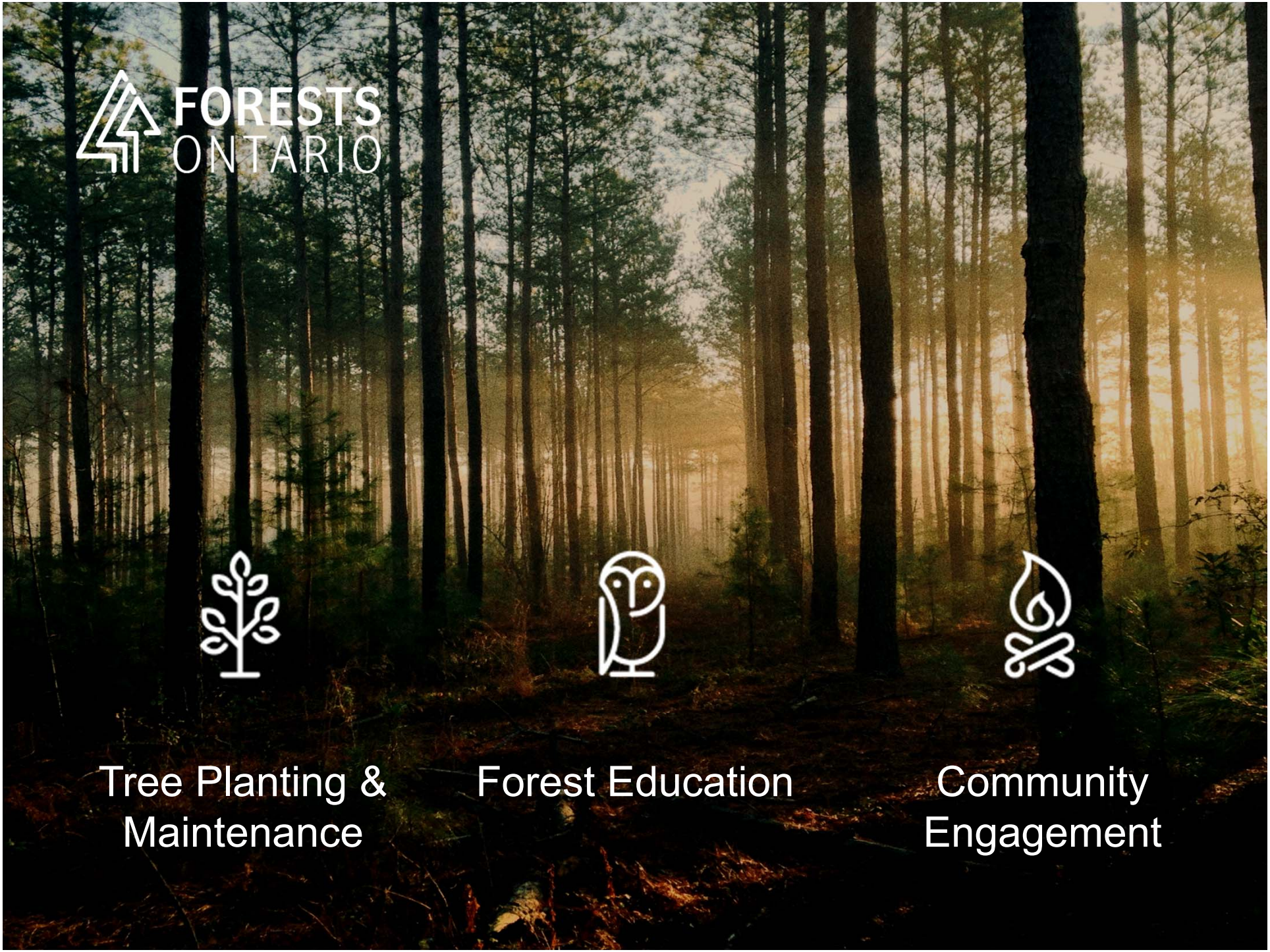
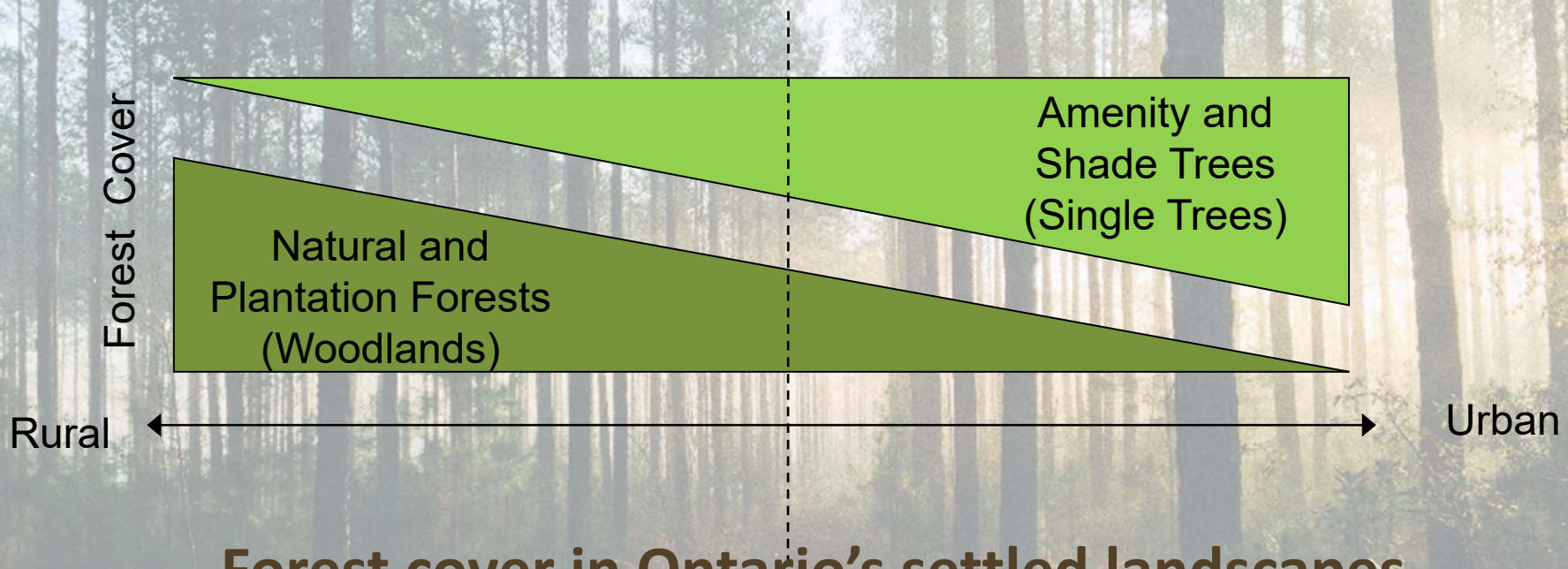
Rob Keen, RPF
CEO
416-646-1193 ext 230
rkeen@forestsontario.ca


FORESTS
ONTARIO
Tree Planting &
Maintenance
Forest Education
Community
Engagement

Our Forest

Our Forest

Our Forest



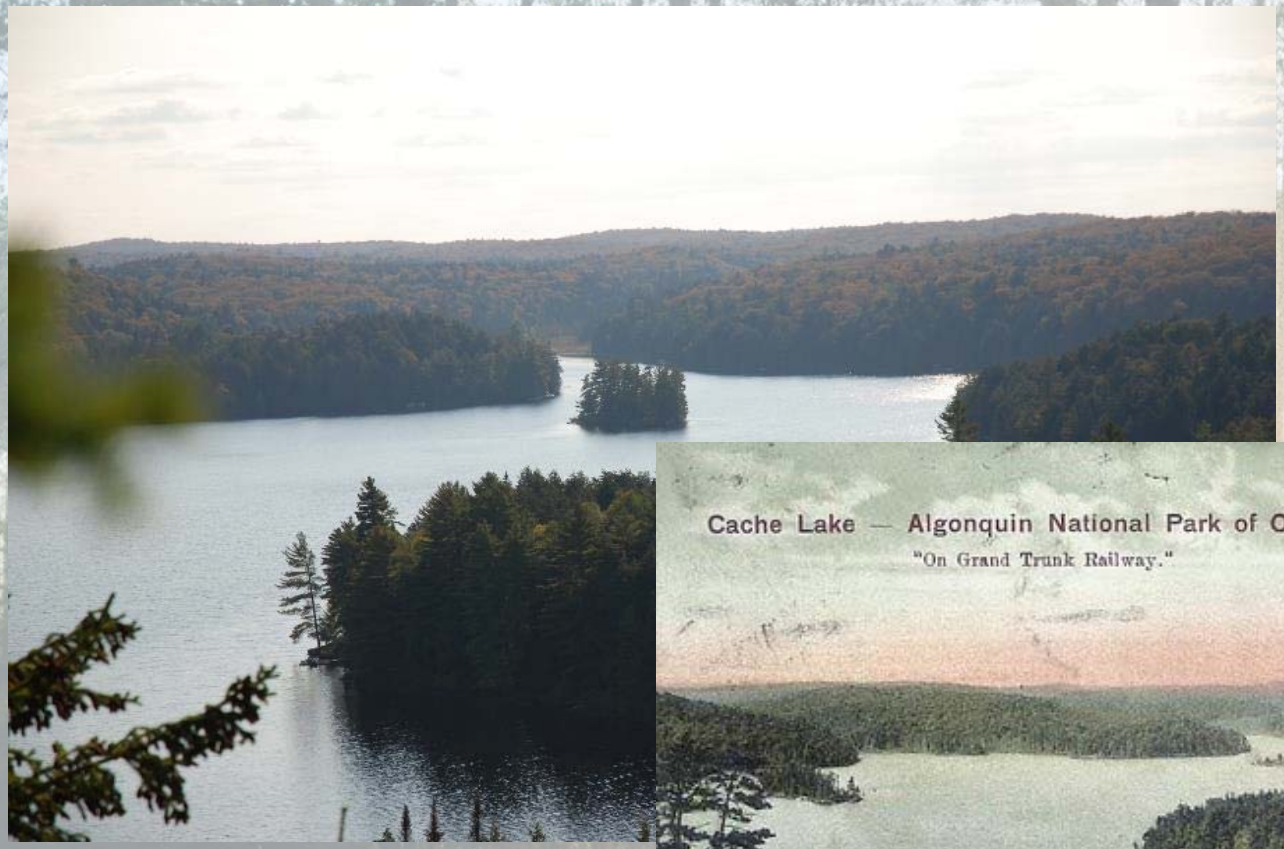
Forest cover in Ontario's settled landscapes

Our Forest

Our Forests

Cache Lake — Algonquin National Park of Ontario.
"On Grand Trunk Railway."

Our Forests



Cache Lake — Algonquin National Park of Ontario.
"On Grand Trunk Railway."

Our Forest

Trees are the
Lungs of the Earth

Our Forest

“Shinrin-yoku (Forest Bathing)”

Our Forest

Healthy Forests = Healthy People

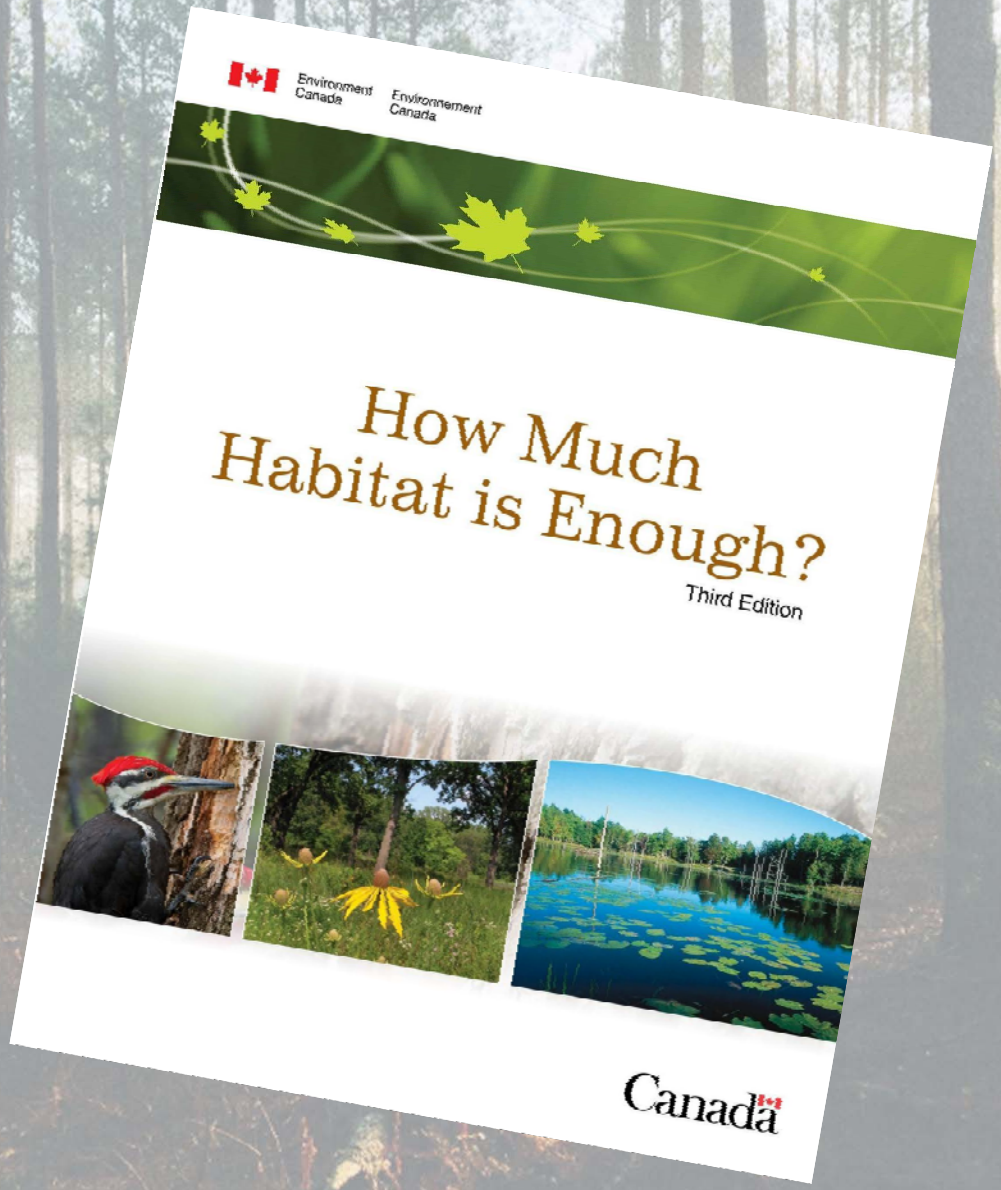
Our Forest

The Future of our Forests

Factors affecting the future of our environment and forests:

- Habitat Loss
- Invasive Species
- **Climate Change**

The Future of our Forests – Habitat Loss



The Future of our Forests – Habitat Loss

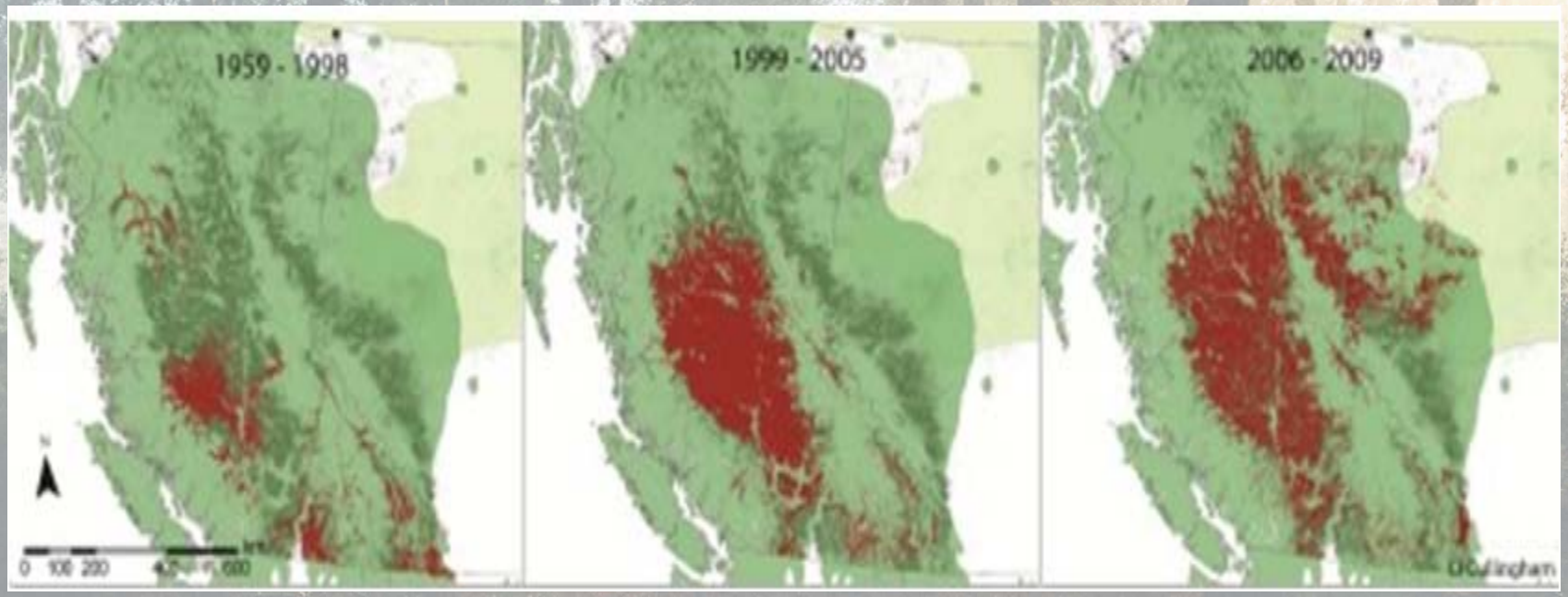
The Future of our Forests – Habitat Loss

The Future of our Forests – Habitat Loss

The Future of our Forests – Invasive Species

- Emerald Ash Borer
- Dog Strangling Vine
- Asian Long Horned Beetle
- Grape Ivy
- Buckthorn
- Mountain Pine Beetle

The Future of our Forests – Climate Change



The Future of our Forests – Climate Change

Our Forests Our Future

Our Forests Our Future

Climate Change Adaptation Principles

- Seek “best bets-no regrets” actions
- Species Migration Trial Studies
- Large, contiguous, diverse and healthy forests
- Supply chain for seed/seedlings

The 50 Million Tree Program

- Introduced in 2008 as a Government program administered by Forests Ontario.
- Goal of planting of 50 million trees across Ontario by 2025
- More than 28M planted over 15,000 hectares
- Engaged with more than 5,000 landowners
- Afforestation not reforestation

The 50 Million Tree Program

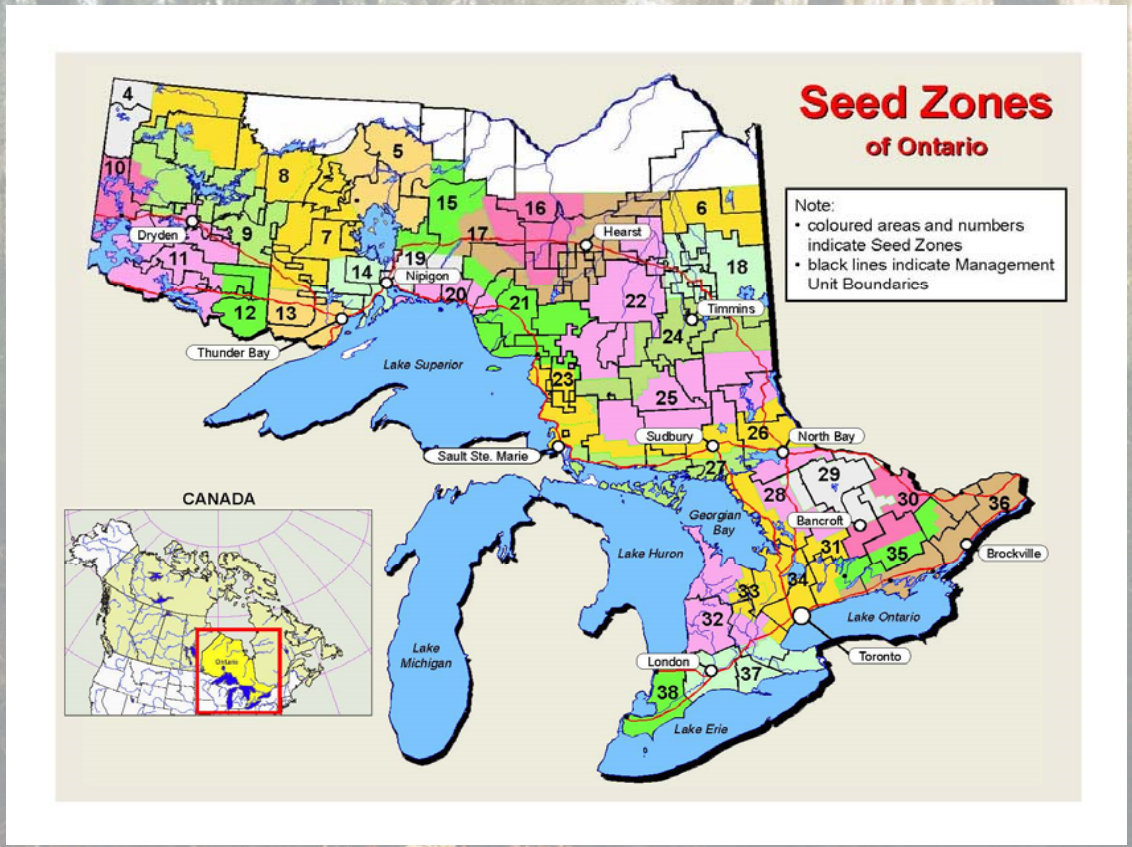
Tree Planting

Increasing forest cover isn't as simple as just planting trees. Ensuring that the right tree get planted in the right place for maximum survival requires complex infrastructure.

The 50 Million Tree Program

Seed & Stock Development:

- Working with Forest Gene Conservation Assoc., partner nurseries and PDAs to coordinate seed collection and stock development



The 50 Million Tree Program

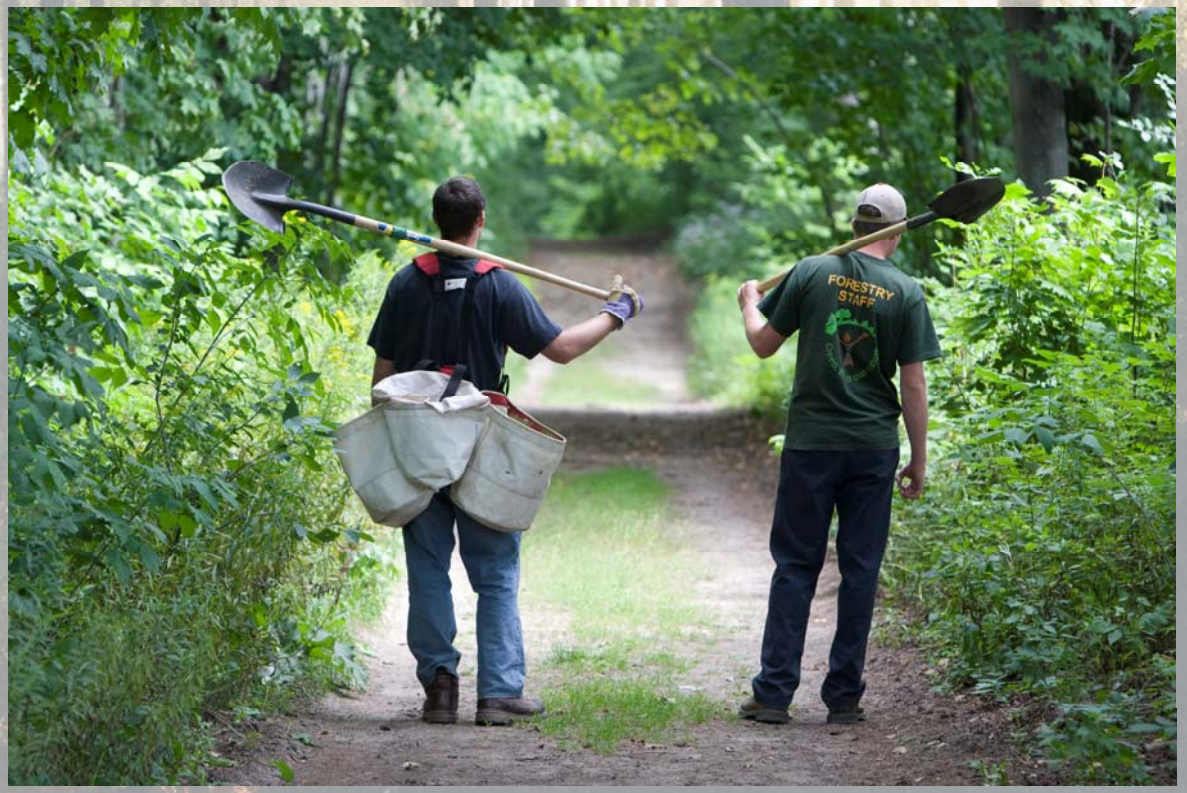
Seed & Stock Development:

- Working with Forest Gene Conservation Assoc., partner nurseries and PDAs to coordinate seed collection and stock development

The 50 Million Tree Program

Capacity Development:

- Technical workshops for forestry professionals
- Transfer knowledge and technical skills



The 50 Million Tree Program

Forests Ontario adapts as new knowledge is gained (i.e. alternative approaches):

- Multi-species plantations
- Native ground cover
- Direct seeding
- Natural regeneration component
- Variable spacing

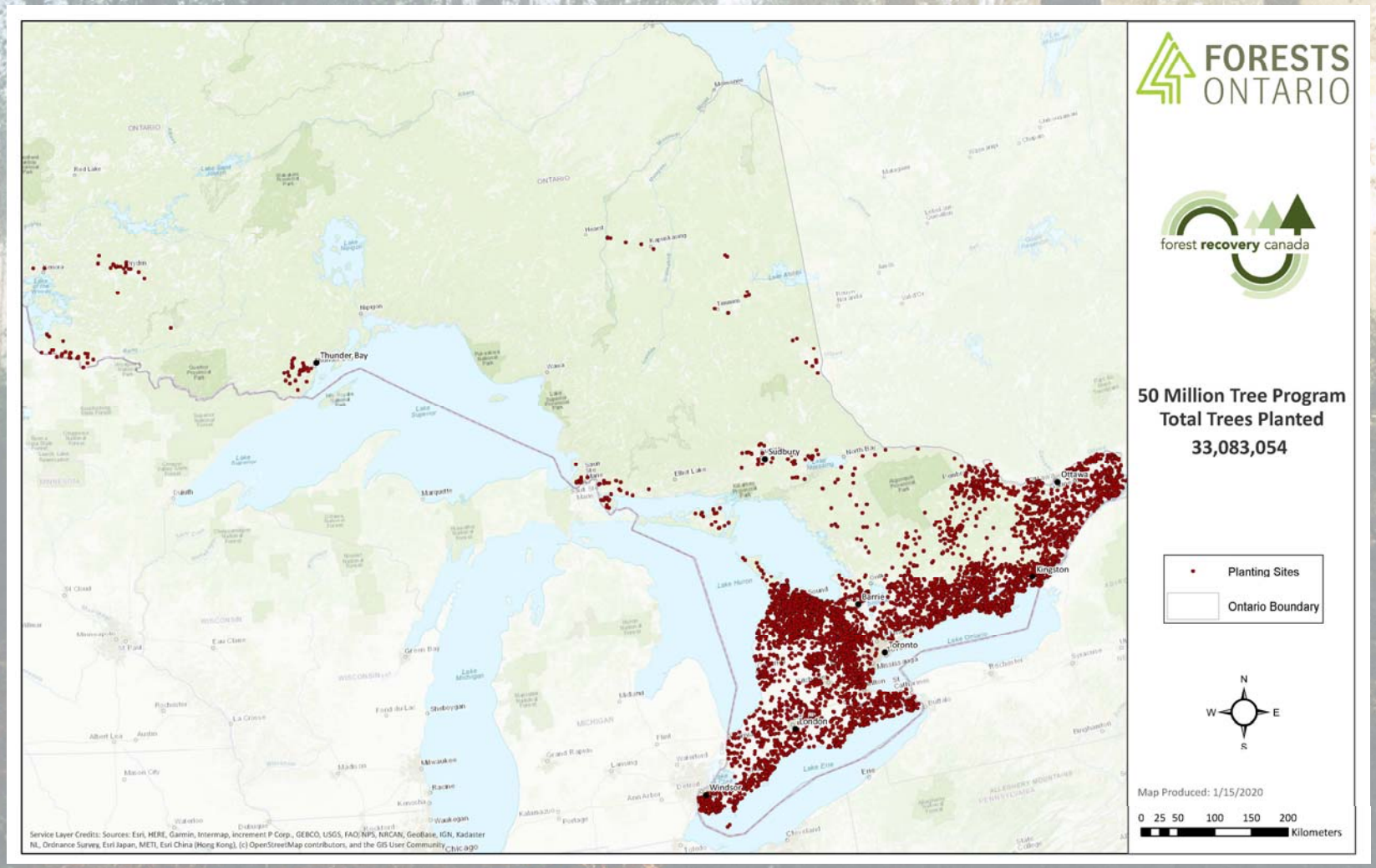
The 50 Million Tree Program

Public Outreach

- Technical workshops for the public
- Community tree planting events

The 50 Million Tree Program

Monitoring



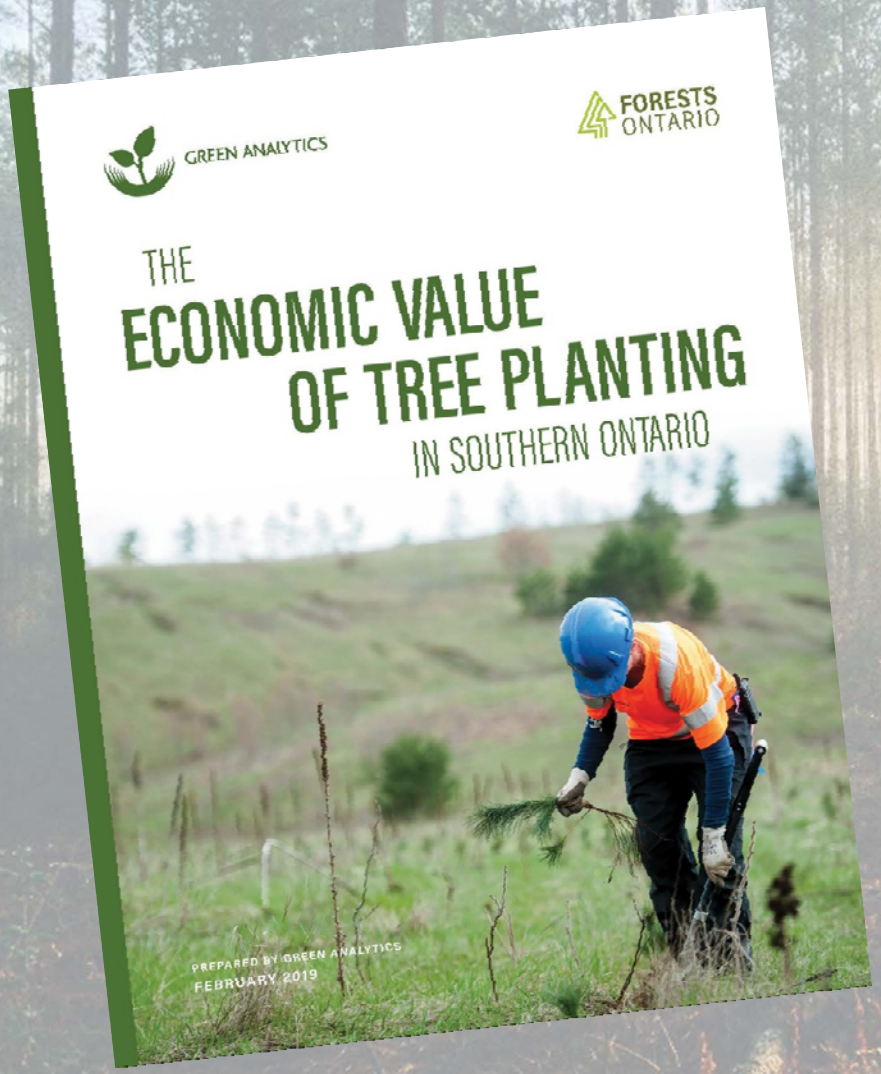
The 50 Million Tree Program

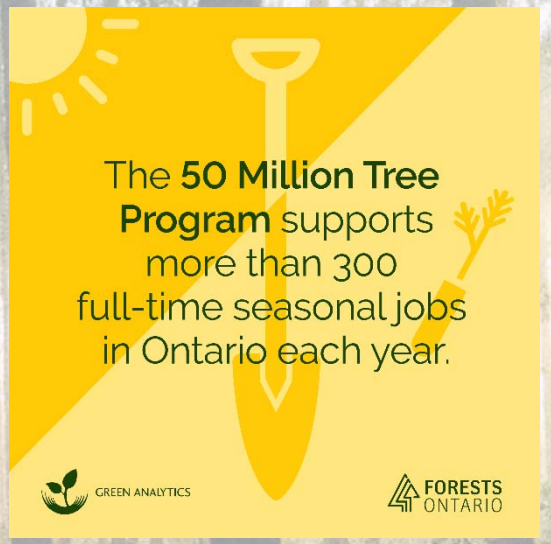
Tree Planting

Increasing forest cover isn't as simple as just planting trees. Ensuring that the right tree get planted in the right place for maximum survival requires complex infrastructure.

Forests Ontario is the only non-profit in Canada that addresses all of these components

50 Million Tree Program





The 50 Million Tree Program

Eastern Ontario

- More than 8.6 million trees planted
- GDP impact of $4.6 million
- Supports more than 100 full-time season jobs
- Ecosystem services valued at $29.8 million annually

The 50 Million Tree Program

blogTO BEST OF TORONTO RESTAURANTS LATEST NEWS PLACES EVENTS NEIGHBOURHOODS CONTESTS MORE

City Lauren O'Neil Posted 2 months ago Report Inaccuracy

Ontario government cancels program to plant 50 million trees

Forests Ontario @Forests_Ontario · Apr 25

We are sad to share the Ontario government's cancellation of the #50MillionTreeProgram. As the proud voice of Ontario's forests, we will continue to work towards increasing our forest cover to support healthy landscapes, healthy people, & a healthy economy.

Ontario cancels program that aimed to plant 50 million trees | CBC N...

Ontario's Ministry of Natural Resources and Forestry told Forests Ontario the day after the Progressive Conservative government delivered its budget this

cbc.ca

15 125 191

THE DAILY PRESS NEWS SPORTS ENTERTAINMENT LIFE MONEY OPINION OBITUARIES

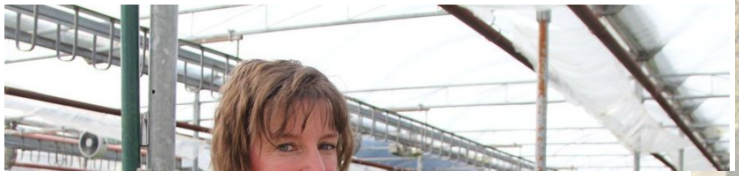
Growers hung out to dry after tree-planting program cut

Millson Forestry Service is scrambling to find a buyer for 260,000 red and white pine seedlings now that the province has cancelled funding for Ontario's 50 Million Tree Program.

Ron Grech

More from Ron Grech

Published on: May 3, 2019 | Last Updated: May 3, 2019 7:22 PM EDT



CBC | ME

news To

Toronto

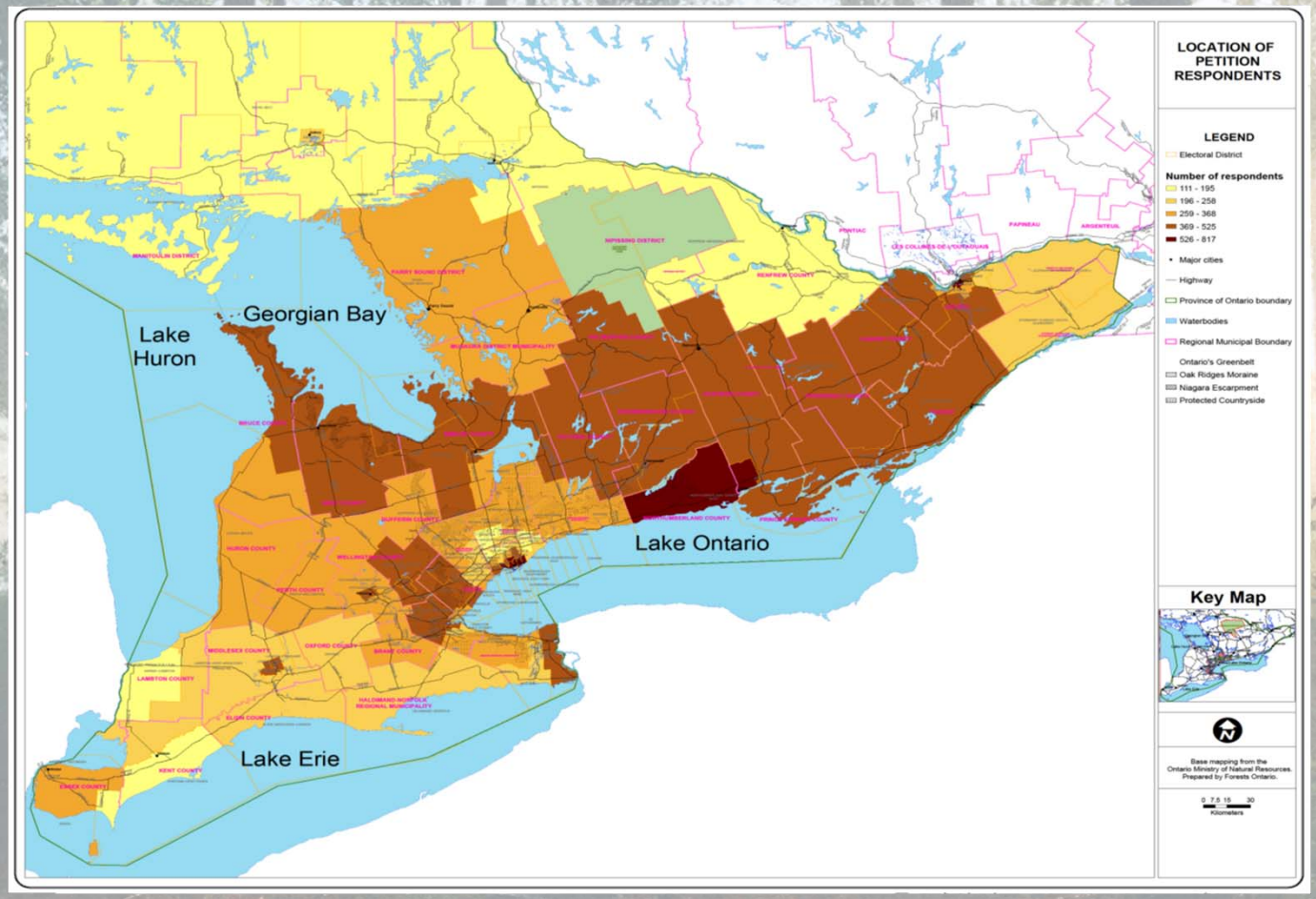
Ontario cancels program that aimed to plant 50 million trees

Initiative began as a carbon sequestration effort

The Canadian Press · Posted: Apr 25, 2019 6:45 AM ET | Last Updated: April 25

FORESTS ONTARIO

The 50 Million Tree Program



FORESTS ONTARIO

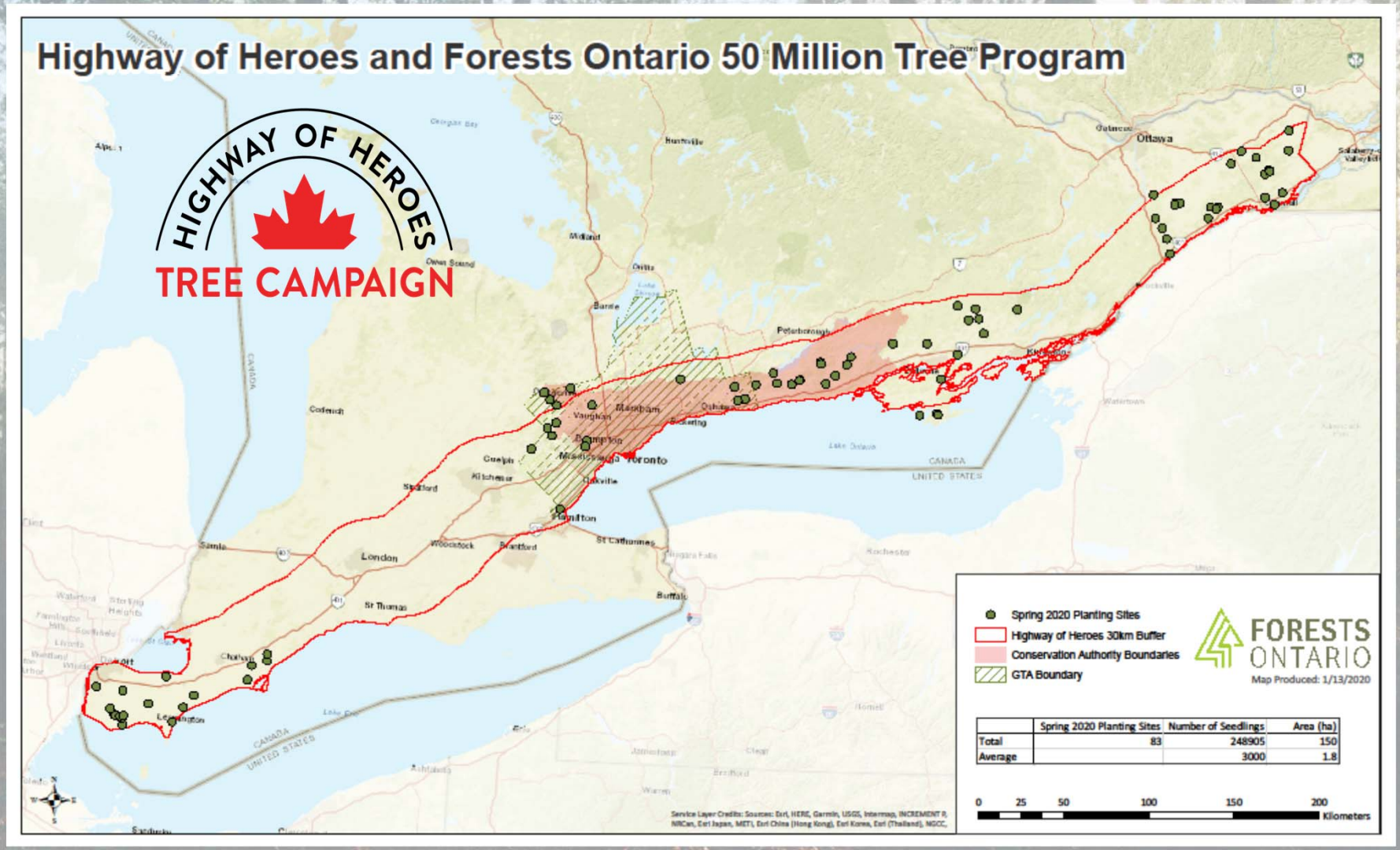
New Forests Ontario 50 Million Tree Program

New Forests Ontario 50 Million Tree Program

Eligibility

- **Minimum of 500 trees planted**
- **Sites less than 1 ha may be considered**
- **Stock used must meet minimum stock standards**
- **Sites impacted by climate change are eligible**

New Forests Ontario 50 Million Tree Program



New Forests Ontario 50 Million Tree Program

How to Apply

Make a Donation

CO_2

Every 1kg of dried wood stores approximately 1.65kg of **carbon from the atmosphere**.

Subscribe to the TreeLine Newsletter

Email Address

PROUDLY SUPPORTED BY

FPInnovations OFIA

BECOME A SPONSOR

Register as a Landowner

Please provide us with your contact information and some details about the property where you are interested in planting trees. Once the form is submitted a representative of Forests Ontario will review it, and you will be contacted by a planting agency or representative of Forests Ontario.

If you have completed this questionnaire previously, or trees have already been planted on your property by a Forests Ontario Planting Delivery Agent (PDA), there is no need to resubmit this questionnaire. Please contact your PDA directly for information about future plantings or Forests Ontario for general inquiries.

FIRST NAME: * LAST NAME: *

DAYTIME/BUSINESS PHONE NUMBER: * CELLPHONE NUMBER:

EMAIL ADDRESS: * CONFIRM EMAIL: *

MAILING ADDRESS: *

MAILING ADDRESS (CON'D)

CITY OR TOWN: * COUNTY: * - SELECT - STATE/PROVINCE: * - SELECT -

POSTAL CODE: * COUNTRY: * - SELECT -

PLANTING PROPERTY ADDRESS SAME AS MAILING ADDRESS

www.forestsontario.ca/planting/register-as-a-landowner/

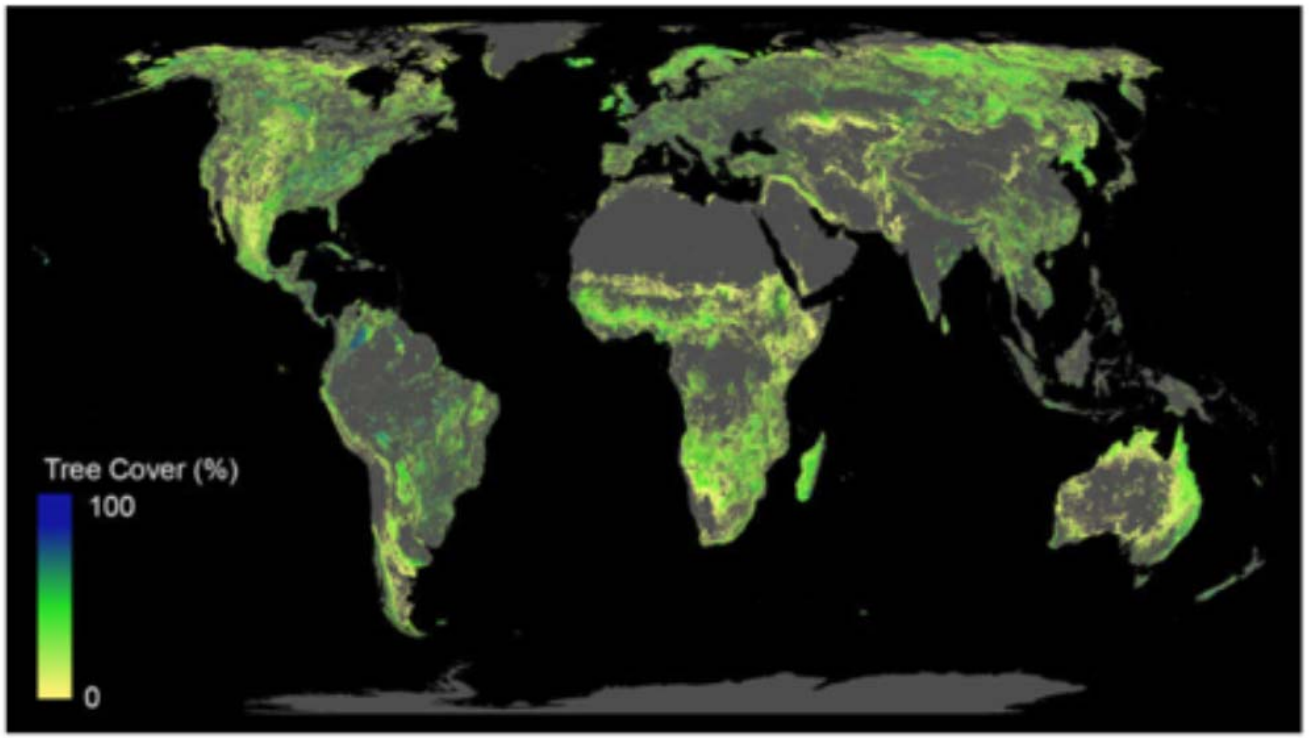
Trees are the answer

Best way to fight climate change? Plant a trillion trees

Study says over decades, new trees could suck up nearly 750 billion tonnes of heat-trapping carbon dioxide.

4 Jul 2019

Trees are the answer



This is where the world could support new forests. The map excludes existing forests, urban areas, and agricultural lands. J. BASTIN, *ET. AL.*, *SCIENCE* 365, 76, 2019

Adding 1 billion hectares of forest could help check global warming

By **Alex Fox** | Jul. 4, 2019 , 2:00 PM

Trees are the answer

Trudeau pledges 2B trees over 10 years

Trees are the answer

Green Party Leader Elizabeth May speaks to supporters as she attends a rally during a federal election campaign stop in Montreal, Tuesday, Oct. 1, 2019. THE CANADIAN PRESS/Graham Hughes

Elizabeth May pledges to plant 10 billion trees by 2050

Trees are the answer

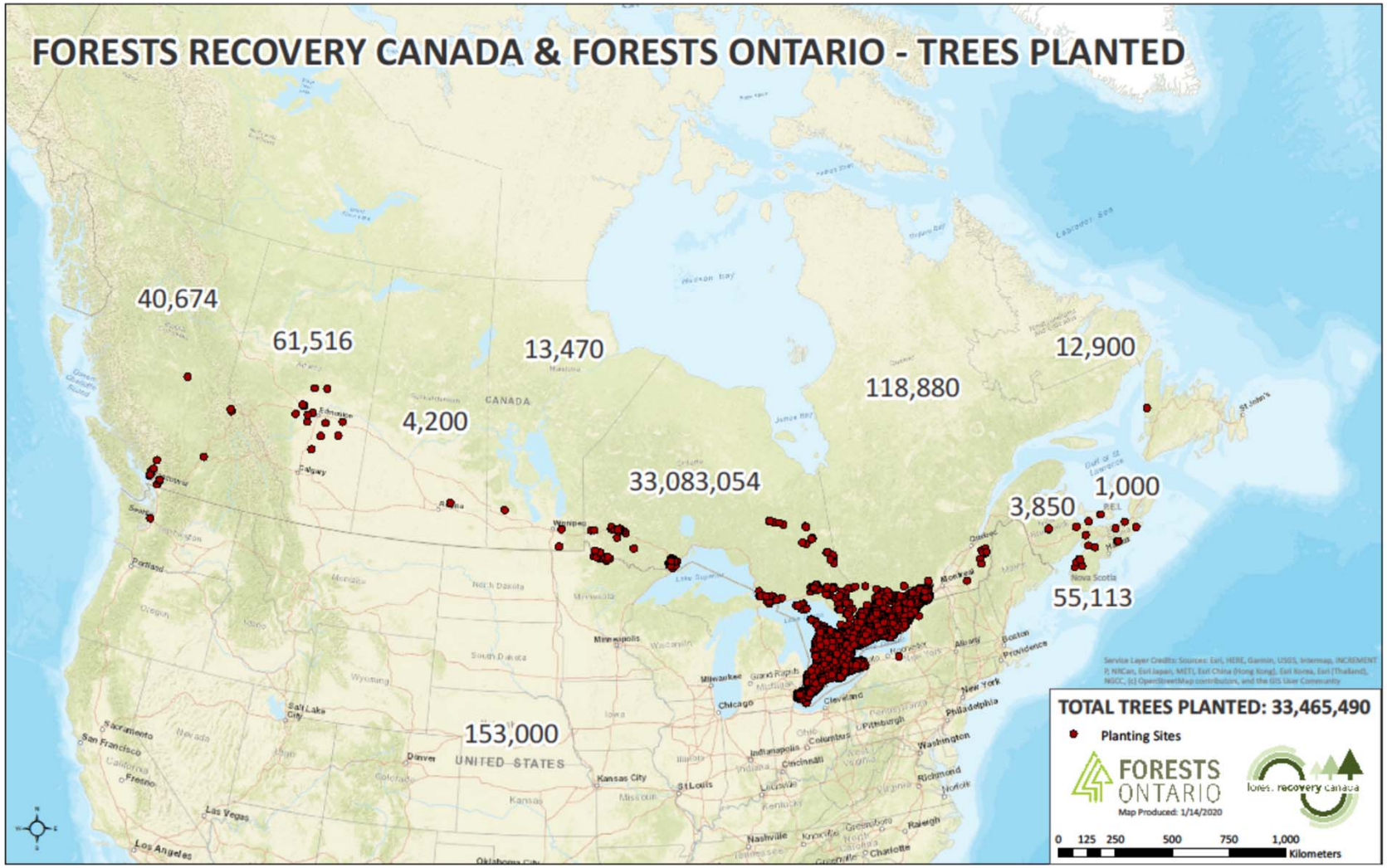
Federal government has committed to plant 2 billion seedlings over the next 10 years

Federal Commitment to Plant 2B over 10 years

Will require increase in overall capacity

- Seed
- Stock
- Landowners
- Public engagement
- Technical expertise
- Monitoring
- Adapting

Federal Commitment to Plant 2B over 10 years



Federal Commitment to Plant 2B over 10 years

Forest Recovery Canada/Forests Ontario is the ideally positioned to support and build successful, large-scale tree planting programs for Canada

Federal Commitment to Plant 2B over 10 years

We need to ensure we do it right to realize multiple wins for climate, biodiversity and people

Federal Commitment to Plant 2B over 10 years

We all need to contribute

www.forestsontario.ca

Our Forest Our Future

The Choice is Yours

FORESTS
ONTARIO
Questions
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rkeen@forestsontario.ca