

**Forest Carbon Opportunities for
Landowners: *through Afforestation and
Reforestation***

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Tree Planting &
Maintenance

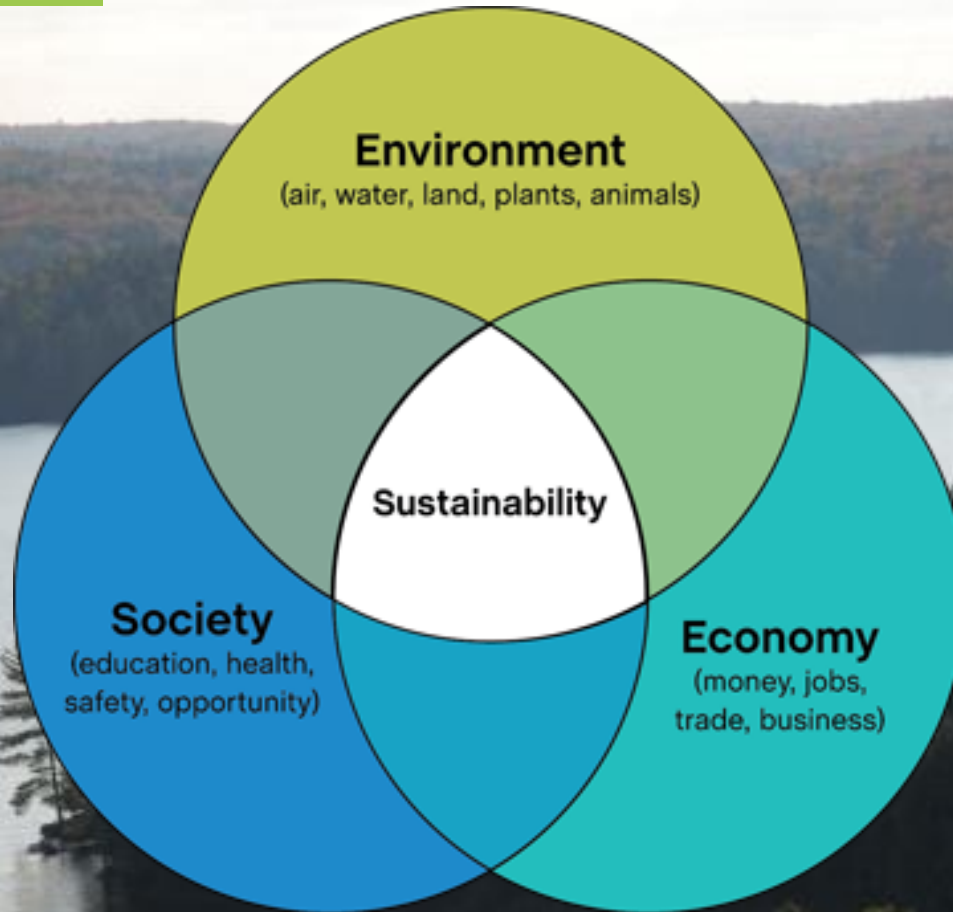


Forest
Education



Community
Engagement

Our Forest



“Realization of the mitigation potential [of forests] requires institutional capacity, investment capital, technology RD and transfer as well as appropriate policies and incentives.”

International Panel on Climate Change (2007)



Federally:

Forest sector GHG emissions and removals estimates

Provincially:

Developing a cap & trade system to include offsets related to afforestation

Municipal:

Developing requirements for forest cover

Privately:

What can you do?

What should you be thinking about?

- What do you currently know about your forest or woodlot?
- What tools do you have access to now that will help inform you?
 - MFTIP, forest certification, etc.

How does this prepare you to make the right decisions for your property or a property you are managing

What do you currently know about your forest

Most significant factors affecting your forest



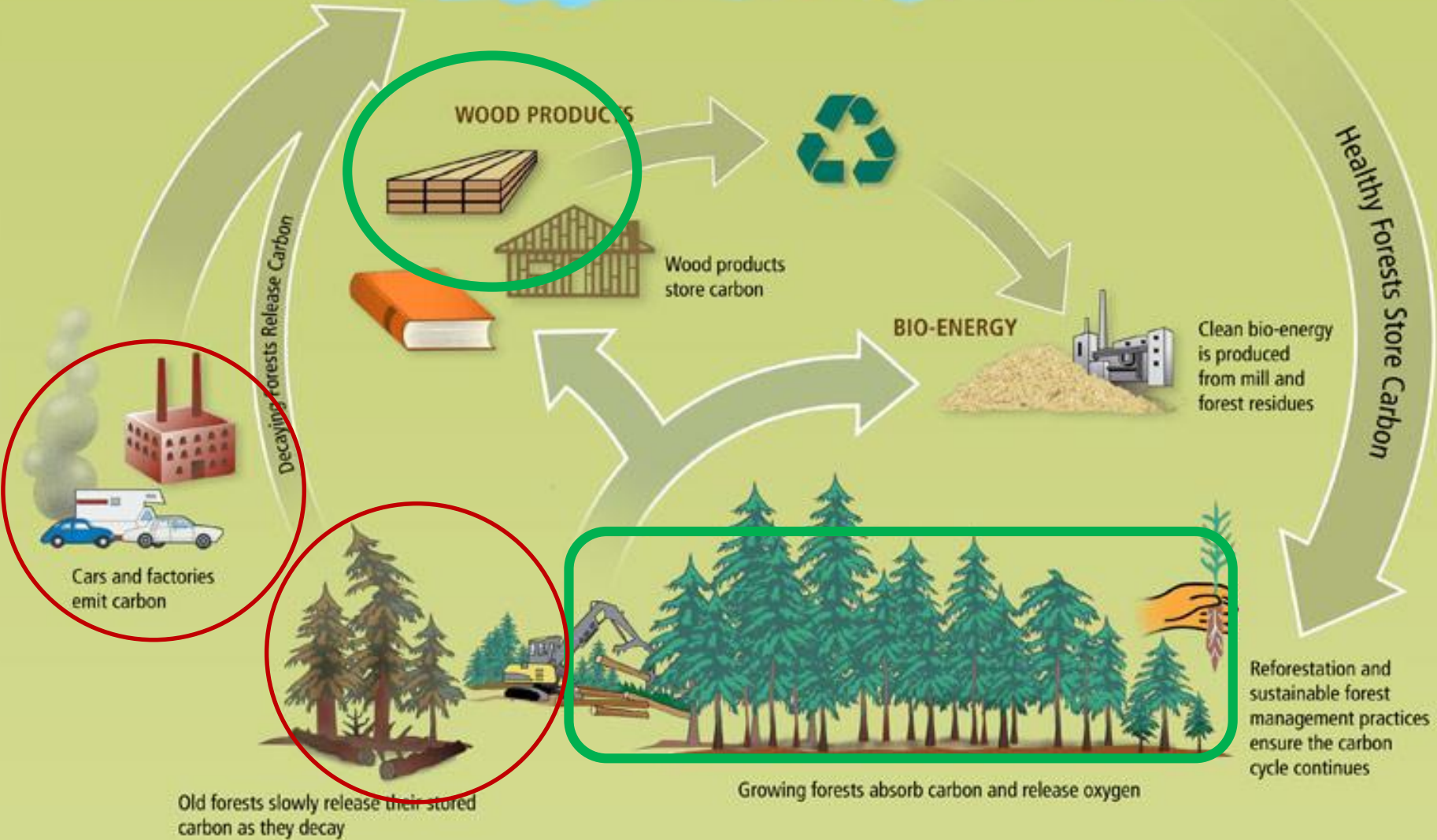


WOOD

Slide by Michael Green, Ted Talk



ATMOSPHERE



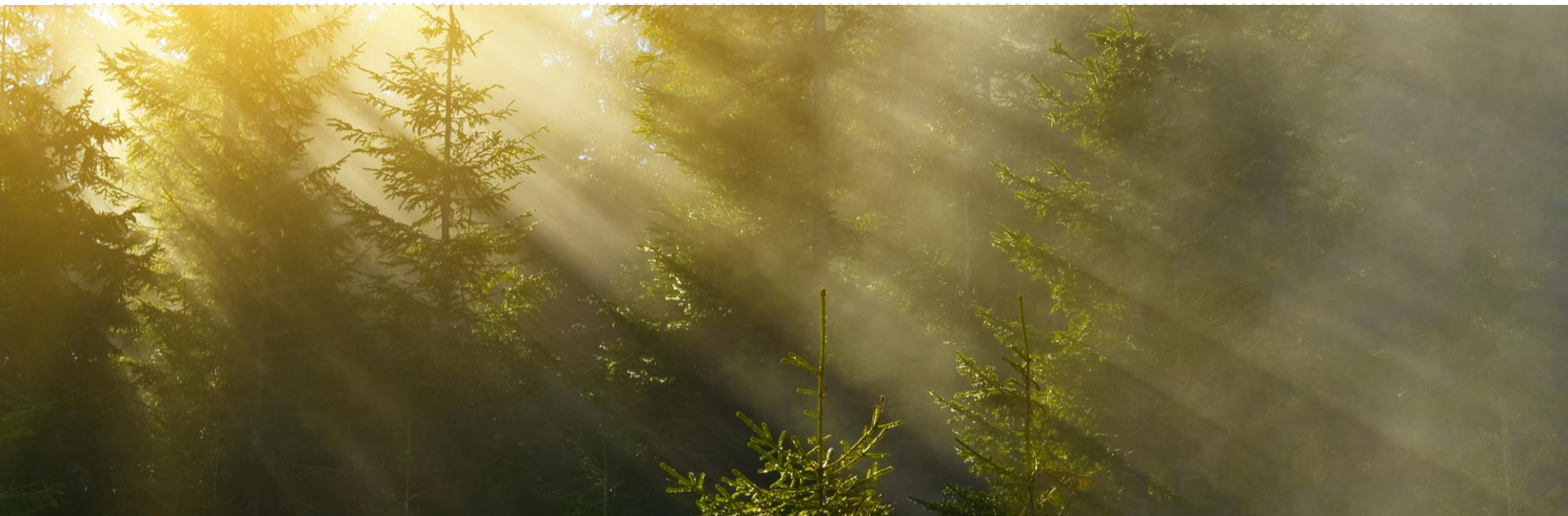


What tools do you have access to?

- Planting funding support (e.g. 50MTP)
- Managed Forest Tax Incentive Program (MFTIP)
- Forest certification
- Forestry-based membership organizations
- Network of forestry professionals

How does this prepare me for carbon offset opportunities

- To ensure the forest is a carbon sink, not a source
- To ensure the forest is permanent through 50+ year agreements
- To ensure the resource is maintained
 - Basal area, density, crown cover, etc.



There are costs to starting and maintaining an afforestation carbon offset project:

\$ - Data Collection (e.g. inventories)

\$ - Project Creation (e.g. afforestation)

\$ - Putting carbon rights on title

\$ - Verification (fees to pay a 3rd party verifier)

\$ - Monitoring (survival, guidelines)



How does this prepare me for carbon offset opportunities

Project Operators:

- Ensure the project meets criteria and protocols
- Collects data related to the project
- Aggregates sites to make them more marketable and economically feasible
- Manage verification
- Manages or outsources carbon accounting
 - Baseline
 - Leakage
 - Additionality





The Markets

Voluntary Market:

- Subject to protocols
- Project funding
- Varying timelines
- Ex-ante or ex post projects

Regulatory Market (in the works):

- Subject to strict protocols
- Verified projects
- Registered projects
- Ex post projects

Verification

A 3rd party audit to ensure standards and methodologies are followed:

- Required for sale in market
- Completed 3-5 years into project
- Long-term monitoring
- Used to determine if ex-anti projects can achieve carbon sequestration targets

Be informed and prepared

Ask the hard questions:

- Are there long-term agreements?
- Do I have management limitations?
- Will I receive a return on my investments made to my forest?
- Will additional access be required?
- Is this project being considered for the regulatory or voluntary market?

What do you currently know about your forest

Most significant factors affecting your forest





The Goal

Continue to use best science to mitigate and adapt to climate change:

- Large, contiguous;
- Diverse
- Healthy forests



The Challenge

Making Ontario's Cap & Trade Program work for you:

- More resources to ensure healthy forests for the future

