

**International Conference on the Safety of Radioactive Waste Management,
Decommissioning, Environmental Protection and Remediation: Ensuring
Safety and Enabling Sustainability**



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Engaging for Success: Port Hope Area Initiative Activities

The Port Hope Area Initiative (PHAI) represents the Canadian government's response to the community-requested solution for the cleanup and local, long-term, safe management of historic low-level radioactive waste, in the municipalities of Port Hope and Clarington, located in Southern Ontario. The waste is the result of the radium production and uranium purification activities of the former Crown Corporation, Eldorado Nuclear Ltd. and its private sector predecessors. With funding of CAD \$2.6 billion from Atomic Energy of Canada Limited, Canadian Nuclear Laboratories is implementing the PHAI to remediate and safely store more than 2M cubic metres of waste deposited in various ravines, waste disposal facilities and interim storage locations in both communities, as well as approximately 1,200 private properties in the urban area of Port Hope. Long-term waste management facilities including dedicated wastewater treatment plants and multi-layered aboveground storage mounds have been constructed in both communities to receive the remediated waste. The presentation will highlight project accomplishments including the successful completion of the Port Granby Project in 2022 and ongoing engagement with Indigenous communities and organizations, stakeholders and the public, as well as the responsive nature of the project to challenges faced.

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Track Classification: Track 4 - Integrating the views of society into decision-making considering technical, environmental, social, and economic factors