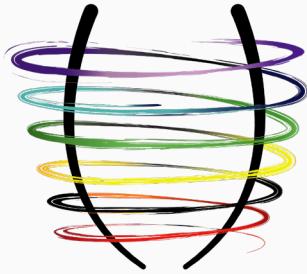


Climate Smart Forestry: Silviculture Tactics and Indigenous Leadership for Improved Forestry, Climate, and Biodiversity Outcomes in Working Forest Landscapes

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Wahkohtowin



Wahkohtowin Development GP Inc.

- Indigenous-led private company owned by three First Nations in Northern Ontario founded in 2016
- Diversified investments in forest sector: harvesting company, sawmill, co-gen, housing, nature-based climate solutions, policy and consulting services.
- Lead on mycorrhizal inoculation of forest seedling carbon project- 35m trees inoculated to date
- Pilot cohort for VERRA Nature Framework Biodiversity Credit— Avoiding herbicide application
- Youth Guardian program in 5th year of operation
- Sovereignty and cultural revitalization at the core of mandate from Owner-Nations



Wahkohtowin Guardians Launching 5th Birch Bark Canoe-Chapleau River-July, 2025



Wahkohtowin

Climate Smart Forestry Grant: Testing Silviculture Tactics and Indigenous-Led Delivery Methods

- SFI-ECCC Funding supported Wahkohtowin Youth Guardians to participate in treeplanting and manual brushing training program
- Theory of change: Highly trained forestry workforce can deliver more sophisticated prescriptions and achieve better results for forest companies
- Herbicide Alternative Program (HAP): Convened 35 forestry professionals for a 3-day field workshop to review silviculture tactics, demonstrate chainsaw brushing, hardwood management, and pre-harvest vegetation assessment surveying
- Manual brushing, pre-harvest vegetation assessment, and mycorrhizal inoculation combine to avoid herbicide application on thousands of hectares will generate biodiversity credits using VERRA's new *Nature Framework*

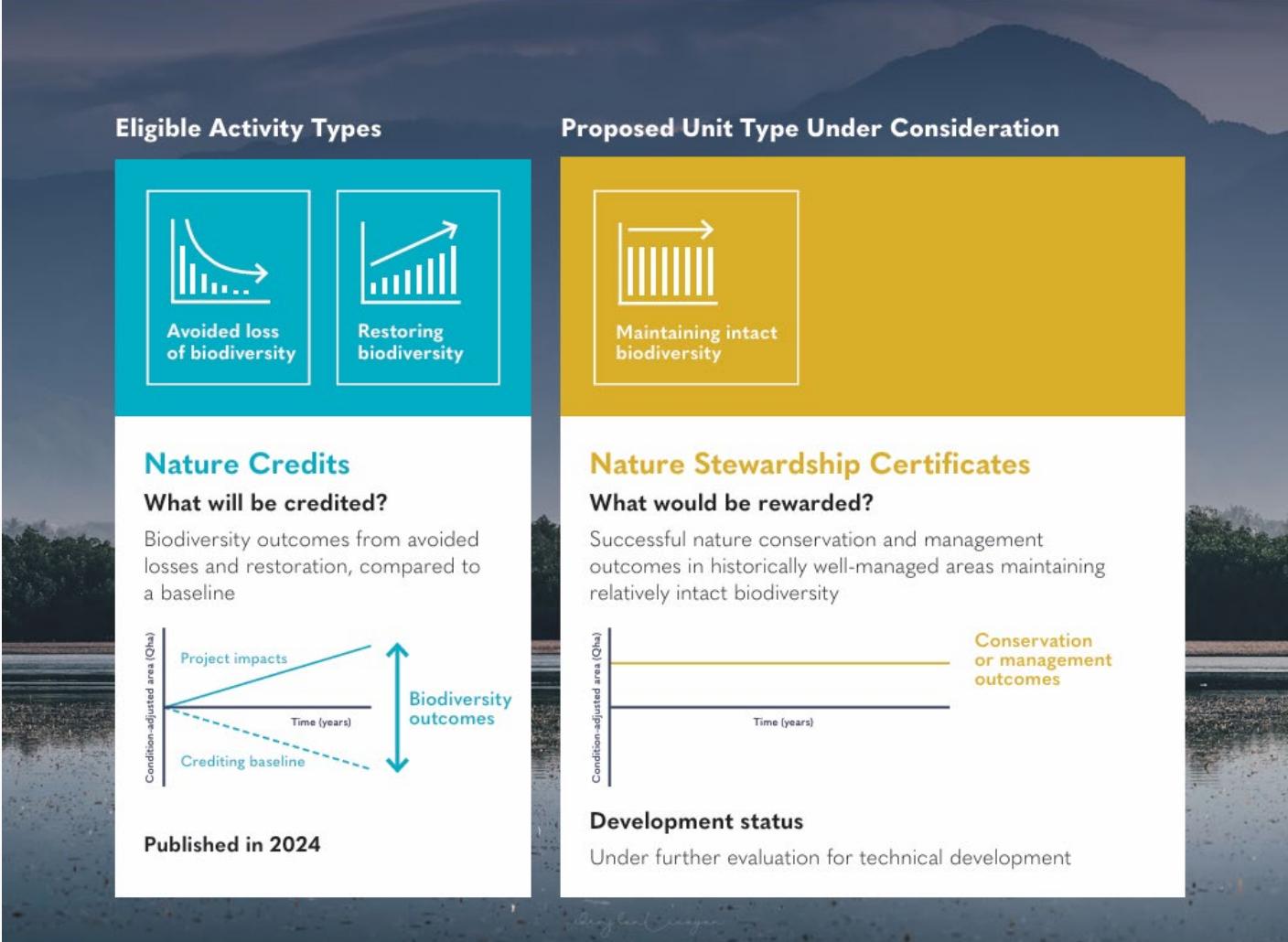


Mycorrhizal Inoculation for Improved Forest Management: Carbon Financed, Indigenous-Led Solution

- Grant and Private Funding to assess 25-year-old research trial established by partner Mikro-Tek Inc.
- Commercialization funding to inoculate 53 million trees-currently in year 3 of 4 and certify stand volume increase as IFM carbon project.
- 35 million trees inoculated to date
- 15-45% increase in stand volume
- Targeting inoculation of 100m+ trees per year
- Host-Nation benefit sharing agreement and recognition of Nation-specific strains as locally owned intellectual property—UNDRIP Article 31



Emerging Biodiversity Credit Market



Eligible Activity Types



Avoided loss of biodiversity



Restoring biodiversity

Proposed Unit Type Under Consideration

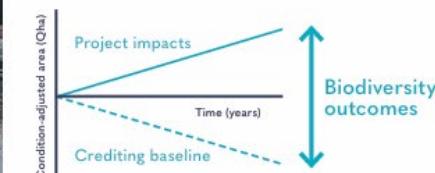


Maintaining intact biodiversity

Nature Credits

What will be credited?

Biodiversity outcomes from avoided losses and restoration, compared to a baseline



Project impacts

Condition-adjusted area (Qha)

Time (years)

Crediting baseline

Biodiversity outcomes

Published in 2024

Nature Stewardship Certificates

What would be rewarded?

Successful nature conservation and management outcomes in historically well-managed areas maintaining relatively intact biodiversity



Condition-adjusted area (Qha)

Time (years)

Conservation or management outcomes

Development status

Under further evaluation for technical development

National Research Council (NRC)-Sustainable Development Technology Canada (SDTC) Commercial Forest Seedling Inoculation Project

Project Lead



Project Consortium Partners



Wahkohtowin
Development GP Inc.



Forest Company Partners



First Nation/Rights-Holder Partners

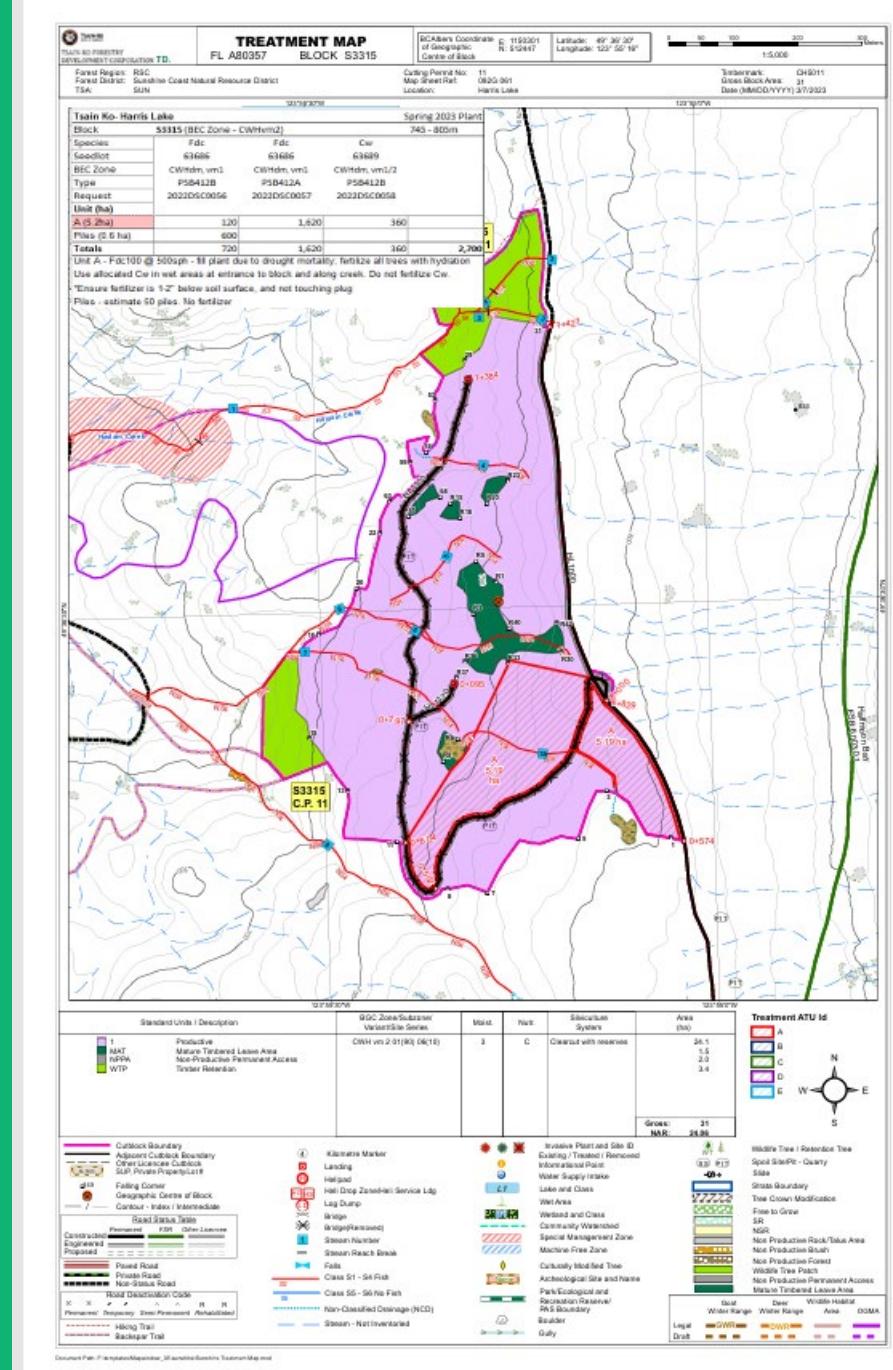


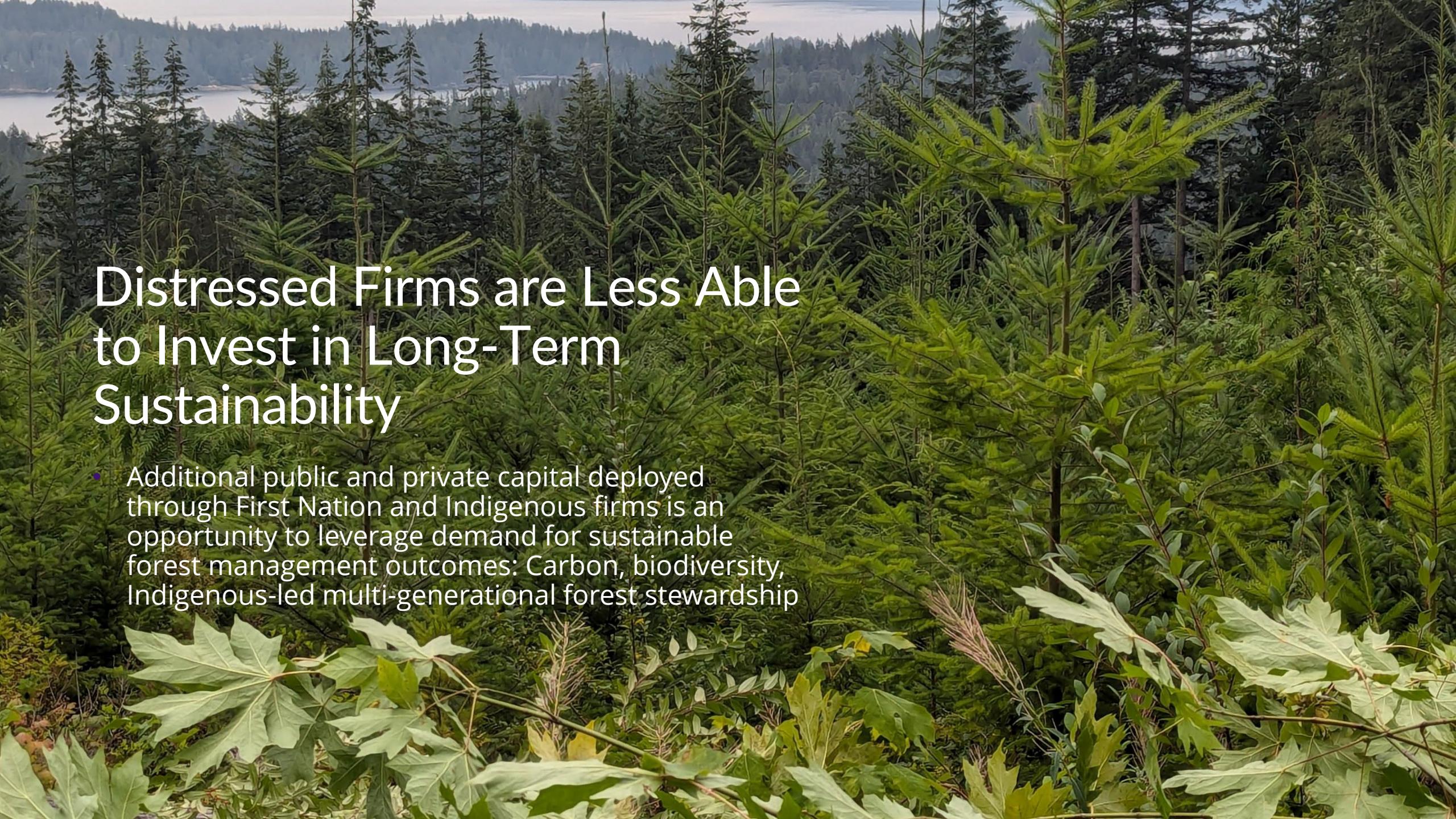
Funding Partners

SDTC/NRC

The Forest Sector in Canada is in distress and is increasingly unable to finance enhanced, long-term, sustainable forest management activities

- Market Conditions
- Cost of Production including long-term management
- Duties and Tariffs





Distressed Firms are Less Able to Invest in Long-Term Sustainability

- Additional public and private capital deployed through First Nation and Indigenous firms is an opportunity to leverage demand for sustainable forest management outcomes: Carbon, biodiversity, Indigenous-led multi-generational forest stewardship

Resilient Forests Need Land Guardians and Indigenous-led Forest Stewardship

