

# 2024 Highlights Canadian Association of Nuclear Host Communities (CANHC)

## Mapping the Evolving Nuclear Landscape



**CANHC**  
Canadian Association of  
Nuclear Host Communities

### February

Canadian Nuclear Association  
2024: Foundations for Success,  
*Ottawa, Ontario*

### March

International Atomic Energy  
Agency (IAEA) Nuclear Energy  
Summit 2024, *Brussels, Belgium*

### April

Northwest Nuclear Exploration  
Event, *Ignace, Ontario*

### October

Small Modular Reactor  
Summit: Pioneering Small  
Modular Reactors  
in Western Canada,  
*Edmonton, Alberta*

IAEA Technical Meeting  
on Strengthening Local  
Stakeholder Engagement,  
*Vienna, Austria*



### May

Federal Nuclear Caucus  
meeting, *Ottawa, Ontario*

Energy Communities Alliance  
Forum: Building Nuclear  
Partnerships and Projects,  
*Kennewick, Washington*

### September

Canadian Association Nuclear Host  
Communities meeting, *Kincardine  
and Bruce County, Ontario*

Ontario East Municipal Conference to  
support Nuclear Waste Management  
Organization (NWMO), *Ottawa, Ontario*

### June

Federation of Canadian Municipalities  
Annual Conference and Trade Show to  
support Nuclear Waste Management  
Organization (NWMO), *Calgary, Alberta*

2024 Canadian Nuclear Society  
Conference, *Saskatoon, Saskatchewan*



## Global Leadership in Nuclear Energy

With the nuclear sector growing globally, communities worldwide look to Canada for leadership. CANHC joined heads of state, representatives from the nuclear industry and non-governmental organizations at the first-ever Nuclear Energy Summit in Brussels, Belgium, to highlight the role of local government as a partner in safe and responsible nuclear energy production. To support clean energy initiatives that benefit residents, the environment, and the local economy, CANHC representatives visited Borsele, Netherlands and toured its nuclear facility.

Municipal organizations from Argentina and the Republic of Korea submitted letters of interest to join the Global Partnership of Communities with Nuclear Facilities at the IAEA Technical Meeting.

We're actively engaged in dynamic discussions with municipal representatives from Kenya and Britain, reinforcing our dedication to collaborating globally for the reliable deployment of nuclear technology within our communities.

## Thank You for a Great Year!

As technologies advance, we strengthen our communities through collaboration, knowledge-sharing, and advocacy with nuclear leaders. By fostering partnerships, advocating for adequate funding, and engaging with global experts, nuclear communities are safeguarding their residents and positioning Canada at the forefront of clean and reliable energy. Ongoing dialogue and collaboration will undoubtedly pave the way for innovative solutions, making Canada's nuclear future bright and sustainable.



## 2024 Accomplishments

### Interventions to the Canadian Nuclear Safety Commission

- ✓ Pickering Waste Management Facility
- ✓ Pickering Operating Extension Units 5 to 8
- ✓ License to construction BMRX-300 Darlington New Nuclear Project
- ✓ Darlington Construct of Isotopes
- ✓ Darlington License to Operate Renewal
- ✓ Regulatory Oversight Report for Canadian Nuclear Power Generating Sites for 2023
- ✓ ISCF Contribution Funding for Bruce C Expansion and New Impact Assessment Project
- ✓ Indigenous and Stakeholder Capacity Fund

## CANHC Network Grows

We welcomed new members into our network, supporting them as nuclear host communities, and fostering a proactive relationship with the Canadian nuclear regulator to ensure their best interests.

## Host Community Agreements Study: Insights, Frameworks, and Guidelines

Building on the previous study Nuclear Relations: Mutually Beneficial Relationships between Nuclear Operators and Communities for a Net Zero Future, CANHC commissioned an in-depth exploration of host community agreements for nuclear facilities. Drawing from a diverse range of European experiences, the findings offer a conceptual framework, case studies and practical guidelines to help host communities and developers design equitable, sustainable and effective agreements.

### The report outlines the core elements of community agreements:

- **Knowledge Building:** Developers must grasp the socio-economic, cultural, and historical contexts of host communities.
- **Capacity Development:** Communities should be equipped with resources and skills for effective negotiation.
- **Early and Inclusive Engagement:** Engage early, continuously, and meaningfully with all community stakeholders.
- **Comprehensive Agreement Design:** Include clear objectives, implementation plans, governance structures, and monitoring mechanisms.
- **Sustainability Focus:** Promote long-term community benefits beyond the operational lifespan.

The report highlights the importance of tailoring agreements to meet each community's unique needs and aspirations, especially as Small Modular Reactors (SMRs) present new opportunities for innovative energy solutions that must align with local priorities.

## Strengthening Isotope Production and Healthcare

Supported the launch of the CEOIA, a collaboration of isotope producers, healthcare providers, and municipalities in Central and Eastern Ontario Isotope Alliance (CEOIA). CEOIA aims to boost local economies, ensure isotope supply, and advance healthcare applications. Through advocacy and engagement, CEOIA will position the region as a global leader in the isotope sector, attracting investment and strengthening partnerships.

## Ambitious 2024 Workplan with CNSC Support

CANHC developed a groundbreaking 2024 work plan in collaboration with the Canadian Nuclear Safety Commission (CNSC). This plan outlines CANHC's priorities for enhancing policy review capacity and strengthening communication strategies and engagement outreach. This significant initiative has been funded with a \$66,000 grant from CNSC.

## Host Community Needs Assessment Report



CANHC has been tasked with reporting back to the CNSC on the needs of nuclear host communities. Often, these communities operate in isolation with limited opportunities for collaboration and partnership. There is no central repository of information and resources, leaving many host communities with scarce peers, little information, and no clear contacts

### Survey highlights

- CAOs and Elected Officials have a solid understanding of nuclear energy.
- Strong alignment in community support for nuclear energy: 44.44% of CAOs and 60% of Elected Officials indicated support.
- 28.57% of Elected Officials have never heard of CANHC, highlighting an opportunity for increased outreach and awareness.
- Broad support for a new framework for host community agreements to ensure consistency across host communities: 60% of CAOs and over 86% of Elected Officials are in favor.
- Greater outreach and engagement are needed with the CNSC.

This comprehensive survey and report demonstrates the value of engaging decision-makers to foster meaningful discussions on integrating expert knowledge within municipalities.



## Strengthening Canada's Nuclear Future Through Sustainable Funding

The nuclear communities seek a partnership with Ontario to bolster the province's nuclear capabilities. CANHC initiated a sustainable funding effort involving the federal government, provincial government, and various groups. With backing, CANHC can enhance its ability to serve both current and future host communities, advocate for their needs, and contribute to the growth and safety of Canada's nuclear sector.

Canada's leadership in nuclear energy relies on robust, well-prepared communities to host and support this vital industry. Providing funds to CANHC will empower these communities to meet ambitious energy goals, foster public confidence, and drive economic growth.

## AMO 2024

CANHC communities met with Minister of Energy and Electrification Stephen Lecce at the 2024 AMO Conference to discuss the global expansion of the nuclear sector. Proud host communities are committed to leading in nuclear and clean energy initiatives. We look forward to continuing collaboration with Ontario's Ministry of Energy to support clean initiatives that benefit our residents, environment, and local economy.

## Slovakia Nuclear Host Communities Delegation

The Team Leader of Nuclear Communications at Slovenske Elektrarne, along with the Chairman of the Nucleareurope Communication and Advocacy Committee, extended an invitation for a delegation of Mayors from communities near existing nuclear stations to meet during their visit to Darlington Nuclear Generating Station. The visit aimed to engage in discussions with prominent leaders and explore the advancements and collaborative opportunities within the nuclear sector.

