



AECL
EACL

Driving nuclear opportunity
for Canada

Propulser les opportunités
nucléaires pour le Canada

Public Meeting 2022

Meeting will commence shortly

AECL Public Meeting 2022



AECL Board of Directors





COVID-19



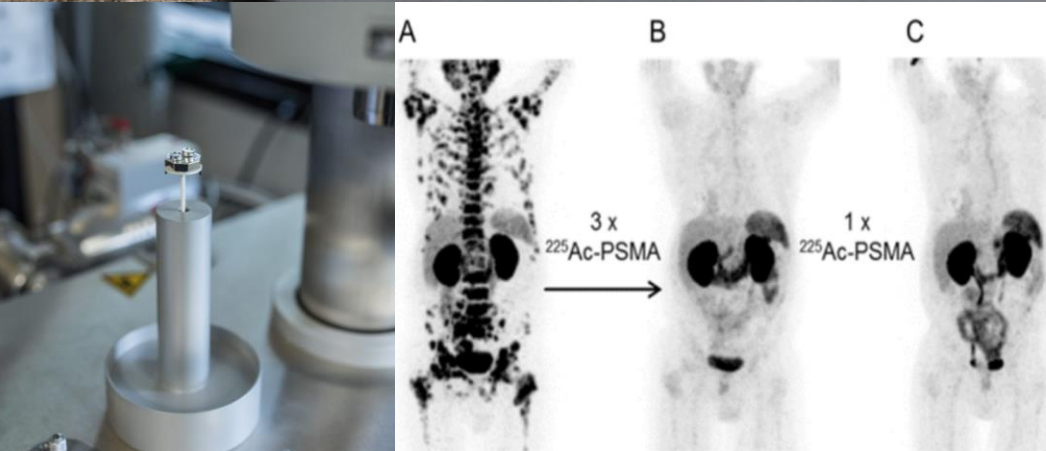
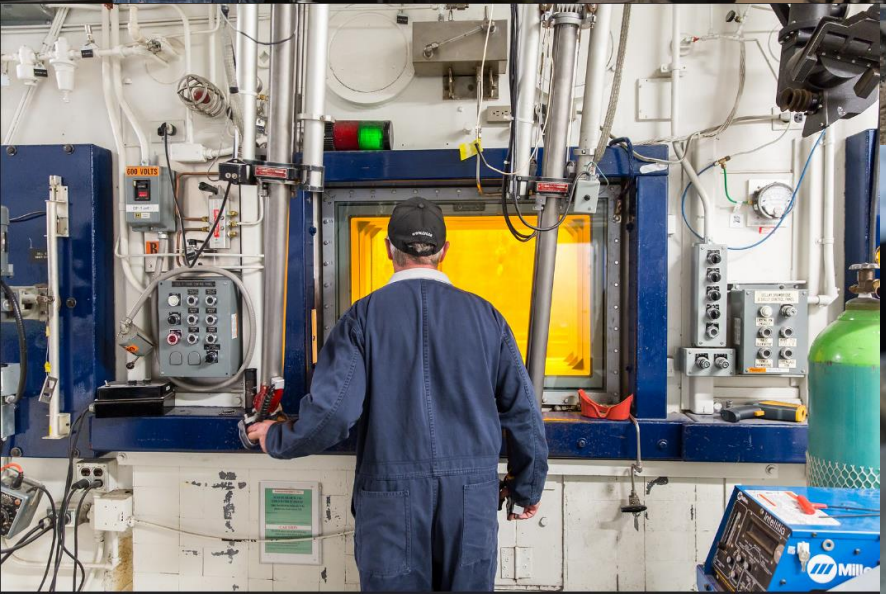
Our Mandate

- To enable the development and application of nuclear science and technology
- Protect the environment by managing the Government of Canada's radioactive waste and decommissioning responsibilities

Waste Management



Innovation



Chalk River Laboratories





Science Collaboration Centre

AECL's Role

- Set priorities
- Oversee the contract, assess performance
- Agent of government, support the development of nuclear policy



GoCo

**Atomic Energy of
Canada Limited (AECL)**
(Owner of sites and enduring
entity)

**Canadian National
Energy Alliance (CNEA)**
(Contractor, owner of Canadian
Nuclear Laboratories)

**Canadian Nuclear Laboratories
(CNL)**
(Operator and licensee;
enduring entity)

**Canadian Nuclear Safety
Commission (CNSC)**
(Regulator)

Contract

Agreements

Licenses





Reconciliation Commitments



Listening

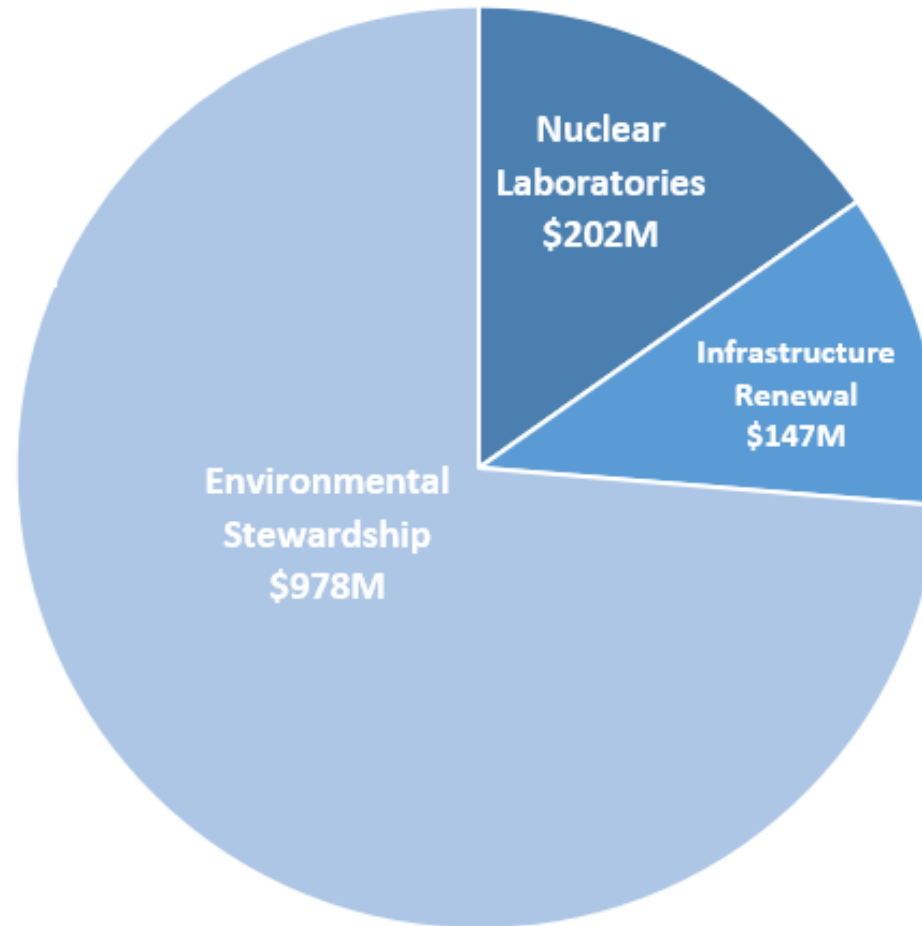
Integrating

Collaboration

Learning

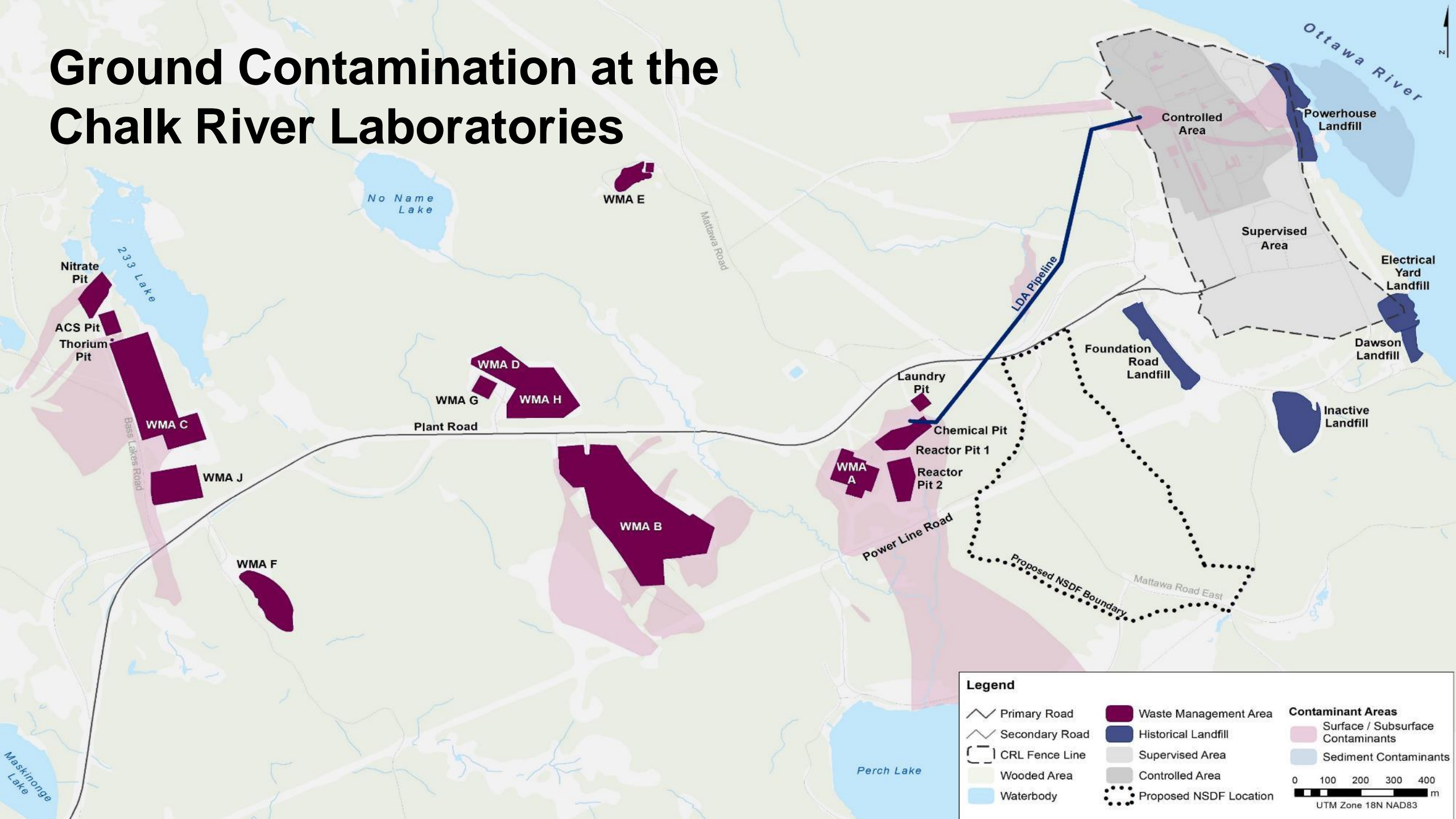


Funding for
2022-2023



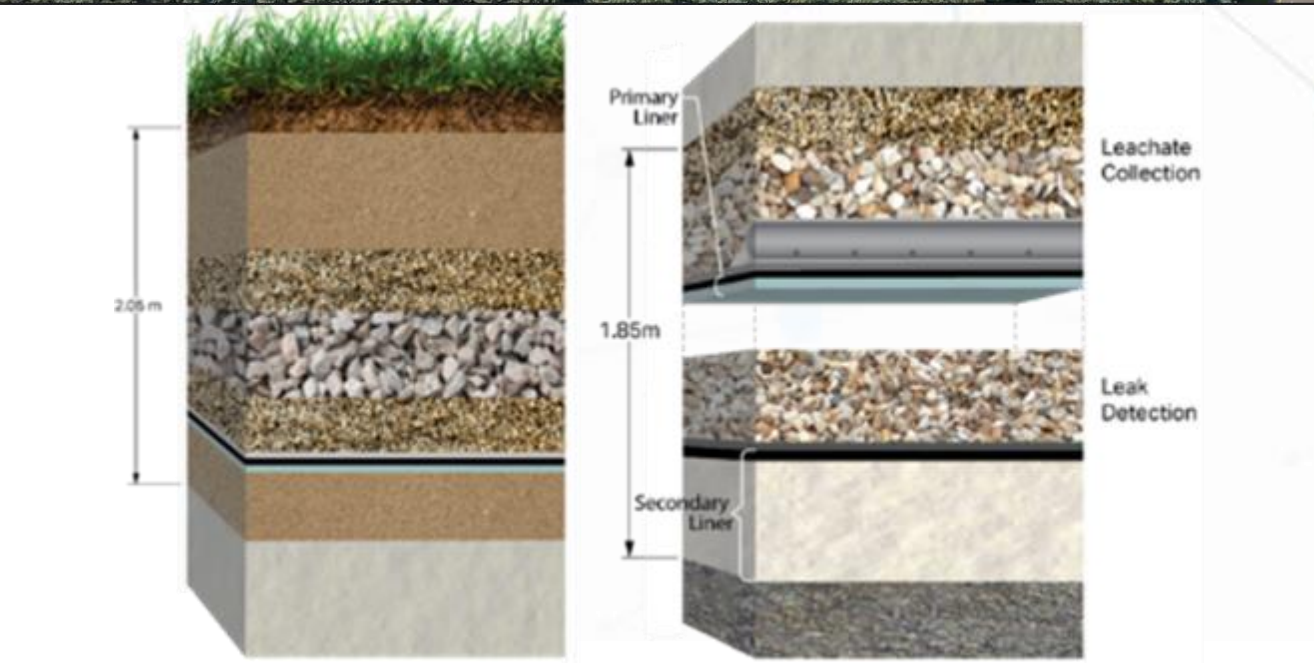
Total: \$1.3B

Ground Contamination at the Chalk River Laboratories





Near Surface Disposal Facility



Port Granby



Port Hope





Whiteshell Laboratories

The Whiteshell Laboratories, in Pinawa, Manitoba, is a former research site that is currently being decommissioned.



Whiteshell



WR-1 Research Reactor Decommissioning



Shut Down Prototype Reactors



Nuclear Power
Demonstration



Gentilly-1



Douglas Point

Northern Transportation Route



Fort Fitzgerald Temporary Storage Area removal/restoration complete



Fort Smith Landfill removal/restoration complete



Commissioner of Environment and Sustainability Developments Audit



“Overall, we found that Natural Resources Canada, the Canadian Nuclear Safety Commission, and Atomic Energy of Canada Limited did a good job of managing the low- and intermediate-level radioactive waste that makes up 99.5% of Canada’s radioactive waste output.”

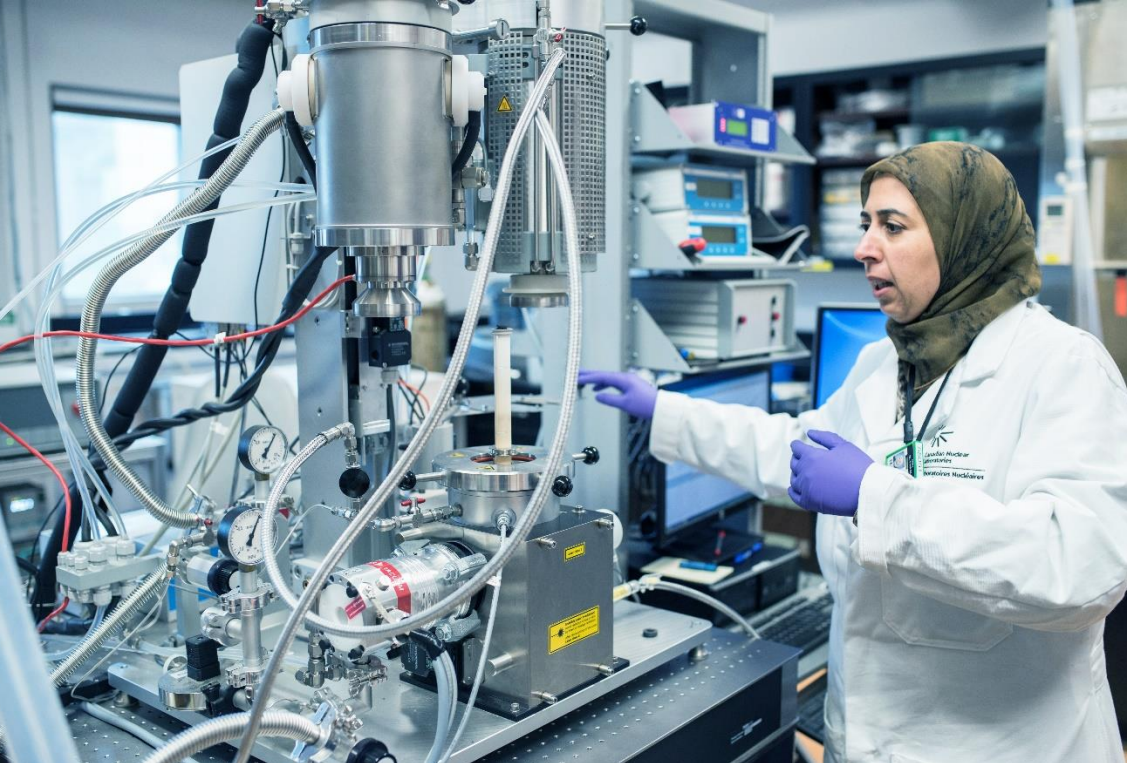
“The entities’ management of this waste aligns with key international standards that seek to protect the environment and the safety of current and future generations.”

Canada's National Nuclear Laboratories



Federal Nuclear Science and Technology Plan





Nuclear Science & Technology for Government

- Biological and health applications
- Environment and responsible waste management
- National security and emergency preparedness
- New nuclear technologies



Advanced Nuclear Materials Research Centre



Looking Ahead



For More Information



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