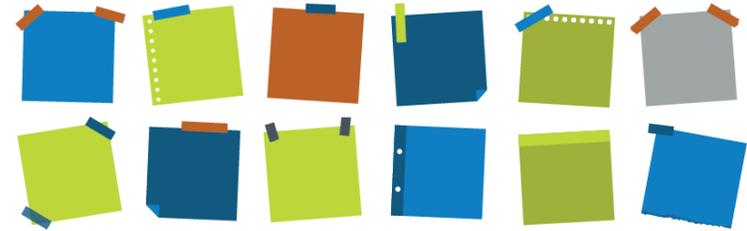
**Making
Recommendations for
Long-Term Management
Solutions**



NWMO was asked to help



radwasteplanning.ca
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



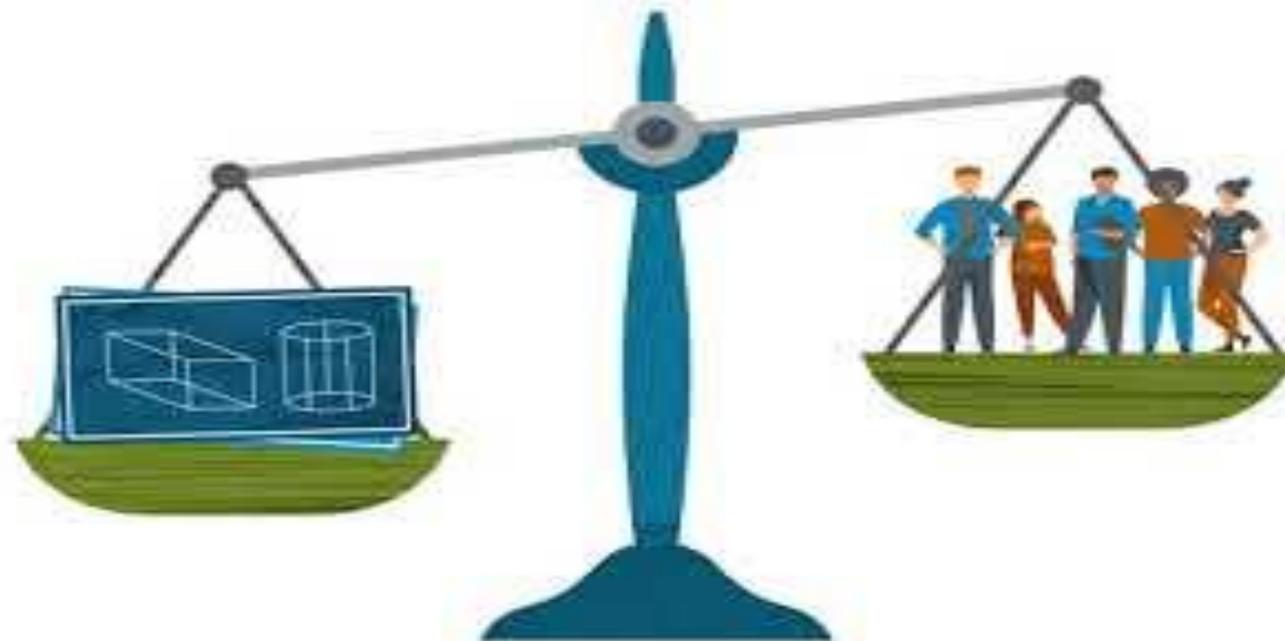
Meets or exceeds regulatory requirements



<https://youtu.be/uRnsYeyupjA>

HOW WASTE IS, AND WOULD BE TRANSPORTED





<https://youtu.be/aDg7cPRjhp0>

HOW IS WASTE REGULATED





<https://youtu.be/5wJ-kx8Mu9s>



QUESTIONS OF CLARIFICATION

GUIDELINES FOR PRODUCTIVE SESSION



Suspend judgment,
challenge your own
assumptions



Recognize and respect
diverse perspectives



Look for common
ground



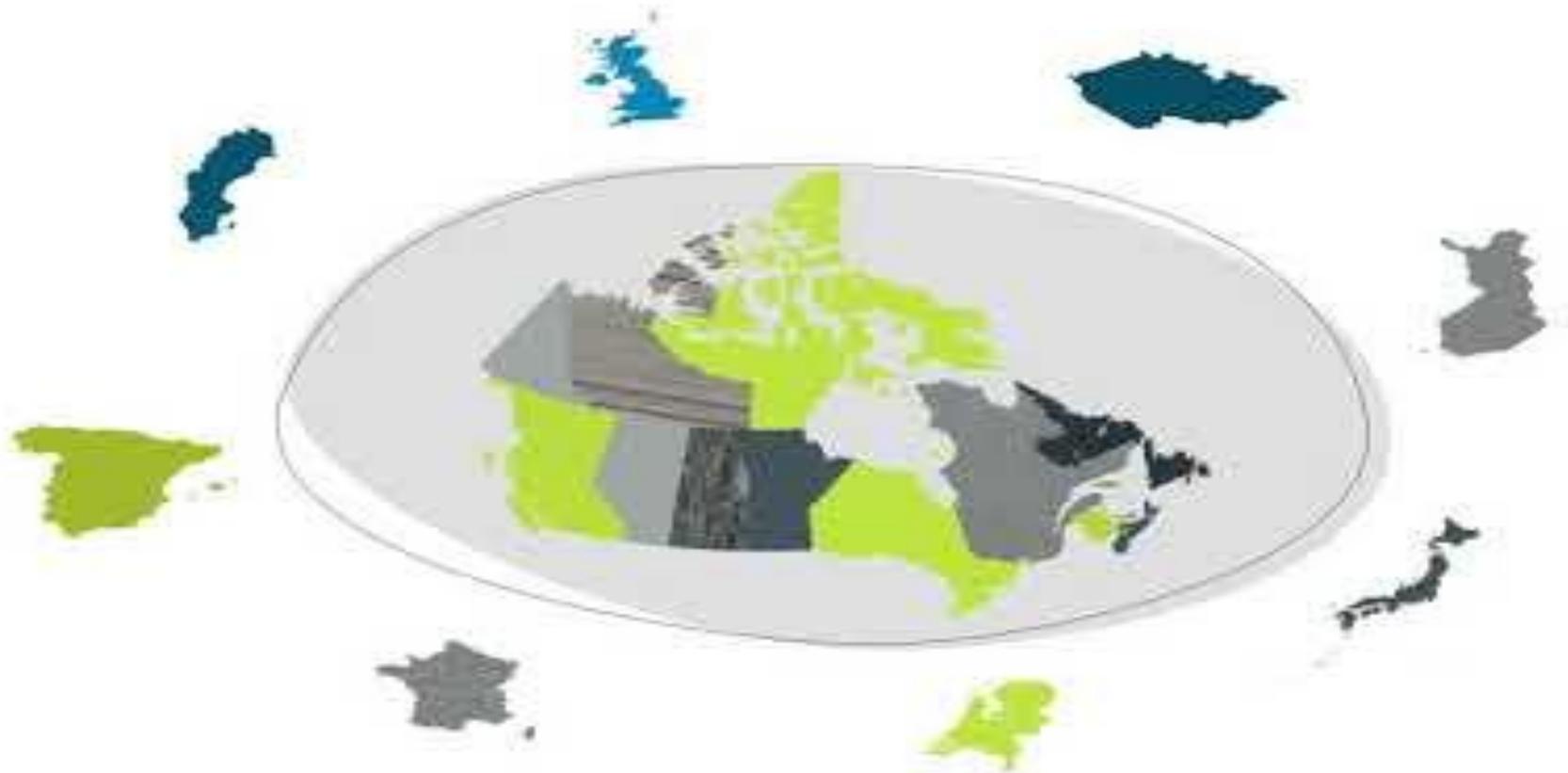
Share the air time



Listen to understand

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





https://youtu.be/Sg_4gYlgJ0w



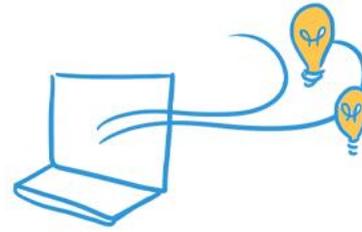
BREAK-OUT DISCUSSION



Safety as overarching principle



Environment is protected



Informed by the best available knowledge



Respect Indigenous rights and treaties



Security must be ensured

GUIDING PRINCIPLES



Be transparent and inform and engage the public



Make use of existing projects



Fiscally responsible



Meets or exceeds regulatory requirements



DISCUSSION

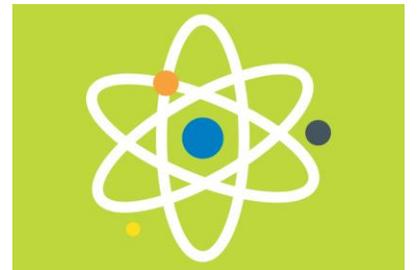
FOCUS IS ON GAPS IN EXISTING PLANS

NO GAPS:

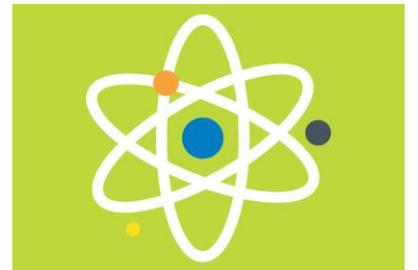
- **High level radioactive waste** - a long-term plan is in place through the NWMO's DGR project
- **Uranium mine and mill waste** - disposal facilities are in operation

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.



How do we best deal with Canada's **Low-Level Waste**, and **Intermediate-Level Waste** over the long-term?





SUMMARY OF DISCUSSION

GET INVOLVED



Register for updates



Tell us what you'd like to discuss



Learn More



Engage with others

www.radwasteplanning.ca

The screenshot shows the 'A Next Step' website with a navigation bar including 'Log In' and 'Français'. A search bar is present. The main content area features a grid of images related to community engagement and environmental science. Below this, a prominent heading reads: 'Help us create a safe, integrated, long-term strategy for radioactive waste in Canada'. A sub-heading asks users to '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'. The text explains that Canada is currently managing radioactive waste but needs a long-term strategy, and the Nuclear Waste Management Organization (NWMO) is leading this effort. It invites users to participate in a series of engagements and provides a link to 'Participate by completing our survey on ISRW'. There are also links to 'Stay Informed' on Twitter and to 'Register to receive news and invitations'. A section titled 'Current participation opportunities' lists several events: 'Public Engagement on the Integrated Strategy for Radioactive Waste (ISRW)', 'Canadian Radioactive Waste Summit', 'Indigenous Relations', 'What Would You Like to Discuss?', and 'Learn More' (FAQ).



235
U
Uranium

60
Co
Cobalt

THANK YOU

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www.radwasteplanning.ca