



Canadian Nuclear
Laboratories

Laboratoires Nucléaires
Canadiens

EXECUTIVE SUMMARY

Built to Innovate

2025 Sustainability Report



Read
our Full
Report



Canadian Nuclear Laboratories (CNL) operates on sites located on the traditional lands, waterways and ceded and unceded territories of Indigenous Peoples. CNL recognizes and affirms all First Nations, Métis, and Inuit on this land we now know as Canada. We acknowledge, respect and seek to better understand Indigenous history, rights and title on the lands where we work. We honour and respect the importance of the relationship between Indigenous peoples and their lands, waters and territories.

2025 Sustainability Report

CNL's approach to sustainability is rooted in the belief that Environmental, Social, and Governance (ESG) excellence is not only a moral imperative, but also a strategic business decision that will bring long-term value to the company. Each year, we prepare a Sustainability Report that examines the ESG issues most relevant to the organization, its shareholders, its principal client Atomic Energy of Canada

Ltd., Rightsholders and a diverse range of academic, industry and community stakeholders. This Executive Summary provides an overview of this year's Report, which highlights CNL's performance on key sustainability priorities across our operations for the fiscal year ending March 31, 2025.



"Working together across the sites CNL manages, we've made meaningful progress in shepherding sustainability through an environmental, social and governance lens, nurturing a culture that supports its people, local communities and the environment."

Jack Craig

President and CEO, CNL

CNL's New Sustainability Office and Enhanced Sustainability Strategy

To strengthen and coordinate sustainability efforts across all CNL sites and business areas, CNL established a new Sustainability Office which serves as the central hub for collaboration, integration, and progress on sustainability initiatives. It will also play a central role in advancing the implementation of CNL's enhanced Sustainability Strategy, which sets measurable goals and metrics to guide more sustainable operations. Through coordinated reporting, integration of sustainability principles into project planning and execution, and leadership on decarbonization, the Sustainability Office is driving meaningful progress toward CNL's long-term sustainability objectives.

CNL's Sustainability Strategy is anchored on three pillars, each with corresponding priority topics and managed issues, which reflect our sustainability priorities and inform our approach to sustainability reporting. Read further to explore our priority topics, and refer to the full Report for more detail into our 33 managed issues.



"At its core, sustainability is about making responsible choices that positively affect environment and social outcomes and create lasting value for all those who have a stake in CNL's plans, operations and outcomes."

Dilhari Fernando

Chief Sustainability Strategy Officer

CNL's Priority Topics

Environmental Stewardship



- Climate Action and Resilience
- Environmental Remediation and Waste Management
- Ecosystem Services

Responsible Management



- Business Model Excellence
- Effective Leadership

People and Communities



- Health and Safety
- Equity, Diversity and Inclusion
- Community Engagement and Public Safety
- Talent Attraction and Retention
- Indigenous Engagement

Sustainability Highlights (2024-2025)

Environmental Stewardship

- Reduced Scope 1 and 2 greenhouse gas (GHG) emissions by 53% from 2005 baseline at Chalk River Laboratories (CRL)
- Achieved a 36% reduction in energy use intensity (EUI) at CRL from our 2015 baseline, surpassing our 2035 target of 30%
- Diverted 95% of construction and demolition waste from landfill at CRL, surpassing our 2030 target of 90%
- Diverted 91% of conventional (clean, operational) waste from landfill, surpassing our 2030 target of 75%

People and Communities

- Achieved 81% of planned safety excellence deliverables
- Participated in over 100 public events
- Surpassed our Indigenous procurement target of \$15 million by 23%

Responsible Management

- Advanced cancer treatment by leading Actinium-225 production
- Refreshed CNL's Sustainability Strategy
- Established a dedicated Sustainability Office
- Expanded our university partnership program, outreach activities and student engagement

Our Commitment to Indigenous Nations, Communities and Organizations

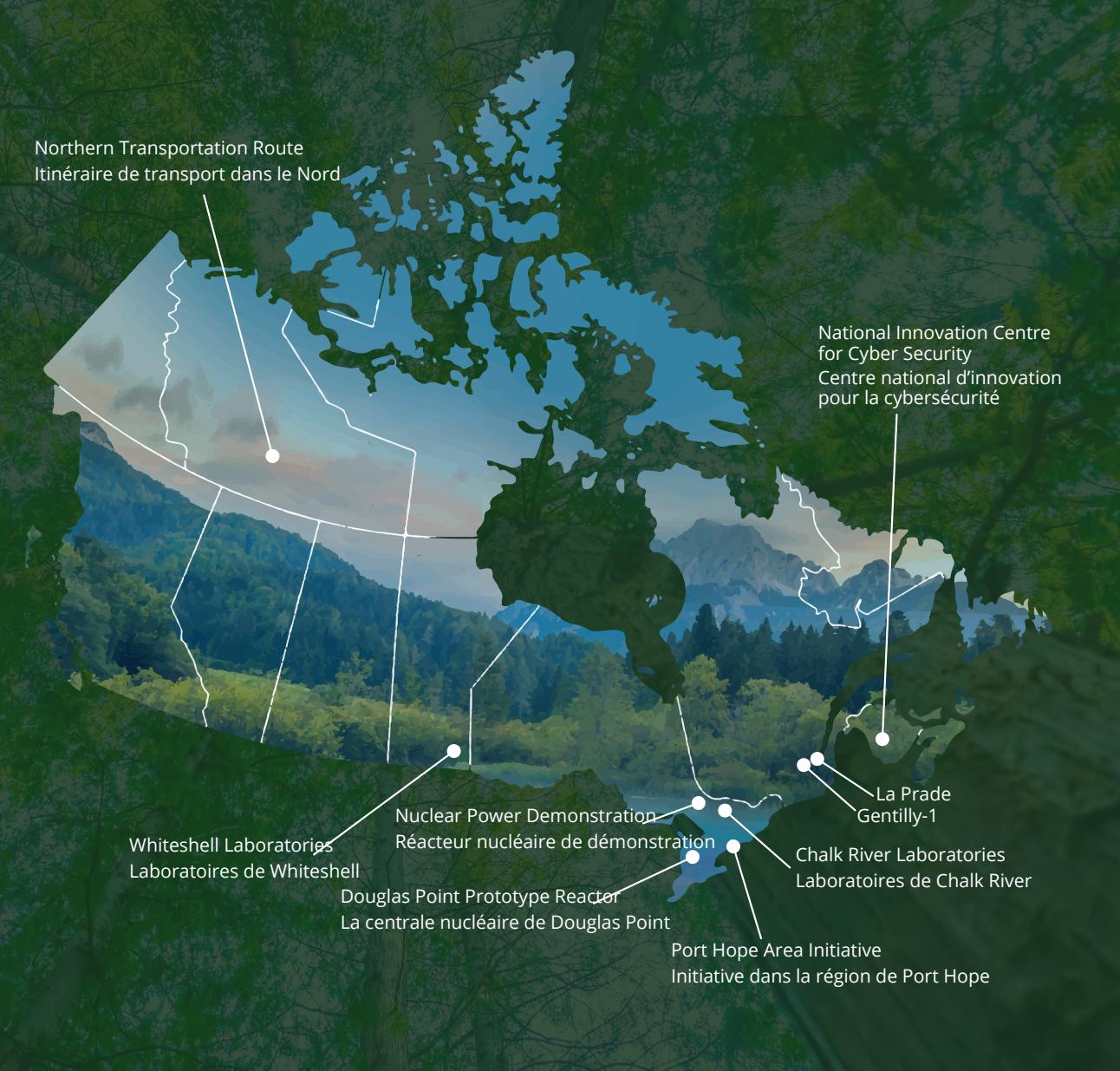
CNL manages projects and operations on Indigenous territories and lands. We are committed to building respectful, reciprocal relationships with Indigenous Nations, communities and organizations. We strive to do this in three ways: through consultation with Indigenous Nations, communities and organizations on CNL's plans, projects and priorities; through the

integration of Indigenous Traditional Knowledge and worldviews into projects and environmental stewardship and monitoring programs; and through providing opportunities for economic prosperity by way of capacity building, direct employment, and participation in our supply chain by Indigenous-owned companies.

Our Commitment to Local Communities

CNL believes in creating economic, social, and environmental value for the communities that neighbour our operations. We have several formal mechanisms to share information with, and solicit feedback from, our local stakeholders. Our public information program in-person, social and

traditional media, newsletters and websites to share information about our plans, operations and events. CNL is especially proud of our philanthropic efforts which support local causes and charities, and our outreach to youth to help develop the next generation of talent across the nuclear ecosystem.



4,400
EMPLOYEES
(approximate total workforce)

9
MANAGED SITES

30+
AGREEMENTS WITH
INDIGENOUS
NATIONS,
COMMUNITIES &
ORGANIZATIONS

9
PARTNERSHIPS
WITH UNIVERSITIES

70 YEARS
OF EXPERTISE

14
FEDERAL
DEPARTMENTS
& AGENCIES
SUPPORTED

About CNL

As Canada's premier nuclear science and technology laboratory and working under the direction of Atomic Energy of Canada Limited (AECL), CNL is a world leader in the development of innovative nuclear science and technology products and services. Guided by an ambitious corporate strategy known as Vision 2030, CNL fulfills three strategic priorities of national importance – restoring and protecting the environment, advancing clean energy technologies, and contributing to the health of Canadians.

By leveraging the assets owned by AECL, CNL also serves as the nexus between government, the nuclear industry, the broader private sector and the academic community. CNL works in collaboration with these sectors to advance innovative Canadian products and services towards real-world use, including carbon-free energy, cancer treatments and other therapies, non-proliferation technologies and waste management solutions.

Contact: Sustainability@cnl.ca



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