

*From Ideas to Action:
Advancing Adaptation
Implementation in Canada's
Natural Resource Sectors*



Webinar 1 - Shaping Our Peer Learning Community: Kickoff for Advancing Adaptation Implementation

October 9, 2025

Supported by Natural Resources Canada's [Climate Change Adaptation Program \(CCAP\)](#).



About Climate Risk Institute (CRI)

<https://climateriskinstitute.ca>

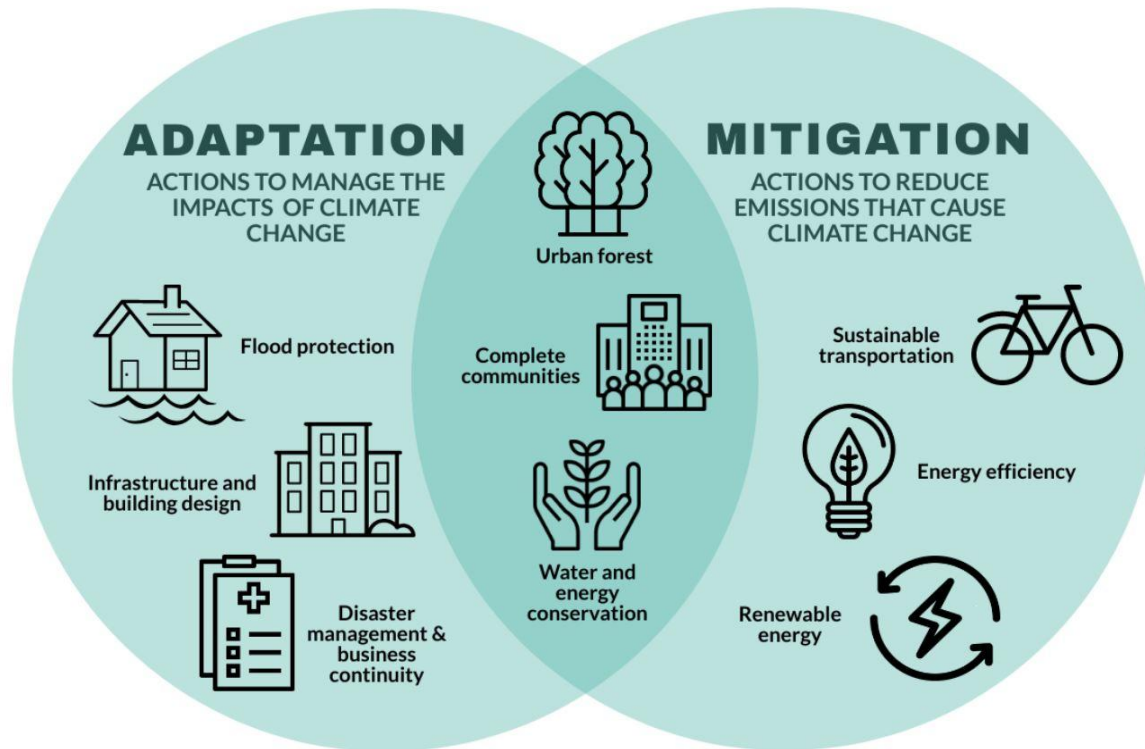


Agenda

- Welcome
- Background and Purpose
- Audience Warm-up
- Overview of the Implementation Insights project
 - Introduction to Peer Learning Group
- Role of online peer learning
 - Hosted on CanAdapt – Guest Speaker: Niharika Bandaru, Community Lead, CanAdapt
 - Demo of Peer Learning Group
- Break-out Rooms – Shaping our peer learning community
- Regroup and Closing Remarks



Climate Change Mitigation vs. Adaptation



Why both matter

- Focusing only on mitigation leaves us exposed to current impacts.
- Effective climate action needs both — but **adaptation lags behind....**

Overlap and Differences between Adaptation and Mitigation
(Image credit: ICLEI Canada, 2019)

Adaptation Implementation – From Planning to Doing

Adaptation implementation means putting climate plans into practice - **turning goals, policies, or strategies into concrete actions** that build resilience on the ground.

*In simple terms: **moving from planning to doing.***



Upgrading infrastructure

- roads, power lines, and facilities to handle floods, storms, or permafrost



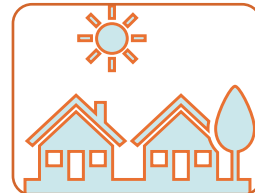
Adaptive forest management

- reducing wildfire risks and protecting ecosystems



Climate-informed operations

- using data and risk maps for energy or mining operations safely

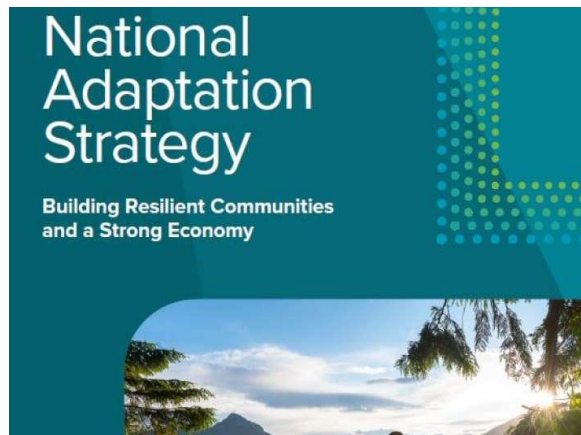


Community-based adaptation

- strengthening local preparedness and emergency systems to reduce climate risks

Examples

Why This Series? Why Now?



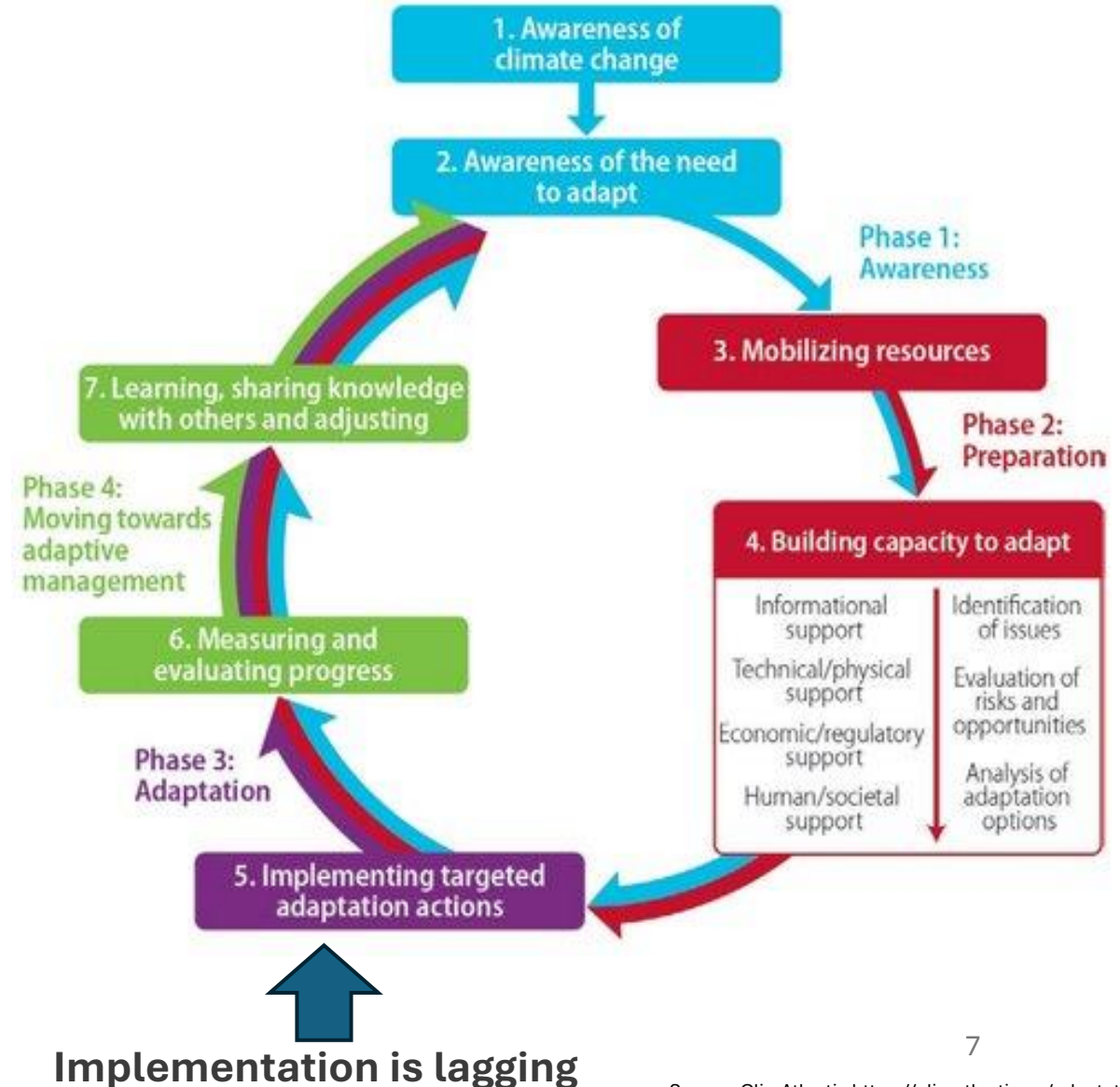
- **Climate change continues to affect Canada in diverse ways.**
- **Canada has made significant progress on climate change adaptation**
 - 2023: first National Adaptation Strategy
 - *Canada in a Changing Climate* reports
 - Support for climate data (climatedata.ca)
 - Sectoral and regional initiatives underway
- **More progress is needed to close the adaptation gap**

The Adaptation Planning Process

Four basic steps:

1. Understanding and raising awareness
2. Developing a plan
3. Implementing actions
4. Monitoring and learning

The cycle is then repeated — as climate change adaptation is an ongoing, iterative process.



A person wearing a yellow sweater is sitting at a wooden desk, using a laptop. The image is dimmed, and white text is overlaid on the left side. The person's left hand is on the laptop trackpad, and their right hand is near the keyboard. They are wearing several bracelets on their left wrist.

Audience Warm-Up

Poll questions

Implementation Insights (2024–2026)



Forestry



Energy



Mining

Supported by Natural Resources Canada's [Climate Change Adaptation Program \(CCAP\)](#).



Natural Resources
Canada





Ressources naturelles
Canada

Canada

Purpose

To strengthen climate adaptation implementation across Canada's natural resource sectors

Goals

-  Identify and analyze **Drivers, Enablers, and Barriers (DEBs)** of adaptation implementation
-  Gather **real-world insights** from professionals and organizations
-  Co-develop **practical tools and recommendations** to strengthen implementation
-  Build a **shared knowledge base** through collaboration and peer learning

Stewardship Committee Organizations

- Ontario Woodlot Association
- Electricity Canada
- Electric Power Research Institute (EPRI)
- Nuclear Innovation Institute
- Institute for Catastrophic Loss Reduction (ICLR)



Project Activities

Year 1 - 2024 to 2025



Develop the DEB Framework and Catalogue

- **Create a framework** to identify and categorize key **Drivers, Enablers, and Barriers (DEBs)**
- Incorporate institutional, financial, technical, and governance types, along with contextual factors (e.g., geography, equity, resources).
- Produce a **Catalogue of Adaptation DEBs**



Review Adaptation Initiatives

- **Compile case studies** and **examples** from the **forestry, energy, and mining** sectors
- Highlight common DEBs experienced by practitioners

Project Activities

Year 2 - 2025 to 2026



Validate Sectoral DEBs

- Conduct **interviews and in-depth discussions**
- Validate and refine findings to ensure practical relevance
- Update the Catalogue with sector-specific insights

Recommendations Report

- Summarize **key DEBs and solutions** for each sector
- Identify strategies to **overcome barriers and strengthen enablers**
- Share cross-sector lessons and implications

Sectoral Implementation Supports

- Develop **sector-specific tools and resources**
- Include recommendations, case studies, and supporting materials

Project Activities

Year 2 - 2025 to 2026

Capacity Building & Knowledge Exchange

- Deliver **webinars and virtual sessions** to share findings and lessons learned
- Foster two-way learning and collaboration among practitioners

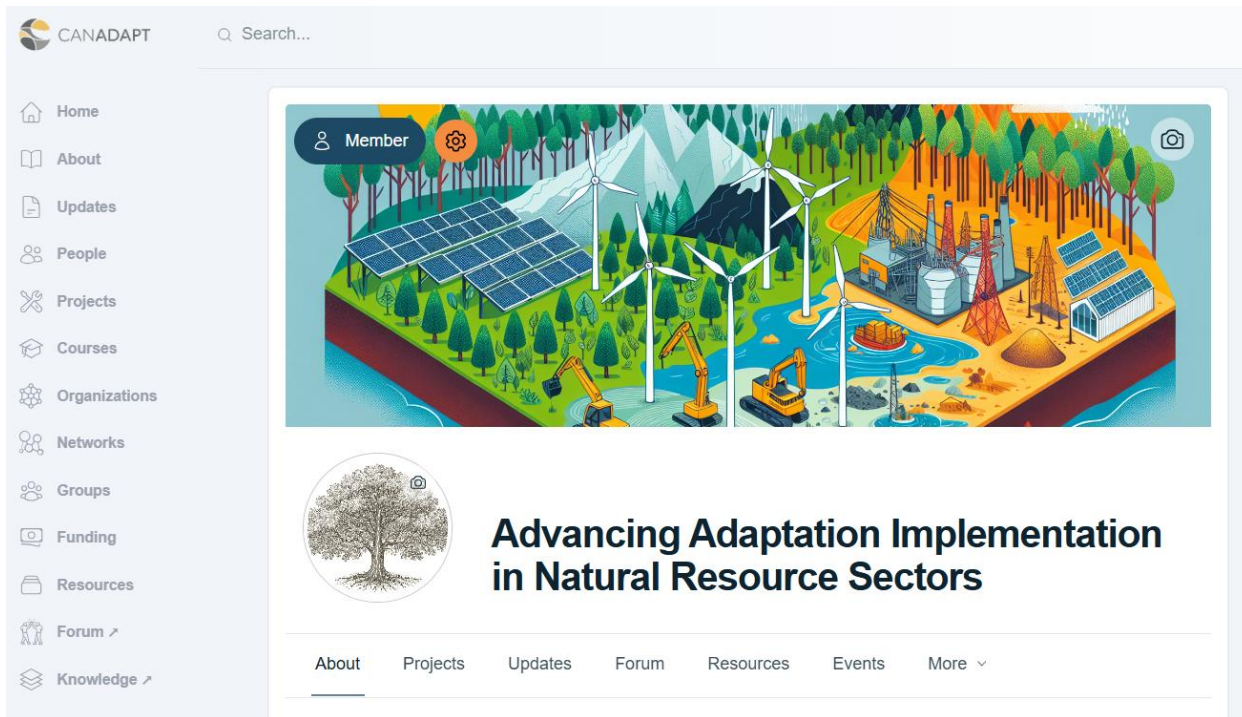
Practitioners' Network

- Launch interactive **platform for knowledge sharing**
- Showcase case studies, resources, and project findings
- Build a **community of practice** on adaptation implementation







Advancing Adaptation Implementation in Natural Resource Sectors

An online collaborative hub on CanAdapt



A free, online community for professionals in natural resource sectors to connect and advance adaptation implementation.

What it Offers:

-  Share real-world experiences
-  Access curated tools & resources
-  Participate in discussions & working groups
-  Build ongoing collaborations

 canadapt.network/adaptationimplementation



CANADAPT

Advancing knowledge, skills, and
action for a climate resilient future

CANADAPT.NETWORK



What is CANADAPT?

LEARN. CONNECT. ADAPT.

A climate adaptation accelerator built by, and for, adaptation professionals across sectors to activate climate and low-carbon resilience.



Funding/Support



Natural Resources
Canada

Ressources naturelles
Canada

Canada

A national platform hosted by CRI
and RbD Lab to support climate
adaptation across sectors through
upskilling and **workforce
development**

Supported by Natural Resources
Canada's Climate Change Adaptation
Program

How CANADAPT Creates Impact



UPSKILLING CANADA'S WORKFORCE: Equipping practitioners with the skills and knowledge to navigate climate-driven challenges.



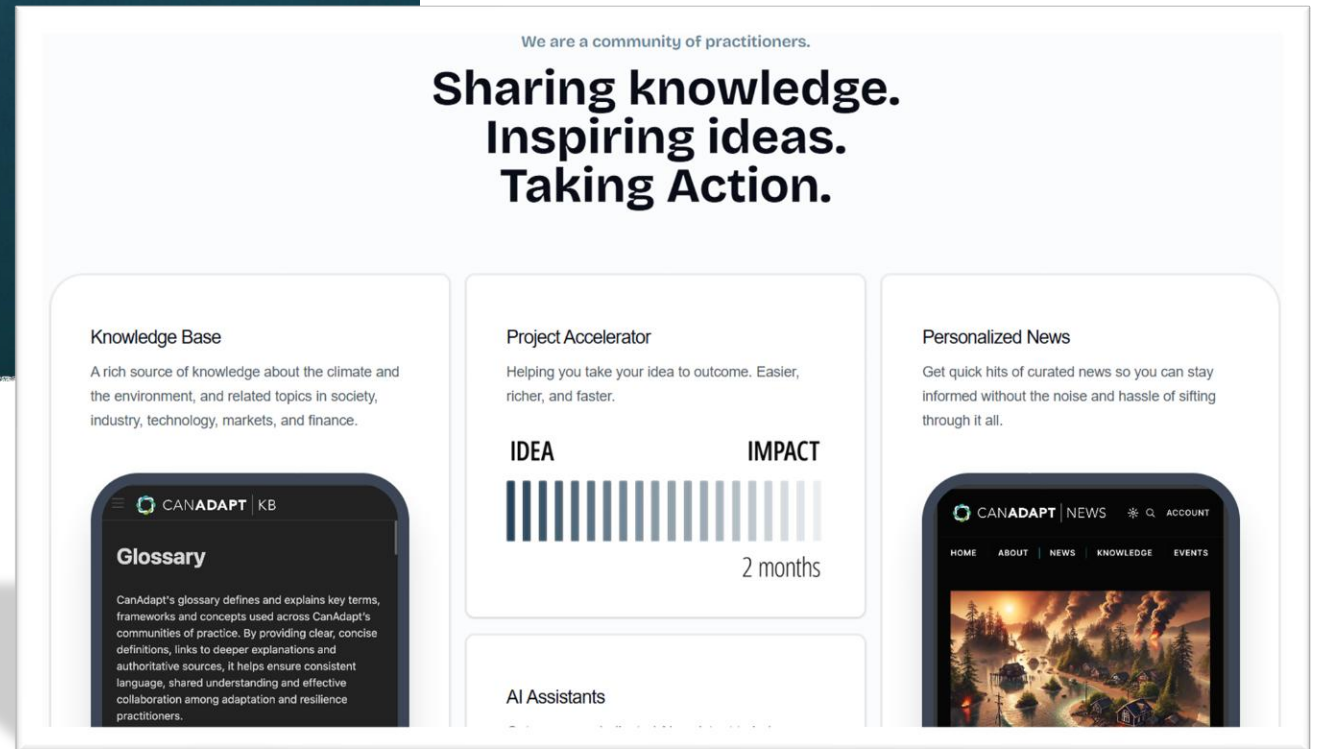
CONNECTING COMMUNITIES: Access cross-sector intelligence, meet experts, and help advance the social infrastructure needed for climate resilience.



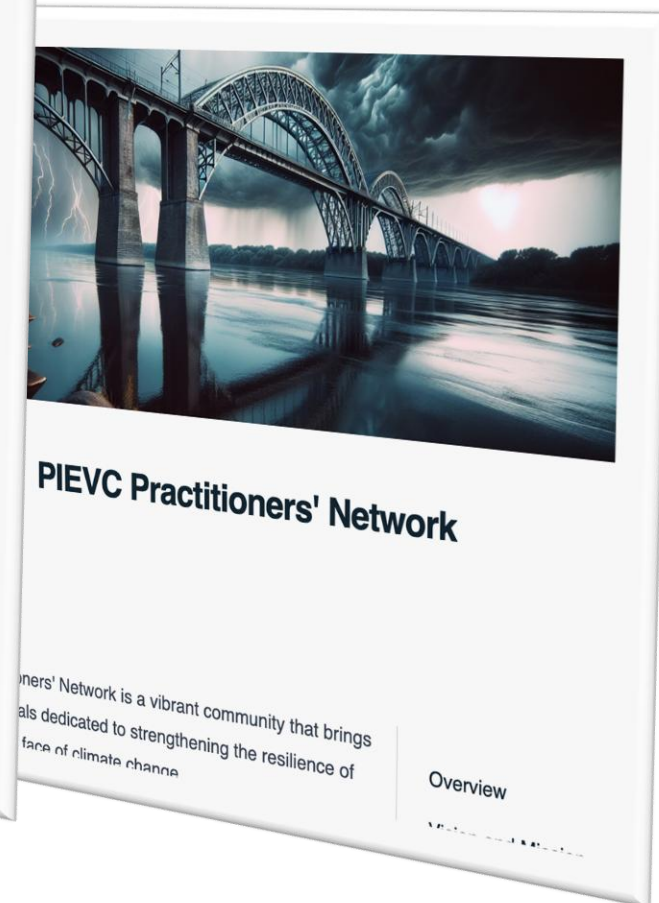
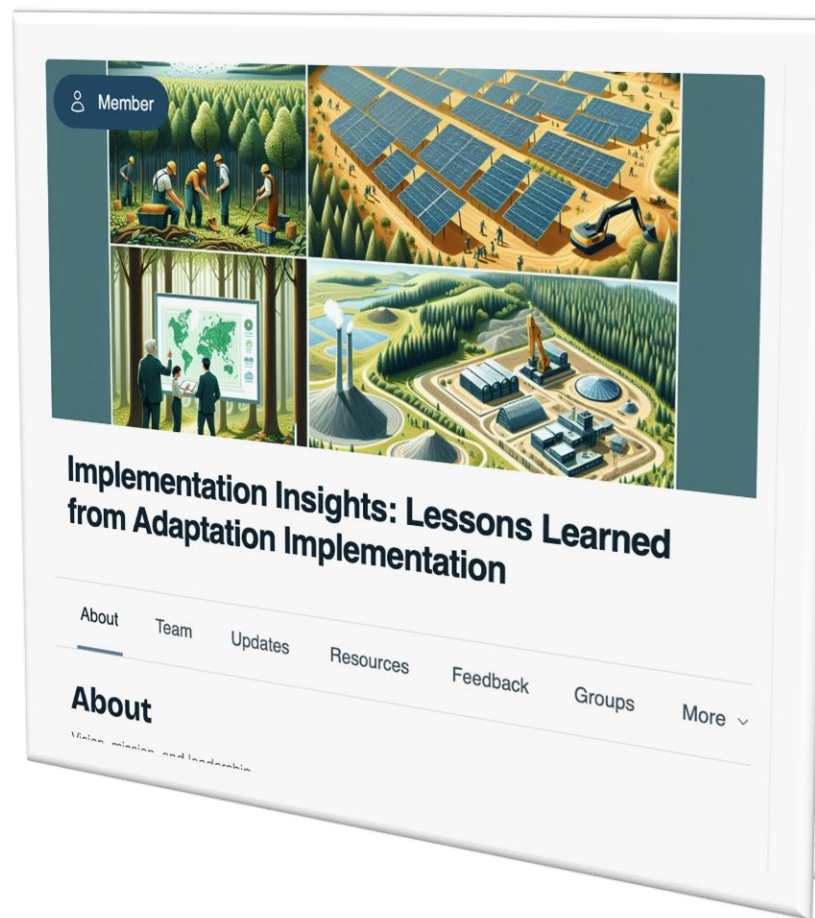
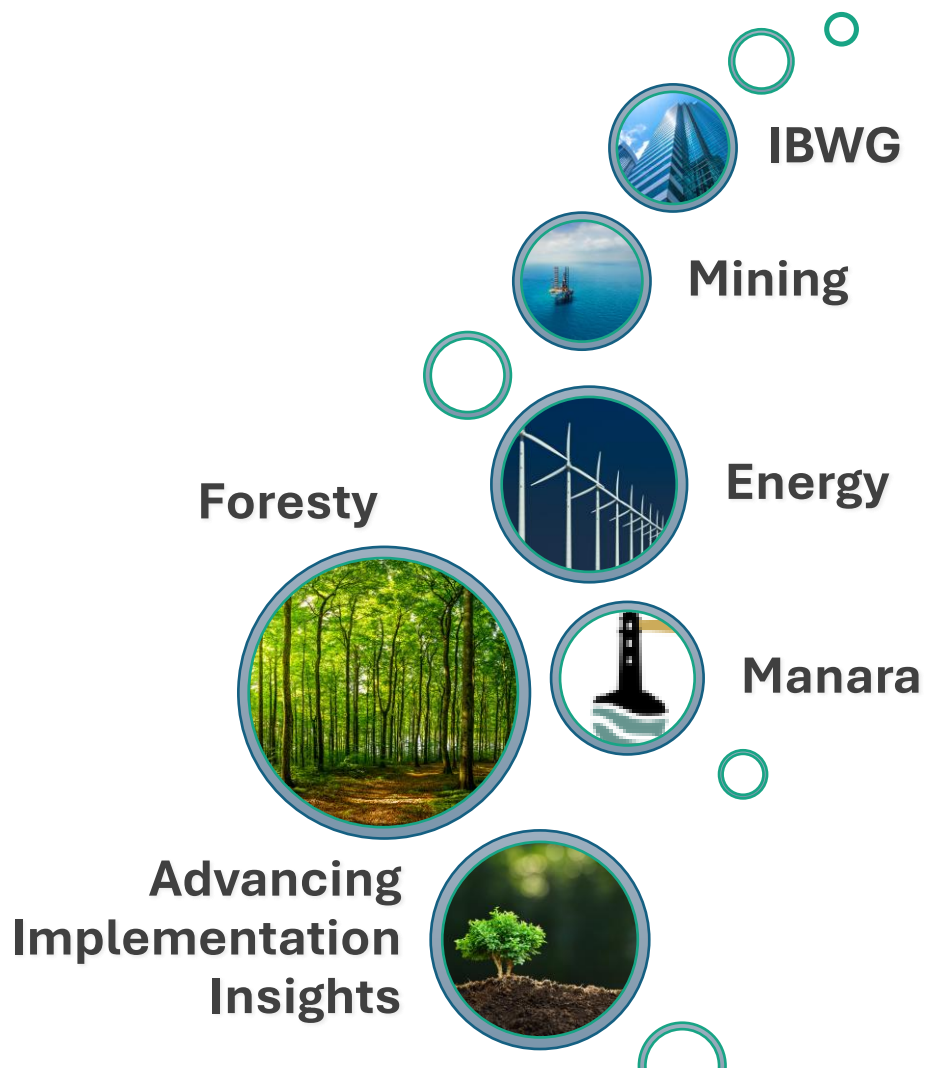
ACCELERATING REAL-WORLD IMPACT: A launchpad for adaptive action where ideas, people, projects, skills, and resources intersect to advance and scale adaptation.

Practitioner Networks

At the heart of CANADAPT
is a growing ecosystem of
**PRACTITIONER
NETWORKS** –communities
that bring together



Practitioner Networks & Working Groups



CANADAPT Platform : Your Shared Workspace

LEARN.

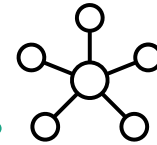


**KNOWLEDGE
BASE**

**COURSE &
PROGRAM PORTAL**

**PERSONALIZED
LEARNING**

CONNECT.



**PRACTITIONER
NETWORKS**

**FORUMS &
CHATS**

NEWSLETTERS

EVENTS

PROJECT HUB

ADAPT.

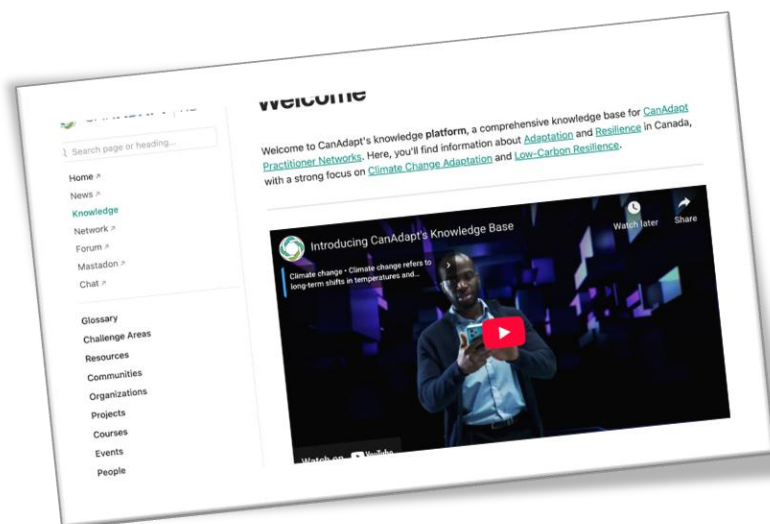


**KNOWLEDGE
SYSTEMS**

**AI-POWERED
CONCIERGE**

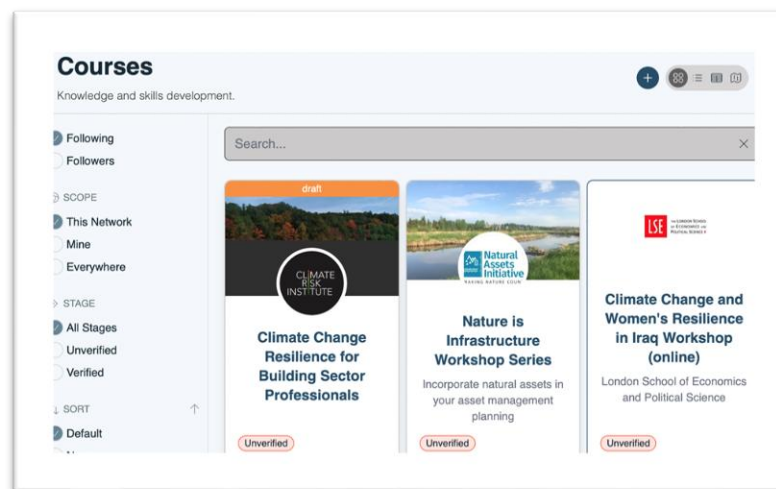
**AUTOMATED
SUMMARIES &
ALERTS**

LEARN: Building Skills and Knowledge



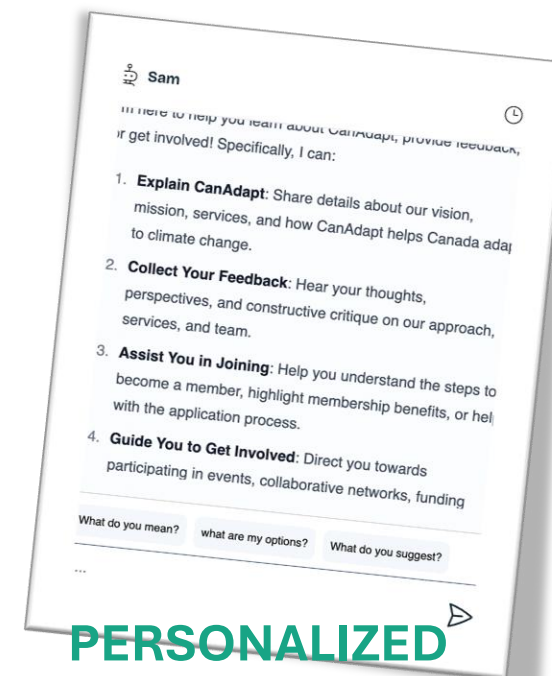
KNOWLEDGE BASE

ACCESS AND SHARE
RESOURCES THAT BUILD
CAPACITY.



COURSE & PROGRAM PORTAL

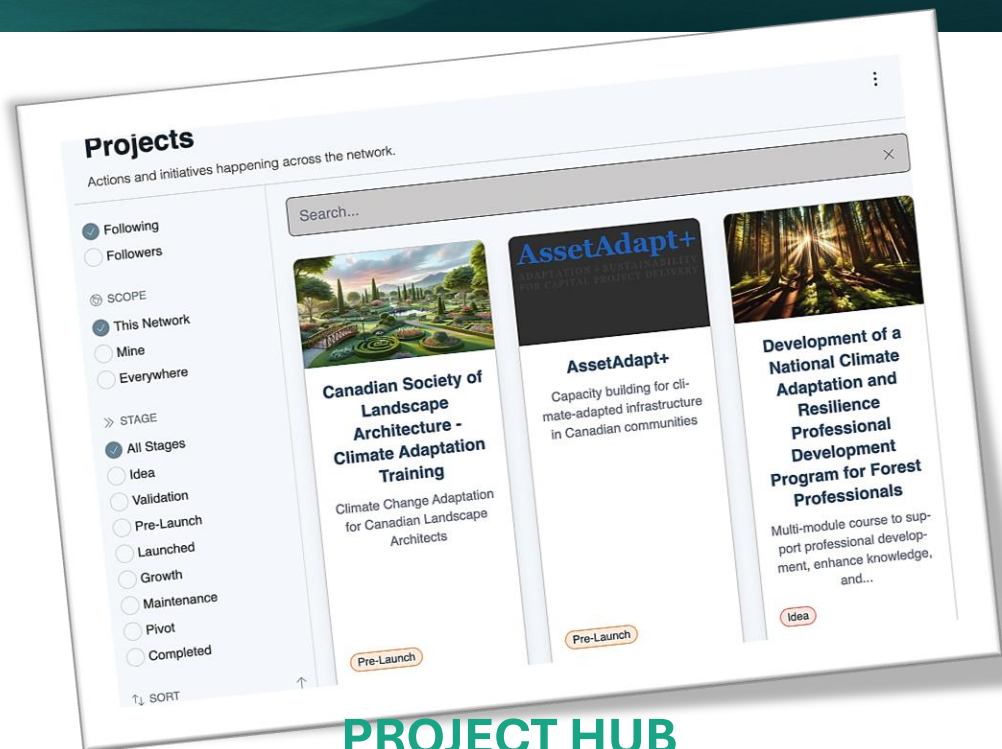
A NATIONAL CATALOGUE OF
CLIMATE ADAPTATION COURSES
AND CERTIFICATIONS.



PERSONALIZED LEARNING

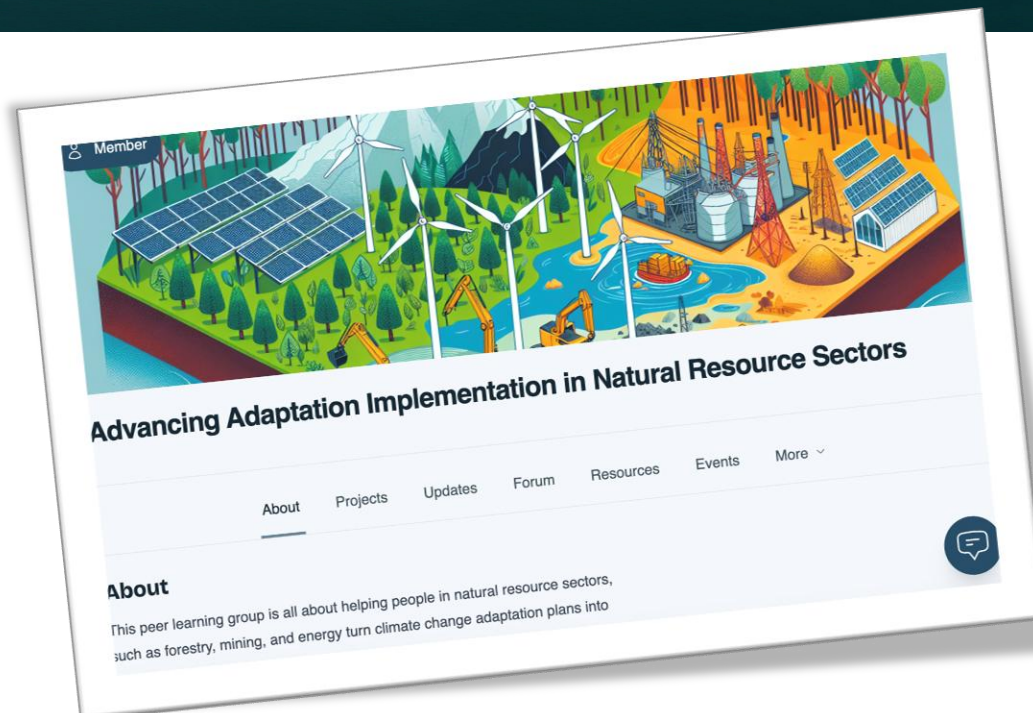
AI-SUPPORTED PATHS TO
THE SKILLS YOU NEED.

CONNECT: Community and Collaboration



PROJECT HUB

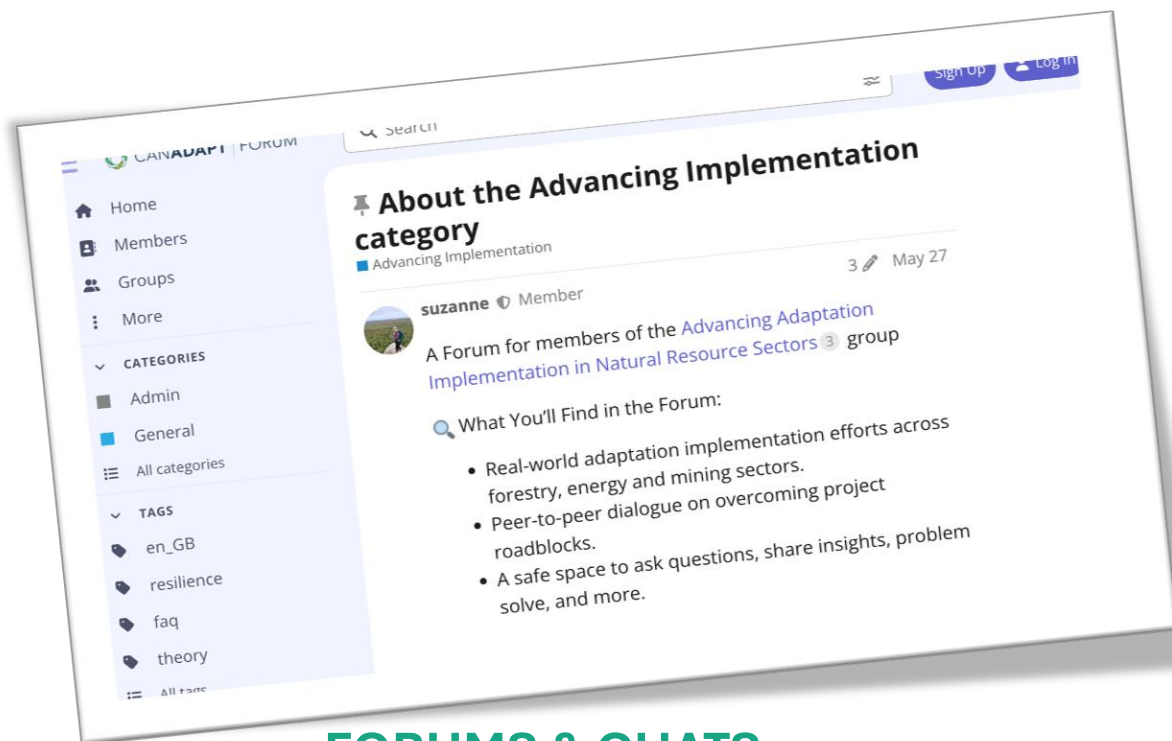
COORDINATE AND SHARE
MULTI-PARTNER
PROJECTS.



PNS AND WORKING GROUPS

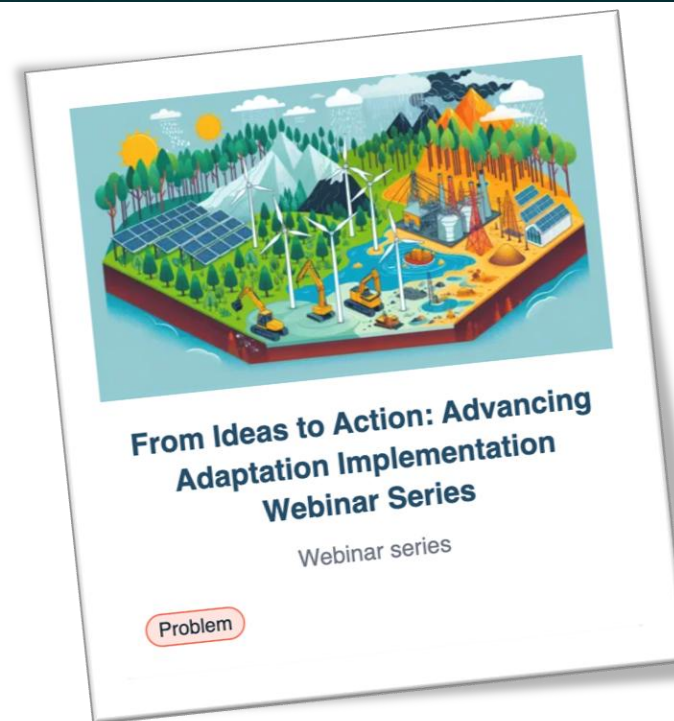
PEER-TO-PEER SPACES FOR
SHARED LEARNING AND
SUPPORT.

CONNECT: Community and Collaboration



FORUMS & CHATS

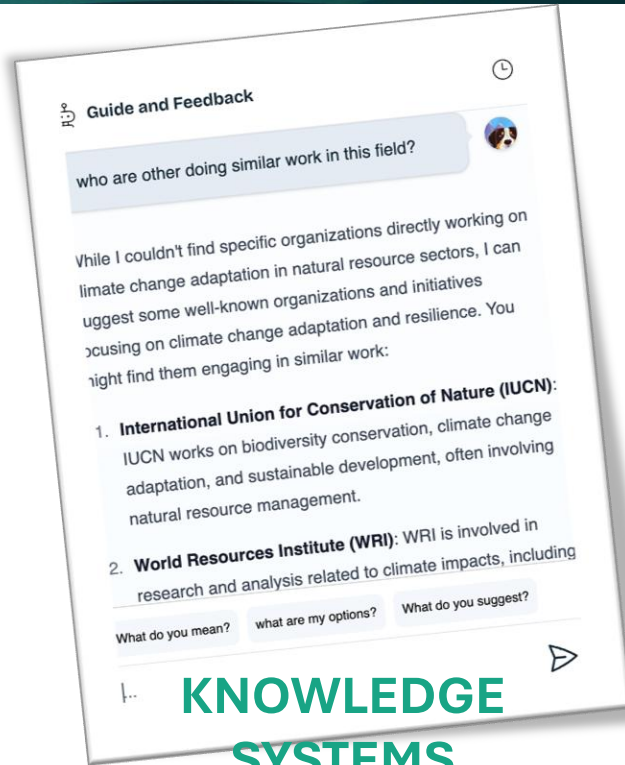
SPACES FOR OPEN AND
FACILITATED EXCHANGE



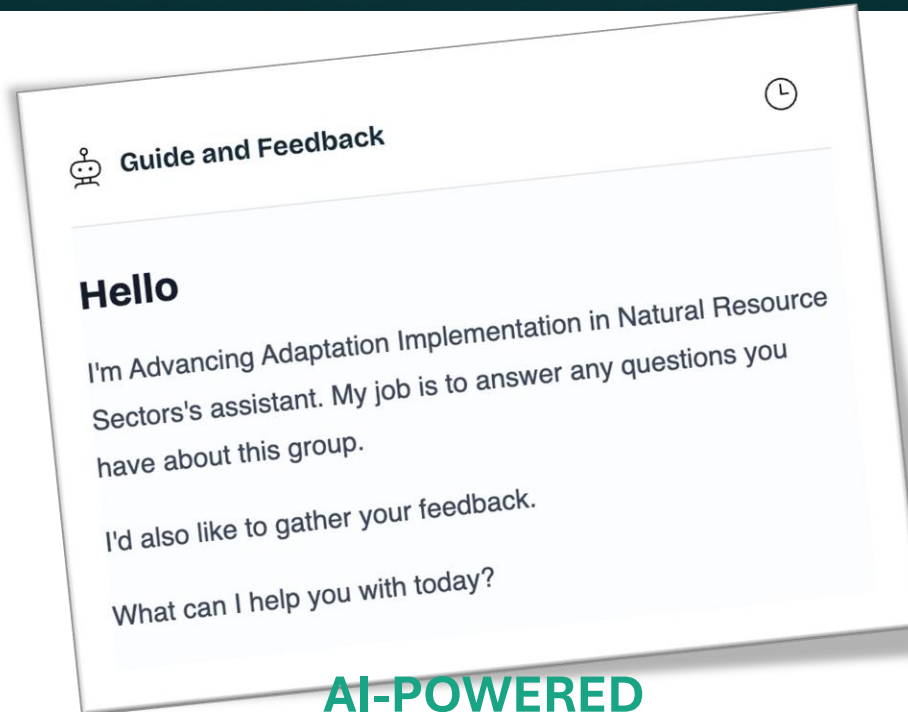
NEWSLETTERS & EVENTS

HIGHLIGHTING OPPORTUNITIES,
NEW IDEAS, AND LEADING
PRACTITIONERS

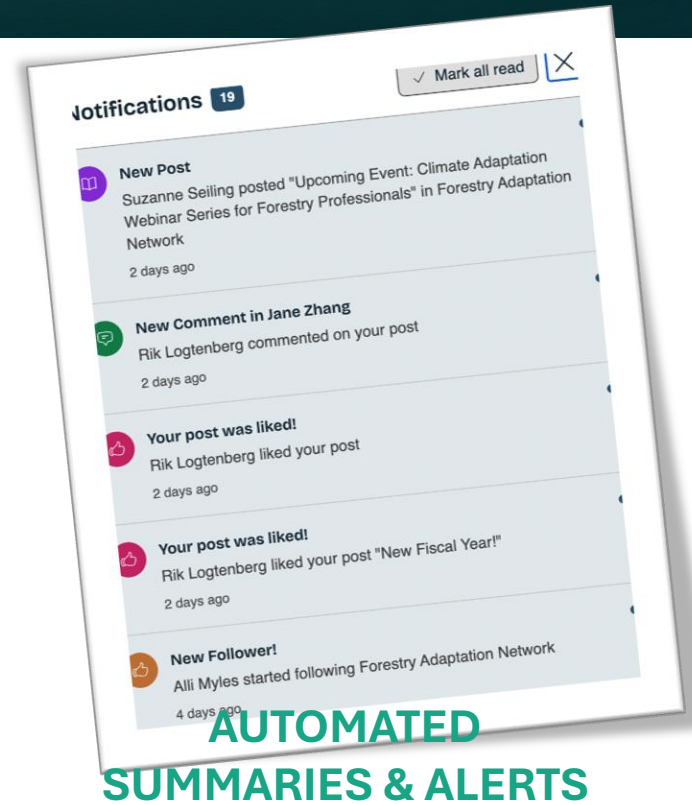
ADAPT: From Ideas to Action



SMART CONNECTIONS
AND DYNAMIC FAQs.



FOCUS WORKFLOWS AND
REDUCE OVERWHELM.



WEEKLY WRAP-UPS
DELIVERED VIA EMAIL,
FORUM, OR SOCIAL MEDIA.

Thank You

info@canadapt.network



Join us at
CANADAPT.NETWORK



Demo: Navigating the Peer Learning Group



Advancing Adaptation Implementation in Natural Resource Sectors

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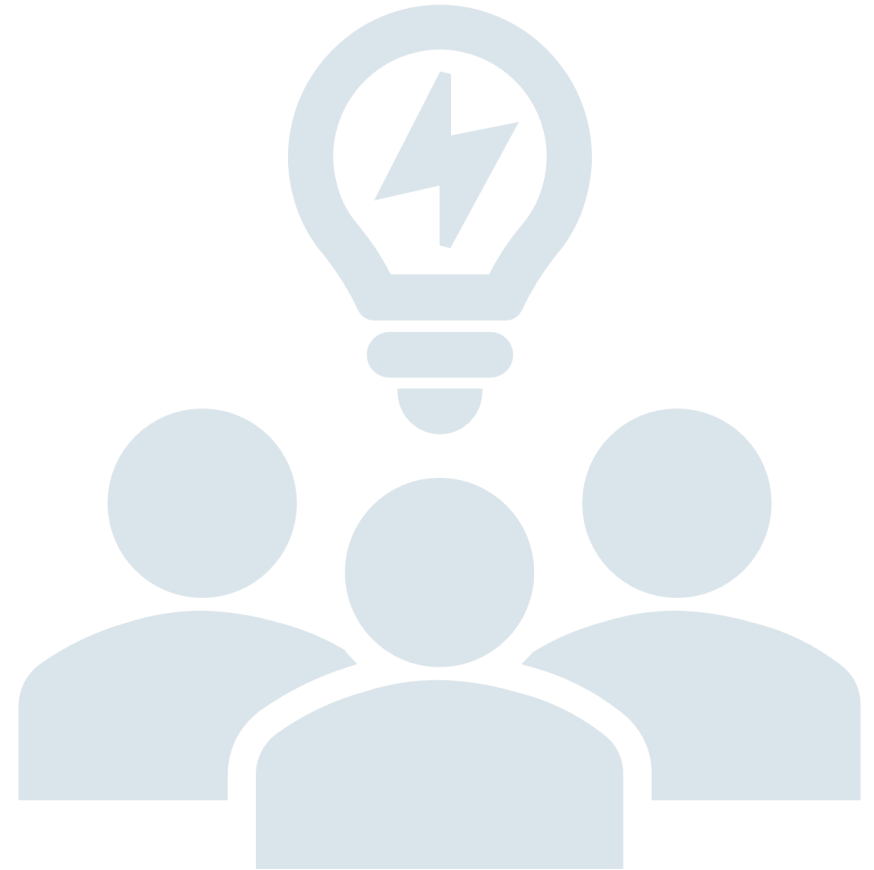
About

Breakout Session



Shaping Our Peer Learning Community

Please capture **1–2 key insights** or
“aha moments” to share back with
the larger group



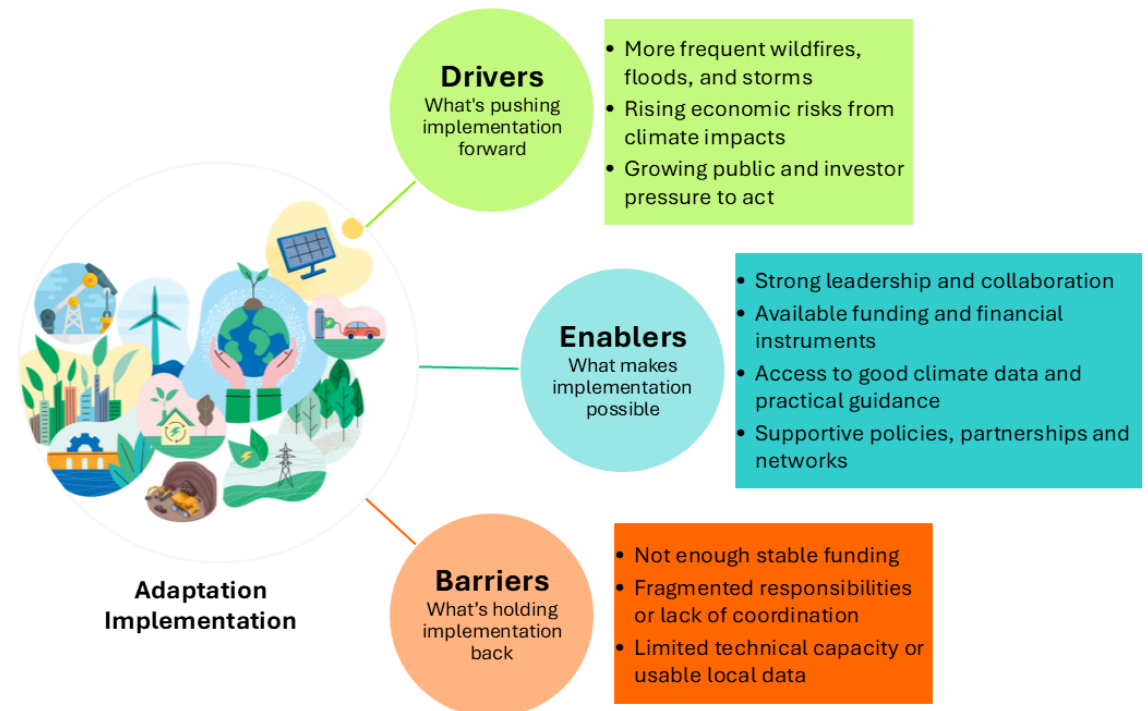
What's Next

Opportunities to stay involved:

- Webinar 2: Forestry (Oct 16)
- Webinar 3: Energy (Oct 23)
- Webinar 4: Mining (Oct 30)
- Sectoral surveys – closes October 17

Early Findings: The DEBs Framework

Upcoming webinars will explore these in depth by sector





Thank You

**Advancing Adaptation implementation in Natural
Resource Sectors**

www.canadapt.network/adaptationimplementation

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