

**nwmo**

NUCLEAR WASTE  
MANAGEMENT  
ORGANIZATION

SOCIÉTÉ DE GESTION  
DES DÉCHETS  
NUCLÉAIRES



# APM Preliminary

# Assessments

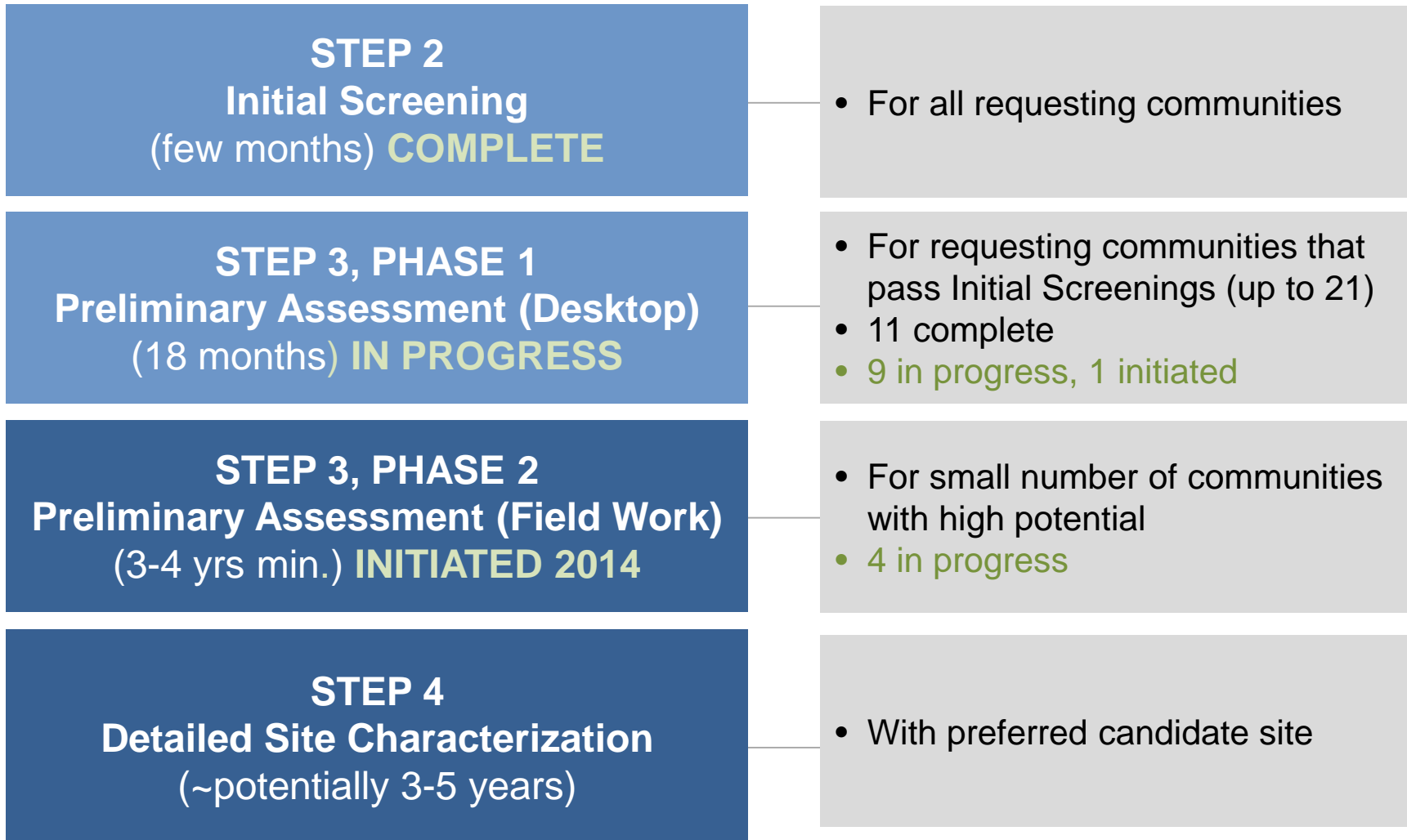
Next Steps

October 2014

# Purpose of Today's Meeting

- Where are we in the process?
- What are the NWMO's plans for the next few months?
- What happens after findings are shared?

# Where are we in the process?





SASKATCHEWAN

1  
2

3

MANITOBA

ONTARIO

4

5

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QUEBEC

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22

**Communities in Step 3, Phase 2**

*Preliminary Assessments*

- 3. Creighton
- 5. Ignace
- 8. Schreiber
- 10. Hornepayne

**Communities in Step 3, Phase 1**

*Preliminary Assessments*

- 9. Manitouwadge
- 11. White River
- 13. Blind River
- 14. Elliot Lake
- 15. The North Shore
- 16. Spanish
- 19. Brockton
- 20. Huron-Kinloss
- 21. South Bruce
- 22. Central Huron

**Communities not identified for further study**

- 1. English River First Nation
- 2. Pinehouse
- 4. Ear Falls
- 6. Nipigon
- 7. Red Rock
- 12. Wawa
- 17. Arran-Elderslie
- 18. Saugeen Shores



# Narrowing our Focus

## Early 2015 (date to be set):

- The NWMO will publish Preliminary Assessment Reports and series of supporting reports for 9 communities completing Phase 1
- NWMO will identify small number of communities invited to advance to Phase 2
- This information will be communicated in an organized way in each of the communities



# Four Key Questions

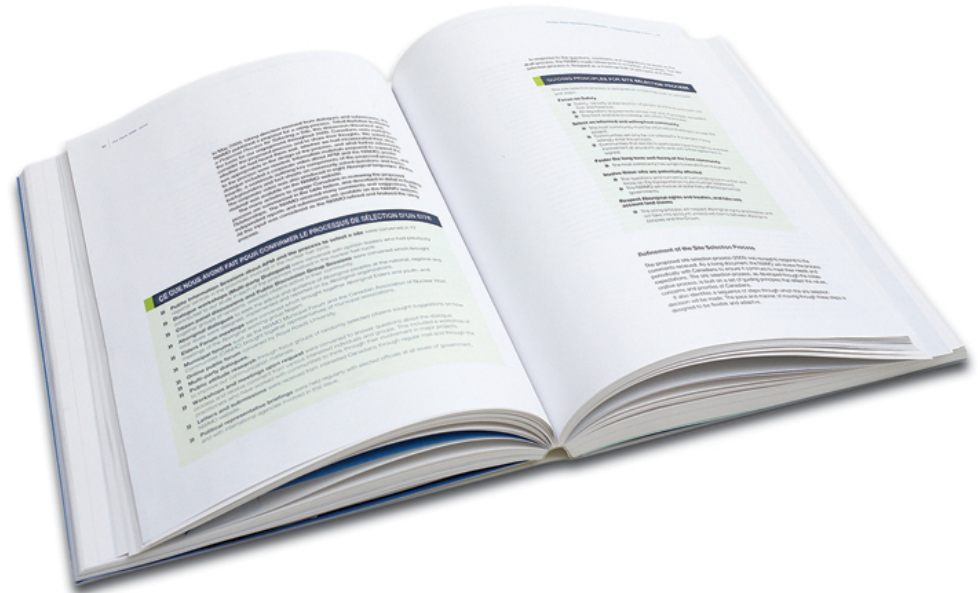
- Potential to find a safe site?
- Potential to foster well-being of community?
- Potential for citizens' continued interest?
- Potential to foster well-being of surrounding area?



# Preliminary Assessment Report

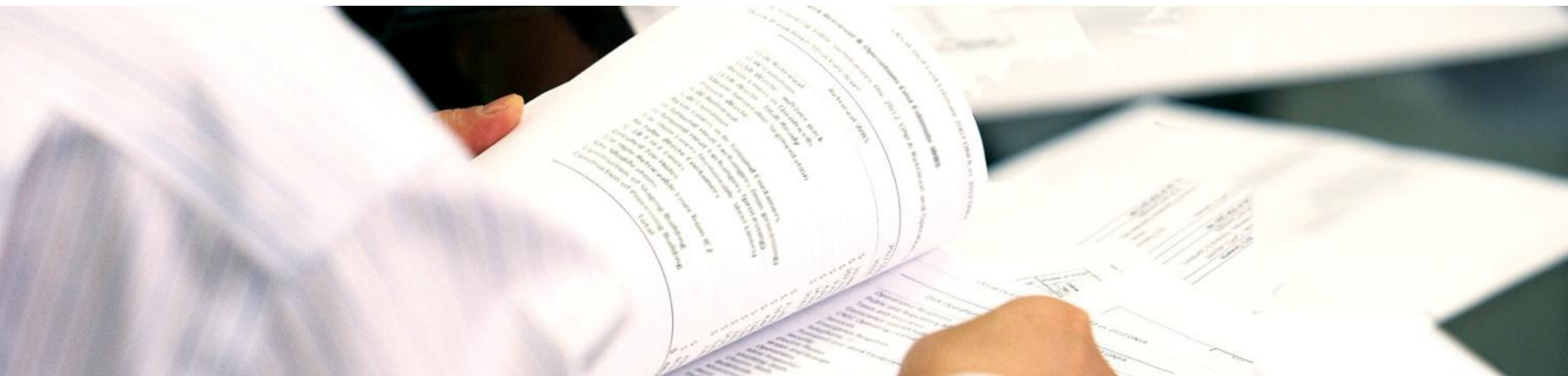
## Table of Contents

- Introduction
- Introduction to Community
- Geoscientific Assessment
- Engineering
- Transportation
- Environment and Safety
- Well-Being Assessment
- Reflection on Potential Suitability of Community Appendices



# Other Documents

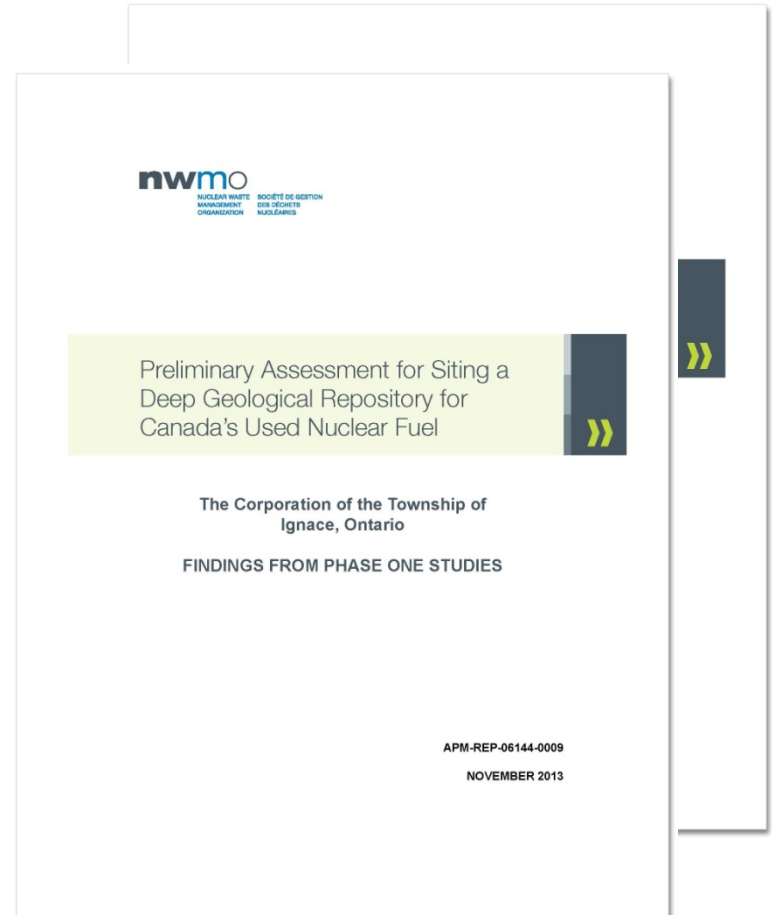
- Geoscientific Assessment Report
- Lineament Analysis Report
- Terrain Analysis Report
- Geophysics Report
- Environment Report
- Community Well-Being Assessment Report
- Community Profile Report





# Completing the Assessments

- Reviewing Geoscience findings with APM Geoscientific Review Group
- Continuing internal NWMO reviews as assessment findings integrated for each community
- Finalizing reports and preparing to roll out information in an organized way with each community





# **Next Steps for Communities Identified for Phase 2 Studies**



# Phase 1 activities

- **Agreement to proceed**  
NWMO and accountable authorities
- **Safety**  
Scientific and technical studies of geology
- **Community well-being**  
Desktop studies and engagement
- **Regional picture**  
Engage leaders in First Nations, Métis and other surrounding communities
- **Stock-taking**  
Review findings about potential suitability, identify areas for Phase 2 study



# Initial Phase 2 Activities

## Initial studies

- Geophysical surveys
- Environmental surveys
- Geological field mapping
- Dialogue and planning with community, Aboriginal communities, surrounding areas
- More intensive learning

Review findings, conclude work  
in areas with low potential



# Later Phase 2 Activities

## Intensive field work and engagement

- Limited borehole drilling and testing program
- Explore potential for partnership with:
  - interested community
  - Aboriginal communities
  - surrounding communities

**The project will only proceed with the interested community, First Nation and Métis communities and surrounding municipalities working in partnership.**





**Questions?**