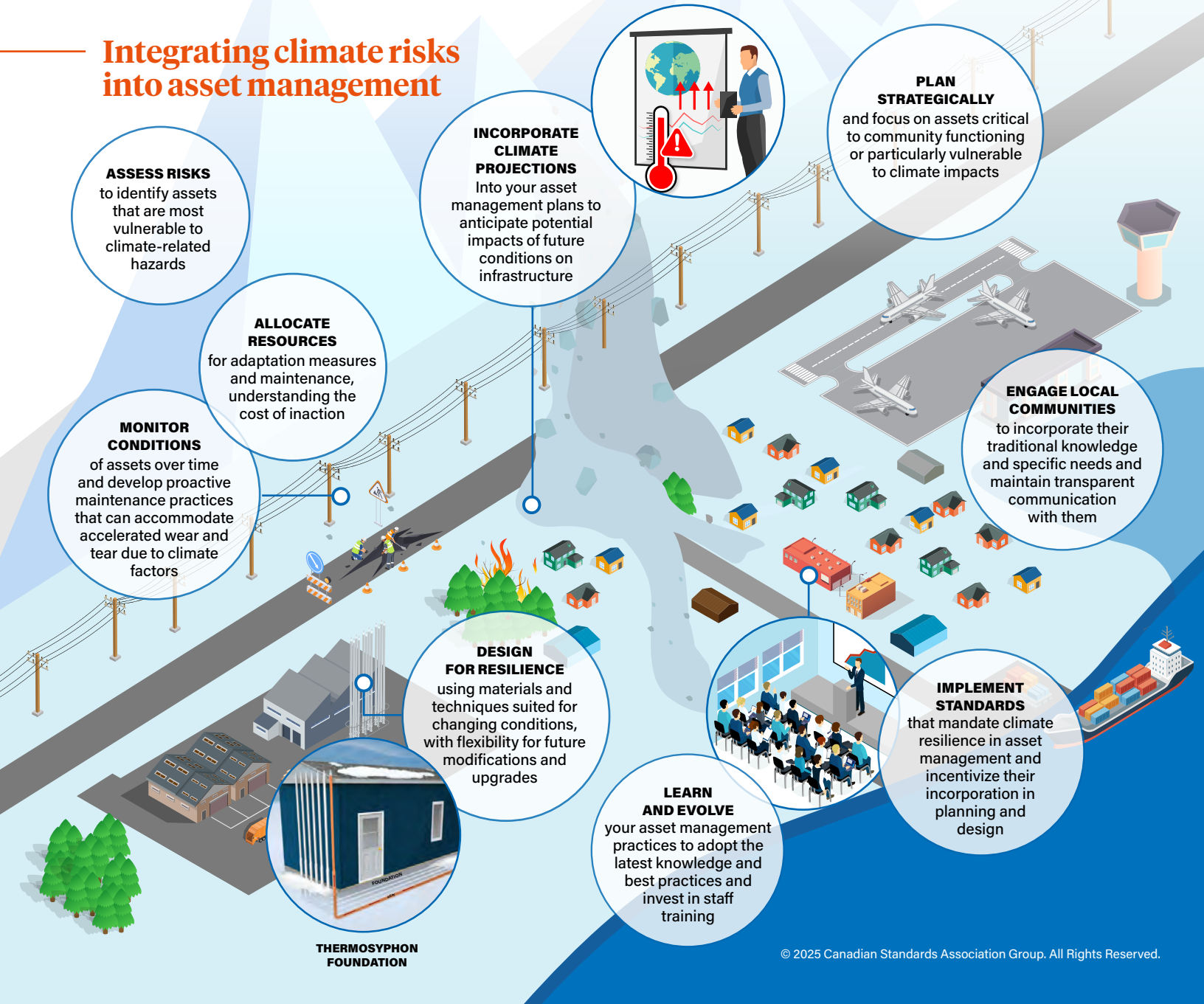
# Helping boost infrastructure resilience in Canada's North

## CSA TS-506:25, A climate risks-informed approach to asset management in Northern regions

Canada's North is being disproportionately affected by climate change. The region is warming significantly faster than the rest of the country, which impacts its ecosystems, infrastructure, the economy, and the traditional way of life. Approaches that combine climate risk considerations with asset management can help strengthen northern communities and support effective climate adaptation measures that boost the resilience of their infrastructure.

The technical specification CSA TS-506:25 provides guidance on how to integrate climate risks into asset management practices and helps organizations ensure that their built and natural infrastructure assets in northern regions are better prepared to withstand the impacts of extreme weather events and incremental climate changes to deliver optimal services across their full lifecycle.

## Integrating climate risks into asset management




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## Who should use the standard?

- Asset planners
- Designers
- Managers
- Decision makers
- Natural assets professionals
- Municipalities & regional government agencies
- Federal, provincial, and territorial governments

# Adopting the guidance of the technical specification CSA TS-506:25 can help:



**Increase resilience**
of the community to the changing climate through proactive adaptation planning



**Improve service reliability**
provided by the assets over their life cycle to deliver infrastructure services at established levels



**Prioritize investments**
to address critical infrastructure vulnerabilities related to climate change



**Understand the cost of inaction**
and the economic and social consequences for communities



**Develop structured decision making**
that incorporates reliable data, input from all affected parties, and ensures transparency

## Get CSA TS-506:25

csagroup.org/TS-506

Learn more about CSA Group research and standards for increased resilience of northern infrastructure:
csagroup.org/ResilientNorth
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