



Arbres Canada
Tree Canada



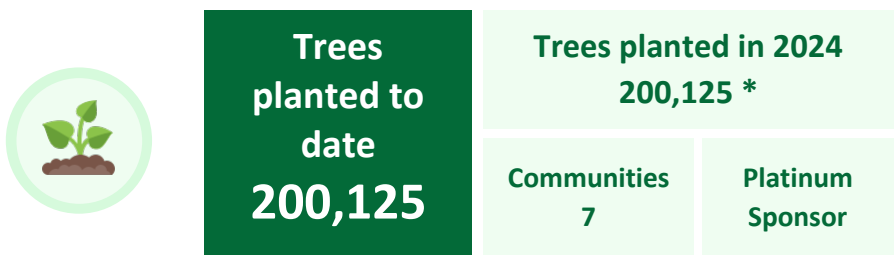
IMPACT REPORT 2024

OUR PARTNERSHIP

Overview

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GZ NORTH AMERICA has partnered with Tree Canada **since 2024** to plant a total of **200,125 trees** across the country. Trees planted have helped green communities in need, re-establish rural forest to build a more sustainable place in the future.



** This total includes the 2BT matched tree numbers.*

In **2024**, **GZ NORTH AMERICA** made a generous contribution of **\$400,000** through our National Greening Program and Partner in Planting program combined. The federal government's 2 Billion Tree initiative has generously matched the total amount, resulting in **an additional 100,000 trees** added to our count.



1 Partners in Planting project completed



6 National Greening Program projects completed

Tree Canada truly appreciates **GZ NORTH AMERICA** generous support and is proud to work together to help communities in need. Thank you for *growing better places to live!*

Program Summary

NATIONAL GREENING PROGRAM

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The National Greening Program strategically addresses locations requiring reforestation or afforestation due to human activity or other contributing factors, in collaboration with municipalities and/or First Nations communities. The program's overarching goal is the restoration of forests and wildlife habitat, thereby playing a vital role in enhancing air quality, promoting soil health, and ensuring the cleanliness of waterways throughout Canada.

British Columbia

 77,480

Landowner: Crown Land

Location: Quesnel

Type of project: Fire break project

Species : Trembling Aspen

Tree Canada, Nazko First Nation, The Society of Ecological Restoration for Northern BC (SERN) and Cariboo Carbon Solutions (CCS) are actively working towards restoring lands affected by wildfires and fire suppression tactics near the community of Quesnel BC. The local ecology and wildlife, such as the native moose, are under significant stress, since mountain pine beetle and forest fires have destroyed a significant amount of critical habitat in the region.



Some studies estimate that the moose population has declined by 80% in this region due to these disturbances. The objective of this project is to prioritize replanting fireguard areas that are void of trees into fast growing deciduous aspen trees. The planting of these areas will add diversity to the existing forest which is dominated by conifer species, will enhance the habitat for regional wildlife, and will act as a fire smart planting, since deciduous trees such as aspen can act as a natural fire break to impede the spread of fires.

Nazko First Nation and SERN identified the priority areas for restoration. CCS and Zanzibar is completing the setup, prescriptions, and planting implementation. SERN and Nazko First Nation will be completing the planting quality inspections, audits and future survival assessments.

British Columbia



Landowner: Private

Location: Scotch Creek, British Columbia

Type of project: Restoration

Species : Douglas Fir, Western Red Cedar, Western White Pine, Ponderosa Pine, Lodgepole Pine, Hybrid Spruce

During 2023, the North Shuswap wildfire disturbed 43,067 hectares of land in the Columbia Shuswap Regional District in BC. Much of this area was affected by high-intensity burns that destroyed the majority of the trees and habitats in these areas. Tree Canada and Cariboo Carbon Solutions are working with private landowners to replant these sites that were affected by high intensity burns that are not suitable to be left for natural regeneration. This will be a multi-year project and will started during 2024 with the planting of 25,000 tree seedlings. The project aims to plant a diversity of tree species that are ecologically suitable for the sites. The tailored silviculture prescriptions will help the landowner meet

their reforestation goals and provide fire resiliency through tree species selection. The overall goal is to help private landowners to restore these wildfire affected lands to provide habitat for regional wildlife and to sequester carbon.



Ontario

 8,500

Landowner: Private and Public

Location: Cataraqui Region Conservation Authority, Greater Kingston Area, ON

Type of project: Afforestation

Species : White Pine, Norway Spruce, Eastern White Cedar, White Spruce, Tamarack, Swamp Birch, Highbush Cranberry

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Tree Canada is collaborating with the Cataraqui Region Conservation Authority and watershed landowners to complete afforestation and shelterbelt projects on private and public lands with the objectives of; improving water quality, providing habitat for wildlife, to sequester carbon and to increase watershed forest canopy cover. Most of the project sites were historically cleared and used for agricultural purposes; however, the lands are no longer fit for crop production and are being targeted for afforestation. A mix of deciduous and coniferous species were planted as part of the program during 2024 to forest areas adjacent to existing woodlands and to establish agricultural shelterbelts.

The Cataraqui Region Conservation Authority (CRCA) watershed in Ontario is environmentally significant due to its diverse ecosystems, which include numerous lakes, wetlands, and forests. These natural features provide critical habitats for wildlife, support biodiversity, and offer essential ecosystem services such as water filtration, flood control, and carbon sequestration. The area is part of the Atlantic Migratory Flyway, making it a crucial stopover for migratory birds, including various species of raptors and owls.

The watershed also plays a vital role in supplying clean drinking water to local communities and offers recreational opportunities that contribute to the well-being of residents and the local economy.



Nova Scotia



Landowner: Private

Location: Western Annapolis County, Nova Scotia

Type of project: Reforestation

Species : White Pine, Red Spruce, Red Oak

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This site is part of 700ha parcel in Western Annapolis County NS. It borders the Tobeatic Wilderness Area directly and is less than 200 meters from the boundary of Kejimikujik National Park. The project is schedule to be planted during the Fall of 2024.

The site was historically logged by a previous landowner. A new landowner has obtained the property and is interested in restoring a historical Wabanaki-Acadian Forest for conservation-based purposes. Some salvage harvesting was conducted in 2022 on the property, focused entirely on collapsing degraded and dying stands to open areas up for reforestation. The objective of this project is to plant species which are not regenerating naturally in the forest to add diversity to the site and accelerate the restoration of an Wabanaki-Acadian Forest. Restoring this property which is adjacent to the Tobeatic Wilderness Area and near the Kejimikujik National Park will provide significant ecological benefits for regional wildlife. This is one of the largest protected natural features in the maritime provinces and provides habitat for species such as the Mainland Moose, Black Bears, and the American Marten.



61,034

*****NR Can 2BT planted at this same site***



FEDERAL GOVERNMENT 2 BILLION TREES PROJECTS

Alberta

 34,016

Landowner: Private

Location: Northern Sunrise County

Type of project: Afforestation

Species : Black Spruce, White Spruce, Bebb's Willow, Pussy Willow, Balsam Poplar, Aspen Poplar, Jack Pine, Lodgepole Pine

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Tree Canada is working with the Northern Sunrise County, Alternative Land Use Services (ALUS) Canada and a Private landowner to complete an Afforestation project in Northwestern Alberta. In recent decades, the land was used for agricultural crop production, however yields have decreased over time due to climate stresses and soil degradation. The objective of the project is to retire and restore the agricultural field into a diverse native forest. The site is located in the Peace River watershed and borders established woodlands, wetlands, and riparian habitats. The restoration of this property will enhance the connectivity of these existing ecological features and will provide critical habitat for aquatic and terrestrial wildlife.



Ontario



Landowner: Private

Location: Kawartha Lakes

Type of project: Afforestation

Species : White Pine, Red Pine, Norway Spruce, European Larch, Sugar Maple, Red Oak, Paper Birch, Black Cherry, Bitternut Hickory

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In collaboration with Kawartha Conservation, Tree Canada completed an afforestation project that aims to transform an old pastureland, previously used for cattle grazing, into a thriving white pine forest in the Kawartha Lake region of Ontario. The project site is located in area that is ideal for Kirtland's Warbler habitat (an endangered species in Ontario) and it provides a perfect foundation for this ambitious afforestation effort. The project involves planting a mix of coniferous and deciduous tree seedlings with the objective of establishing a diverse forest at the property. By establishing a forest at this site, this project will rejuvenate the land, support wildlife, and contribute to a sustainable future. The project will provide numerous environmental benefits:

- **Carbon Sequestration:** The new forest will act as a carbon sink, helping to mitigate climate change by absorbing carbon dioxide from the atmosphere.
- **Wildlife Habitat Creation:** The restored forest will provide essential habitat for various wildlife species, including the Kirtland's Warbler, promoting biodiversity and supporting local fauna.
- **Soil Rehabilitation:** Afforestation will improve soil health by enhancing its structure and fertility, making it more resilient to environmental stresses such as wind and water erosion.
- **Watershed Health:** The project is located in the Lake Simcoe watershed and is near Beaver River. As the forest establishes the trees will reduce sediment loading to the creek improving water quality. Furthermore, the trees will increase the soils water holding capacity, which will contribute to reducing peak flows within Beaver Creek River



🌲 LOVE THE IMPACT YOU'VE MADE? WE DOUBLED THAT FOR YOU 🌲

As the flagship partner of Natural Resource Canada's 2 Billion Trees Program, the federal government will match all donations towards the National Greening Program. The trees matched through your contribution have taken root in regions most in need, making your support even more impactful. Thanks to your generous contribution, we can continue our effort to grow Canada's tree canopy, making a lasting impact on the well-being of our planet for generations to come. To make it easier for you to highlight your impact, we have added the trees matched from the 2 Billion Trees Program to your total tree count.

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Benefits of Reforestation

Growing trees where forests have been degraded – or where there was no previous tree cover – provides multiple benefits to nature, from ecosystem stability to cleaner air, water and soil.



Carbon Sequestration

Trees absorb carbon dioxide as they grow, helping to fight climate change by removing and storing carbon from the air.



Wildlife Habitat

Restoring forest cover protects and enhances habitat for wildlife and increases biodiversity.




Clean Environment

Trees remove pollutants and toxins from the air, soil and groundwater and prevent soil erosion near waterways.

PARTNERS IN PLANTING

The **Partners in Planting** program provides an opportunity for companies to engage their employees in greening areas in need within their communities, thus fostering a healthy work environment and offering a lasting legacy. This year, 1 community was greened with support from **GZ North America**.

Burlington, ON

 Tuck Park

 125

Planting Date	8 June, 2024
Project Description	In a significant effort to enhance local ecosystems, the sponsor successfully planted 125 native trees and shrubs, supplemented with mulch mats to support their growth. The event had a notable impact by creating and restoring wildlife habitats, improving biodiversity, and promoting community health and wellness. Volunteers engaged in digging, planting, and mulching approximately 100 native trees and shrubs, aimed at filling gaps in previously reclaimed meadow areas. This initiative not only provides essential habitats for wildlife, including birds, mammals, and pollinators, but also allows the area to naturalize over time. By reducing mowing, the project mitigates environmental harm and addresses climate change, contributing to a healthier ecosystem for all.
Number of Volunteers	25







Thank you



**for your support
in *growing better places to live!***



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