

Planting 2 Billion Trees to Support Climate-Change Mitigation, Biodiversity, and Human Well-being

Forest Ecosystem Monitoring Conference

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Program Overview

Canada's Natural Climate Solutions Fund

Natural Climate Solutions Fund

\$4.985 Billion / 10 years

2 Billion Trees

NRCAN
\$3.2 Billion

**Nature Smart
Climate
Solutions**

ECCC
\$1.4 Billion

**Agricultural
Climate
Solutions**

AAFC
\$385 Million

Nature-based Climate Solutions Advisory Committee

Provides guidance from external experts on nature-based solutions, including Indigenous Knowledge Keepers and experts

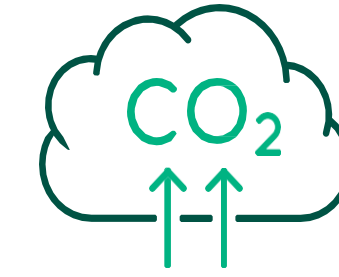


What are nature-based climate solutions?

Ecosystems can leverage the power of nature to reduce the effects of and adapt to climate change all while supporting biodiversity. For example, forests, wetlands, grasslands, and farmland can absorb and store large amounts of carbon (CO₂), reducing the effects of climate change, keeping our air and water clean, and providing habitat for wildlife.

2BT Program: Overview

- **2BT mandate:** Use nature-based solutions to fight climate change and stop biodiversity loss through tree planting
- **The challenge:** Working with Nature's schedule, aligning all actors in the supply chain, and bringing benefits to all Canadians
- **The 2BT program's approach:**
 - **Year 1** - Built the foundation for long term success
 - **Year 2 & Beyond** - Establish multi-year agreements to ramp up supply chain and tree planting capacity; collaborate with provinces and territories to support forest adaptation and habitat restoration, particularly for species at risk.



CAPTURE CARBON

To capture carbon in growing trees to reduce green-house gas (GHG) emissions and help in the fight against climate change



ENHANCE BIODIVERSITY

To enhance biodiversity and forest resilience to climate change by planting the right tree species in the right places and restoring wildlife habitat



PROMOTE HUMAN WELL-BEING

To support human well-being by creating more green spaces for recreational activities and sanctuaries for connecting with nature; better regulation of temperatures in cities; improved mental well-being and reduced risk of wildland fire and floods to our communities

2BT Program Model: Cost-shared Partnerships & Supporting Research



I

Supporting tree planting through partnerships



On Crown Lands



With Indigenous Peoples



On Private Lands



In Urban Settings



II

Advancing science for improved planting outcomes

Ongoing Call for proposals: Key Features and Eligibility

Types of Tree Planting Projects

- ✓ Afforestation
- ✓ Reforestation
- ✓ Habitat restoration

Basic Eligibility

- ✓ Organizations & communities across Canada
- ✓ Single or multi-year (projects can end March 2031)
- ✓ Applicants can apply with multiple projects
- ✓ 50-50 cost-sharing (potential higher federal cost-share for Indigenous-led projects)

Anticipated Projects & Results

- Projects with demonstrable GHG sequestration benefits
- Anticipated co-benefits (e.g., human health and well-being, biodiversity)
- Planting the right tree in the right place for the right reasons
- Multi-year funding agreements

2BT by the Numbers



>440
proposals
received since
2021



> 2,900
sites planted
across Canada



> 220
tree
species planted



Over 47% of
proposals are for
Indigenous-led
(**21%**) and **urban**
(**26%**) projects



2BT: Project Examples

Typical projects:

- Collaborative projects serving community organizations, landowners, agricultural producers, municipalities, and businesses supporting restoration project delivery to successfully delivery ecosystem restoration and reforestation projects.

Community Forests International

- Community Forests International undertook site preparation, planning and planting activities to plant 250,000 trees on previously clear-cut land located on the Chignecto Isthmus to restore degraded wildlife habitats.
- The Chignecto Isthmus is a critical land corridor connecting New Brunswick and Nova Scotia. It has been identified as a high priority conservation area nationally and internationally.



A tree planter tucks an oak seedling into the ground on one of Community Forests International's restoration sites on the Chignecto Isthmus.



Tree planter planting red spruce seedlings in the site owned by Community Forests International in Brooklyn, NB.



An employee unloads tree seedlings before a day of planting.

2BT: Project Examples

Redd Fish Restoration Society

- Non-profit organization on the west coast of Vancouver Island dedicated to the conservation of wild fish through habitat restoration, research and monitoring.
- This project is to plant 51,070 trees along the banks of the Hilsyaq̓lis and Atleo Rivers to accelerate the recovery of the two watersheds.
- This project is related to a larger project by Redd Fish Restoration Society called The Tranquil River Restoration Project, aimed at restoring critical spawning and rearing habitat for endangered wild Chinook and chum salmon.



Preparing/ installing and identifying different species.



View of the Tranquil River Restoration Project.

2BILLION TREES



*Planting today,
to grow our
tomorrow*

#2BillionTrees

<https://www.canada.ca/en/campaign/2-billion-trees.html>

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Thank you!