Community Conversations on Partnership

Setting the Groundwork for Exploring Next Steps

nwmo
NUCLEAR WASTE MANAGEMENT ORGANIZATION
SOCIÉTÉ DE GESTION DES DÉCHETS NUCLÉAIRES



What are the values and principles that should guide these more detailed discussions about the project?

Be involved in the discussion and share your thoughts by attending a discussion session, or by dropping off the question form at the Ignace Community Nuclear Liaison Committee office located at:
304 Main Street,
Ignace Town Centre Plaza,
Ignace, ON, P0T 1T0

Electronic versions can be emailed to
icnlc.office@gmail.com

Please submit completed forms by April 27, 2018.

Ignace is one of several communities in Ontario exploring the possibility of hosting the deep geological repository, Centre of Expertise, and other facilities that are part of Canada's plan for the long-term management of used nuclear fuel. The project is referred to as Adaptive Phased Management (APM).

Since 2009, Ignace has been involved in a process of learning about the project and assessing whether it could be a good fit for the community as part of the site selection process led by the Nuclear Waste Management Organization (NWMO).

Preliminary studies conducted to date suggest the APM project can be implemented safely in the Ignace area, and the project has the potential to align with the *Township of Ignace 2015-2019 Strategic Plan* and a number of other community reports.

Ignace and the NWMO are now at the point of beginning collaborative discussions to look at the project in more detail, to understand more clearly what it would mean if the project were implemented in the Ignace area, and how the project might be configured to fit with Ignace's priorities and objectives. Ultimately, the project will only proceed with the involvement of the Township of Ignace, First Nation and Métis communities in the area, and surrounding communities working in partnership to implement it.

The community conversations we are starting today are intended to help set the groundwork for these discussions. Values and principles are important because they will guide the way Ignace and the NWMO work with each other during more detailed conversations about the project.

What are the values and principles that should guide these more detailed discussions between Ignace and the NWMO? For example, values and principles might include the commitment to all ideas being considered, the need to report regularly to community members to ensure transparency, treating benefit to the community as paramount, and engaging in the spirit of mutual respect.

Once we establish the values and principles to guide the partnership discussion, the next step would be to explore in detail:

- the various components of the project and how these components might fit within the community or be distributed in a broader area;
- the involvement of neighbours and partners in the implementation of this large project and how to engage them;
- the investments in the area that would be needed to support the project; and
- coming together finally in the development of a plan for how the project would be implemented if the area was selected to host the project and it decided to do so.

Throughout, we will develop a clear picture of the benefits for the community and area and any challenges or risks. We have time to consider this carefully over the next several years.

To help get the conversations started, we have identified a few discussion questions. There is a large library of material that has been assembled through activities to date – we have summarized some of that material in the pages that follow as background for this discussion with links for further learning.

Background Information:

A. Our Shared Responsibility

Canada has been generating electricity from nuclear power for more than half a century. Nuclear power has been a significant source of Ontario's electricity for several decades and is currently responsible for more than 60 per cent of Ontario's power. One of the legacies of this electricity production is used nuclear fuel, which is a compact, solid material that needs to be contained and isolated from people and the environment, essentially indefinitely.

Canada, like many other countries around the world, has a plan for the safe, long-term management of used nuclear fuel. It will ensure the used fuel can be kept separate from people and the environment without needing anyone to actively take care of it. The plan uses the best science and learnings from nature and natural systems. It is recognized internationally as the best approach.

There are currently just under 2.7 million used nuclear fuel bundles safely stored in interim storage facilities that require long-term management.

Canada's plan was developed in dialogue with a broad cross-section of Canadians and Indigenous peoples across the country (2002-2005). The Government of Canada selected APM as Canada's plan for the long-term management of used nuclear fuel. The starting point for this plan is that this generation is taking responsibility for the management of the waste it has created and is not leaving it as a burden to future generations.

B. The Plan

APM has as its end point a deep geological repository that will safely contain and isolate Canada's used nuclear fuel. An extended monitoring period and a repository design that allows retrievability are key components. APM also includes a management system that is based on phased and adaptive decision-making supported by sustained engagement of people and communities throughout implementation. It also includes continuous learning to ensure we are responsive to advances in technology, research, Indigenous Knowledge, and societal values.

The project consists of surface facilities as well as the repository, which must be located in a suitable rock formation. Some of the surface facilities could be located directly above the repository or dispersed within the region, depending on the communities' desires and preferences.

A national Centre of Expertise will be an important part of the project. The Centre of Expertise will be located in or near the area selected to host the deep geological repository. The centre's key purpose initially will be to support the multi-year program of technical testing and verification, and to support ongoing planning and discussion with community members. It would later be expanded to support construction and operation of the deep geological repository. Important aspects of the centre will be developed collaboratively with the community. The Centre of Expertise will be home to active technical and social research, and a technology demonstration program. It will involve scientists

and other specialists in a wide variety of disciplines, including geoscience, engineering, and environmental, socio-economic, and cultural impact assessment. The centre will become a hub for knowledge sharing across Canada and internationally. The high level of international collaboration will be expanded as the centre welcomes scientists and visitors from other countries who wish to benefit from the work being led at Canada's national facility.

This national infrastructure project involves an expenditure of approximately $23.6 billion (2015 $). It will be an engine for economic activity across an area involving sustained employment and investment over many decades.

C. The Site Selection Process

Since 2010, the NWMO has been working collaboratively with interested communities to identify a single site where Canada's used nuclear fuel can be safely and securely contained and isolated over the long term. The initiative to begin to explore the suitability of areas has come from communities that expressed interest in learning more about the project. Their expressions of interest began a process of technical studies that identified potentially suitable study areas within and around those communities. Engagement and outreach are now broadening to include First Nation and Métis communities, as well as neighbouring municipalities in learning more about the project and becoming involved in decision-making.

Twenty-two communities initially came forward to learn about the project and explore the potential to host it in their area. A series of increasingly detailed studies to assess potential to meet the project's robust technical safety and social requirements have informed a gradual narrowing-down process. Preliminary assessment studies are now focused in and around five of these communities. At this stage of the process, none of these communities, including Ignace, have decided to host the project.

For More Information

Description of a Deep Geological Repository and Centre of Expertise for Canada's Used Nuclear Fuel

Available at nwmo.ca

Ignace Community Values, Aspirations, and Findings from Early Studies

Ignace has outlined a vision, mission, guiding principles and goals for the community in *Township of Ignace 2015 – 2019 Strategic Plan – "Make Ignace Home"*. These are briefly outlined below.

Vision

To be a safe, attractive and caring community that focuses on quality of life, driven by a healthy diversified economy based on principles of sustainability.

Mission

To deliver sustainable municipal services and foster stable economic and population growth through effective leadership.

Guiding Principles

The Municipal Council of the Township of Ignace has committed to the following principles:

- Effective Decision Making
- Fostering Stable Economic and Population Growth
- Being Fiscally Responsible
- Utilizing Local Assets to Our Advantage

Goals

To be a safe, attractive and caring community that focuses on quality of life, driven by a healthy diversified economy based on principles of sustainability.

- Make the Township of Ignace an attractive and welcoming community; make it a place that people want to call home.
- Market the Township of Ignace, its assets, the quality of life it offers and its affordability to elders groups and others.
- Establish an Economic Development Structure equipped with an Economic Development Professional capable of creating plans, developing initiatives and securing funding for the implementation of this plan.
- Develop partnerships with government, industry, municipal associations, not-for-profit organizations and others in order to help create economic stimulus that will attract people to and retain people in the Township of Ignace.
- Promote and support entrepreneurism and economic development initiatives.
- Diversify the economic basis through added value propositions from our natural resources.
- Bring new residents to the Township of Ignace.

Findings from Earlier Studies

Studies conducted to date suggest the APM project could potentially be a fit for Ignace. The project has the potential to enable the aspirations of the community as laid out in plans and, through this, foster well-being as Ignace defines it. The project would provide economic growth, stabilize and grow the population and provide the Township with the human and fiscal resources necessary to shape its future and well-being.

The project can be developed in a manner that protects people and the environment. Effective mitigation would ensure the quality of the natural environment that makes up the parks and protected areas near the community is maintained. Where desired, municipal revenues from the project could be used to fund environmental, recreational and tourism initiatives in the area.

For More Information:

Ignace Reports

- Township of Ignace 2015-2019 Strategic Plan – "Make Ignace Home"

NWMO Studies

Available at nwmo.ca

- Community Profile
- Community Well-Being Assessment
- Project Economics: Employment



NUCLEAR WASTE MANAGEMENT ORGANIZATION
SOCIÉTÉ DE GESTION DES DÉCHETS NUCLÉAIRES

April 2018

Community conversations on partnership

Reviewing draft principles

nwmo
NUCLEAR WASTE MANAGEMENT ORGANIZATION
SOCIÉTÉ DE GESTION DES DÉCHETS NUCLÉAIRES



Ignace is one of several communities exploring the possibility of hosting the deep geological repository and Centre of Expertise that are part of Canada's plan for the long-term management of used nuclear fuel. None of these communities, including Ignace, have decided whether or not they wish to host the project.

Preliminary studies suggest this national infrastructure project can be implemented safely in the Ignace area and that the project has potential to align with the *Township of Ignace 2015-2019 Strategic Plan*, along with a number of other community reports.

Ignace and the Nuclear Waste Management Organization (NWMO) are beginning detailed discussions to explore what it would mean if the project were implemented in the community. A Working Group was brought together by the Ignace Community Nuclear Liaison Committee (ICNLC) to think about the values and principles that should guide discussions and future decision-making between Ignace and the NWMO as we continue to explore the project. The Working Group developed a draft list of principles for discussion with the community.

We need your input. Please review the draft principles and share your thoughts!

Please provide your contact information so we can continue to involve you.

Name: _____

Address: _____

Telephone: _____

Email: _____

Thank you for sharing your thoughts and being involved in the discussion. Completed forms can be dropped off at the ICNLC office (304 Main Street, Ignace Town Centre Plaza, Ignace, ON, P0T 1T0).

Electronic versions can be emailed to icnlc.office@gmail.com.

Please drop off completed forms by April 30, 2018.

Review the draft principles

1 Respect and regard

» The host community must be acknowledged, and its well-being respected.
» Ignace needs to be recognized for its leadership on this project.
» The long-standing residents who have supported the community need to be looked after.
» Community residents need to be open to change and new ideas.

2 Accountability, responsibility and transparency

» Accountability among partners is essential for a strong partnership.
» Communication among partners must be open, upfront and informative.
» The NWMO needs to hear and acknowledge community aspirations.

3 Diversity, inclusivity, equality, and interdependence

» Youth need to be engaged. They are the future of the community and will be the employees of the project.
» The social, economic and cultural attributes of Ignace are intertwined within the community and surrounding region.
» Community hospitality is a defining characteristic and huge strength of Ignace.

4 Integrity and honesty

» Trust requires honest information.
» Trust, honesty and respect are essential for sustainable relationships.
» If commitments are made, they need to be honoured.

5 Safety

» Information on nuclear safety needs to be backed by science.
» Safety is an all-encompassing parameter for the project and community.
» Safety messaging must be ongoing; people still need to learn and be comfortable.

6 Communications

» Keeping people informed must be ongoing.
» Project information must be distributed across the community from top to bottom.
» The community must have the information necessary to enable informed decisions.
» Communications need to be clear, concise and easily understood by all audiences.

7 Managed growth

» Ignace needs to build capacity.
» Ignace has a family feel; the community is gentle and generous – these qualities should not be lost.
» The community needs to be sustainable.

Share your thoughts

Question 1

Have we covered what is most important? Are there important values and principles that should be added?

Question 2

Each value and principle has a short description. Can you suggest refinements to these descriptions that would make them clearer or the principles stronger?

Question 3

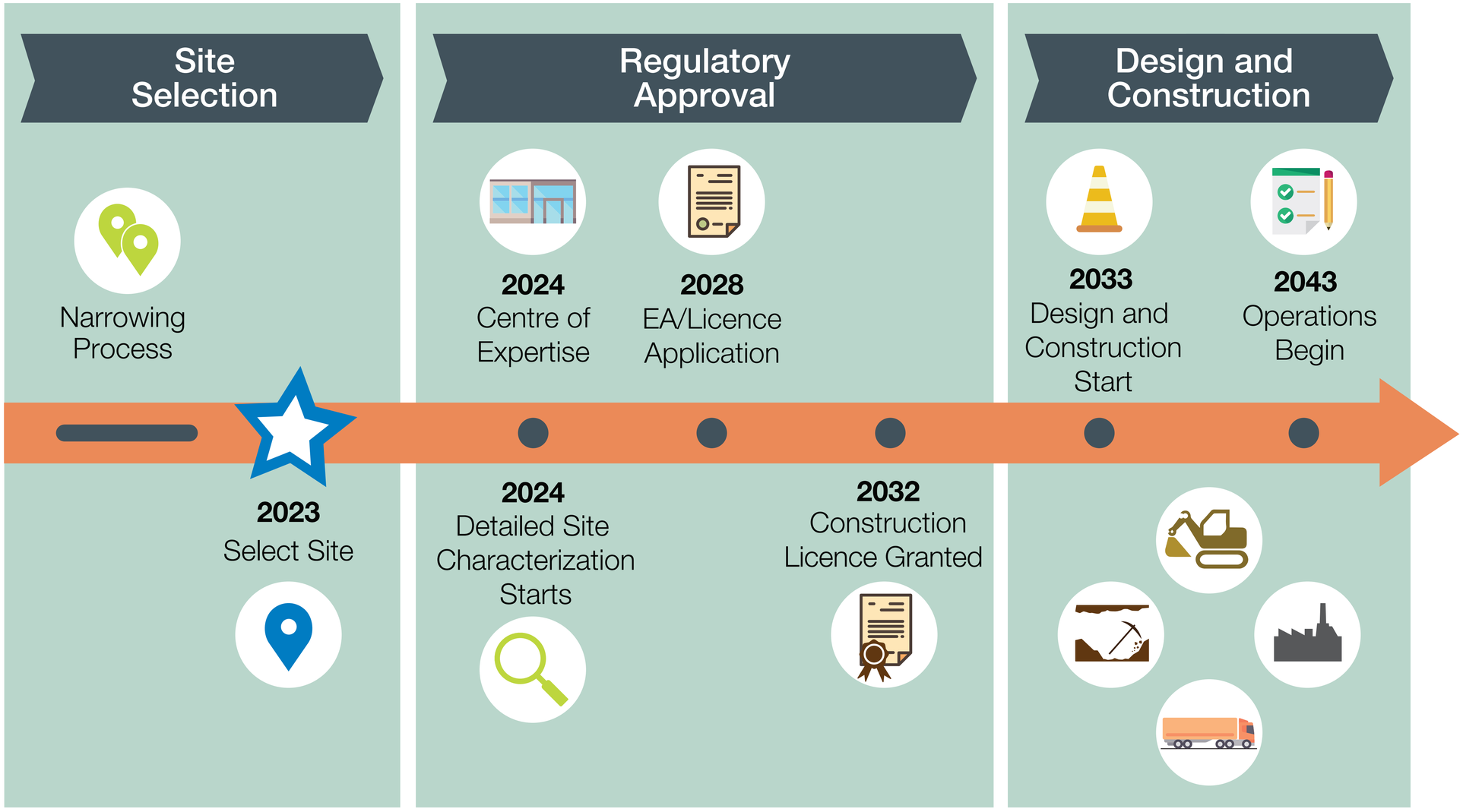
Do you have other comments or suggestions?



NUCLEAR WASTE MANAGEMENT ORGANIZATION
SOCIÉTÉ DE GESTION DES DÉCHETS NUCLÉAIRES

Poster boards for community workshops

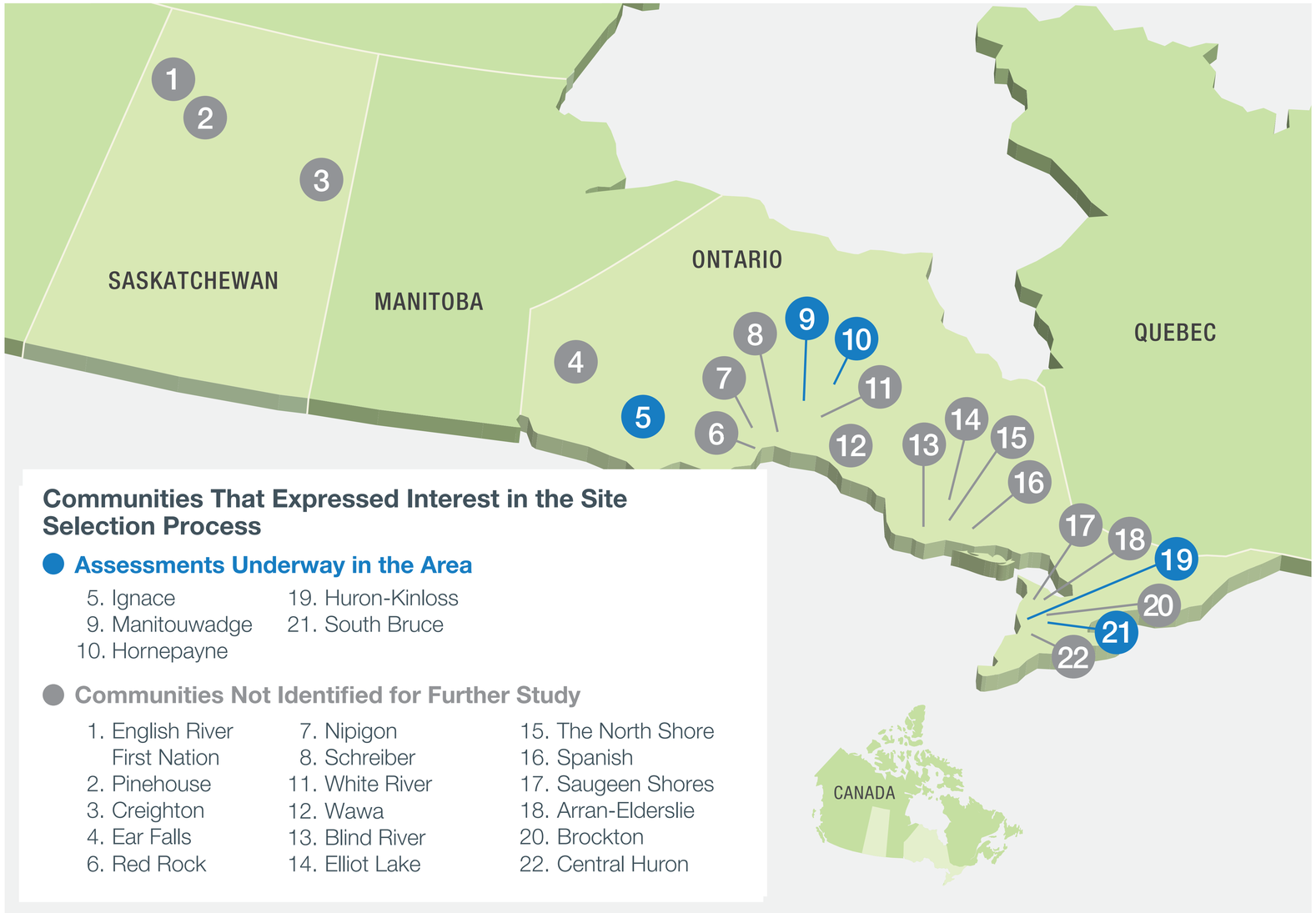
Project timelines



Proposed roadmap to partnership (2017-2022)

Aligned Partnerships	Through a schedule developed and agreed upon with partners
Investments	Identify and deliver investments that drive capability and economic prosperity for partners
Identify Required Partnerships	Identify required partnerships with whom, at what level, in what combination, and when
Develop Vision for the Project	Develop the project vision that will meet NWMO and Ignace interests, and potential partners as well
Values and Principles to Guide Partnership Discussions	Agree on common values and principles to guide partnership discussions

Status of the site selection process



Communities That Expressed Interest in the Site Selection Process

Assessments Underway in the Area

5. Ignace
9. Manitouwadge
10. Hornepayne
19. Huron-Kinloss
21. South Bruce

Communities Not Identified for Further Study

1. English River First Nation
2. Pinehouse
3. Creighton
4. Ear Falls
6. Red Rock
7. Nipigon
8. Schreiber
11. White River
12. Wawa
13. Blind River
14. Elliot Lake
15. The North Shore
16. Spanish
17. Saugeen Shores
18. Arran-Elderslie
20. Brockton
22. Central Huron

Focus of assessments

Safety	Confidence a deep geological repository can be developed with a strong safety case at that location
Transportation	Confidence a safe, secure and socially acceptable transportation plan can be developed
Partnership	Confidence a strong partnership can be developed with the interested community, First Nation and Métis communities in the area, and surrounding communities

We need your input



The Working Group was brought together by the Ignace Community Nuclear Liaison Committee (ICNLC) and its task was to begin to think about the values and principles that should guide discussions and future decision-making between Ignace and the NWMO as we continue to explore the project. The Working Group developed a draft list of values and principles for discussion with the community – we need your input on the following:

Question 1 Have we covered what is most important? Are there important values and principles that should be added?

Question 2 Each value and principle has a short description. Can you suggest refinements to these descriptions that would make them clearer or the principles stronger?

Question 3 Do you have suggestions on next steps?