

>> *Let's Start Talking:* ***Planning Canada's Second*** ***Deep Geological Repository***

UMNB
October 2026

nwmo

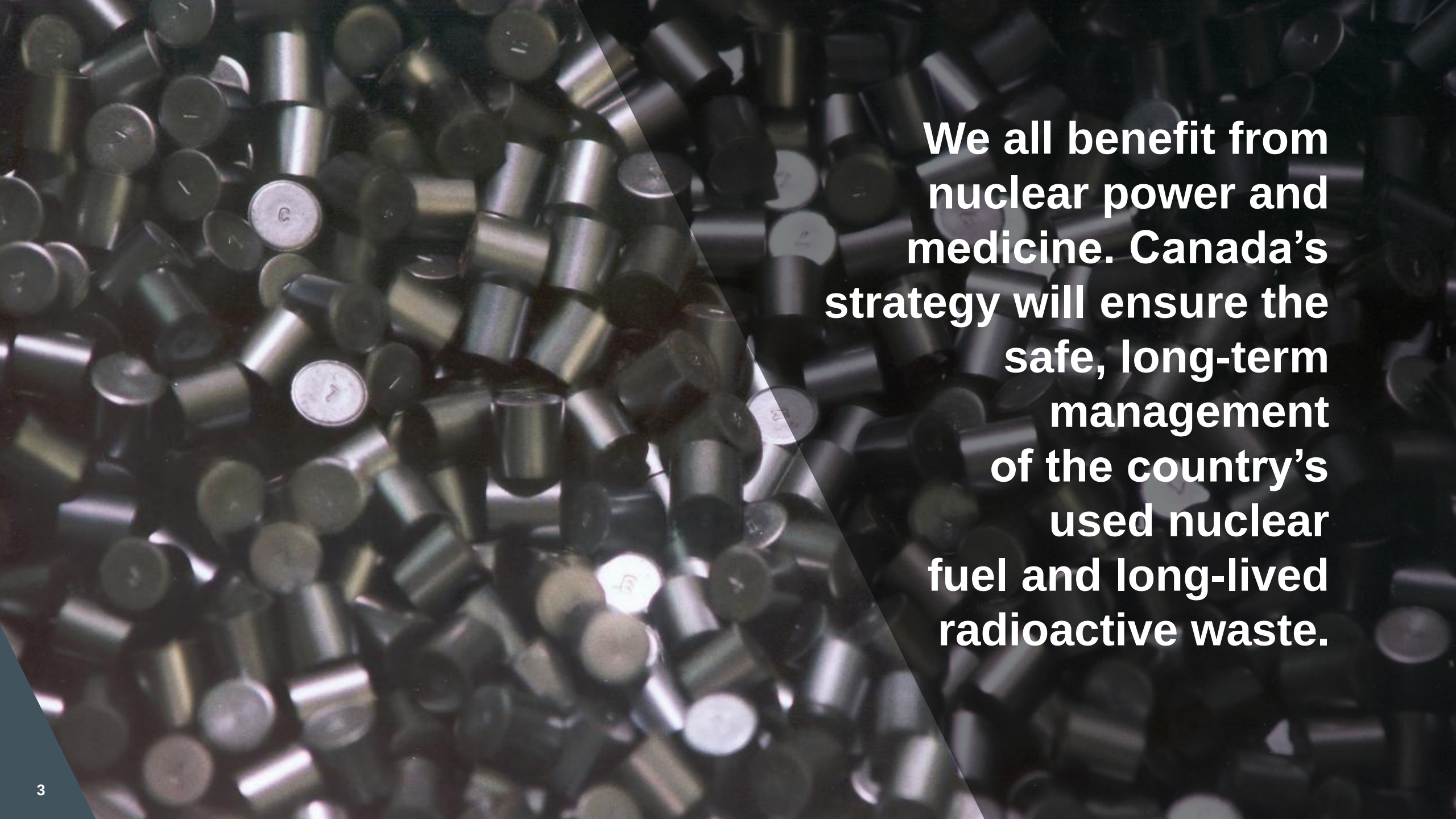
NUCLEAR WASTE
MANAGEMENT
ORGANIZATION

SOCIÉTÉ DE GESTION
DES DÉCHETS
NUCLÉAIRES





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



**We all benefit from
nuclear power and
medicine. Canada's
strategy will ensure the
safe, long-term
management
of the country's
used nuclear
fuel and long-lived
radioactive waste.**

What is it? ILW & HLW

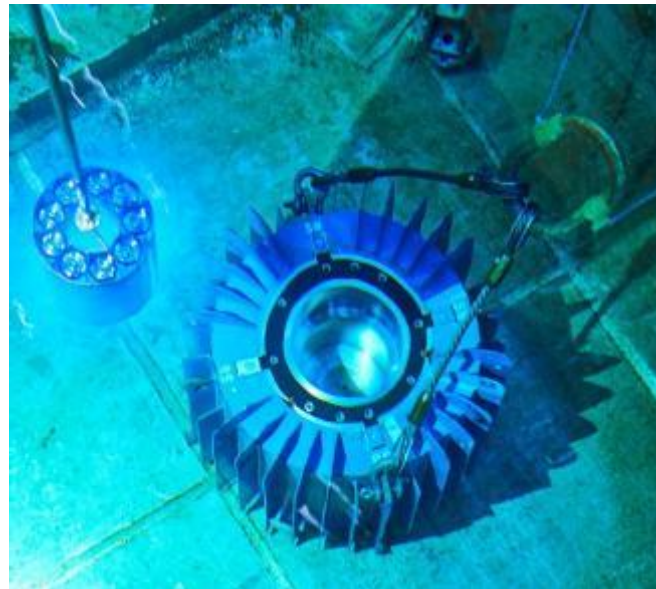
ILW

- 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



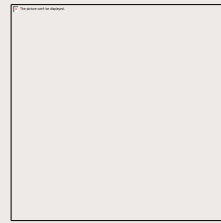
HLW: Fuel

- CANDU fuel bundle
- New nuclear reactors fuel



In Regulatory Process: DGR for Used Nuclear Fuel ('1st repository')

ONTARIO

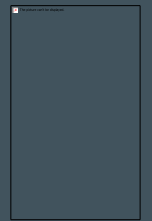
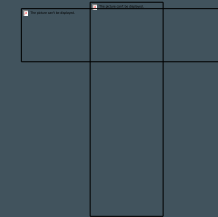
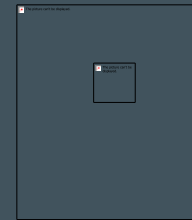


Used
nuclear fuel

Pre-Siting Engagement:

Intermediate-level and non-fuel
high-level waste ('2nd repository')

What radioactive waste is included in the
second repository?



Potentially used
nuclear fuel from
new nuclear
reactors

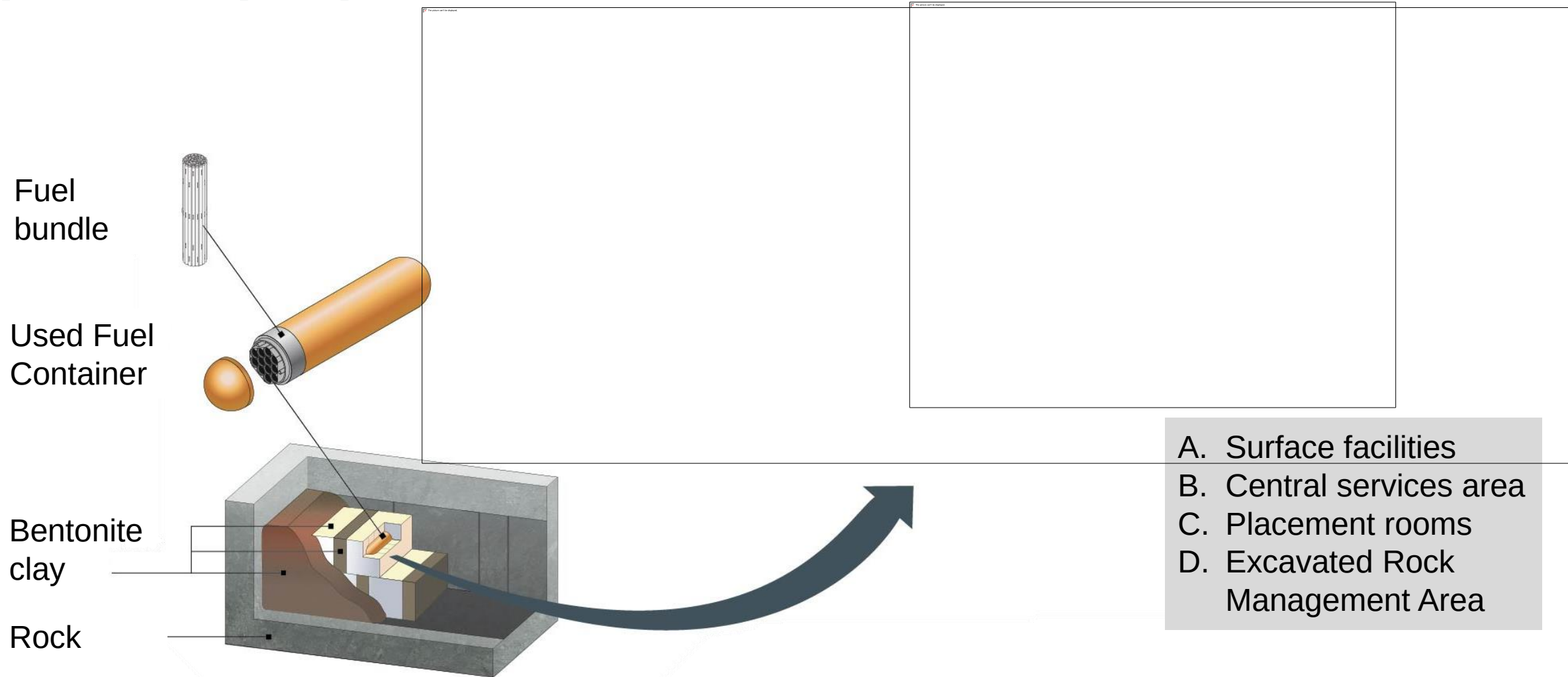


Intermediate-level
waste



Non-fuel
high-level waste

How a deep geological repository protects people and the environment



Keep In Touch

If you'd like more information on any topic, or to stay informed of NWMO activities, please email or visit us at:

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