



Natural Resources
Canada

Ressources naturelles
Canada

Collective Acceleration: Moving Forward Together

Planting 2 Billion Trees

Tony Lemprière
Canadian Forest Service



Nature-based solutions = conserving, restoring and sustainably managing ecosystems

Nature-based solutions (NBS) for what?

- Greenhouse gas emissions (2030 target, net zero-emissions by 2050)
- Habitat loss, endangered species
- (Natural) infrastructure
- Climate change impacts (e.g. increased magnitude/frequency of forest wildfire, pests)
- Increased risks and vulnerability of communities
- Need for reconciliation with Indigenous peoples



There is no solution to climate change that does not involve forests

How Canada manages its forests and the fibre from them is a core part of NBS for climate

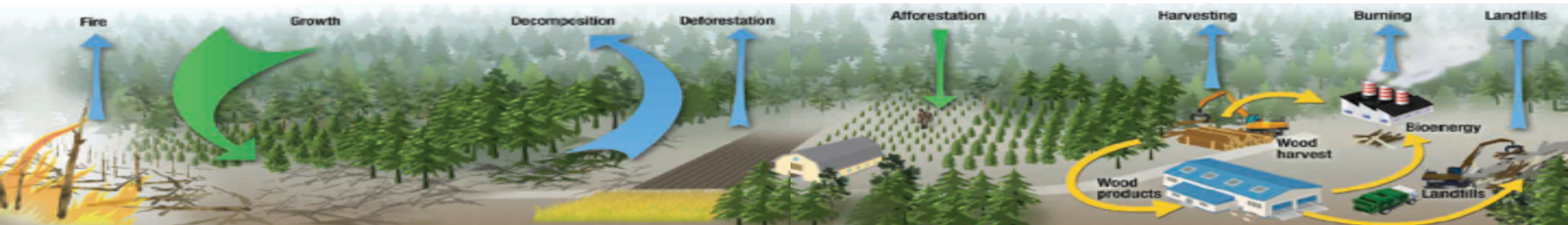
- 347 million hectares of forest (35% of Canada, 9% of world forest cover)
- Contains 2/3 of all species in Canada
- 49% of forests independently certified as sustainably managed
- 500-600 million trees planted each year
- Sequester 24 Mt CO₂ / year in managed forest and associated wood products (2017)

(This does NOT lessen the need for substantial greenhouse gas emission reductions)



A suite of activities is already underway

- Co-funding new tree planting and changes in forest management in various provinces/territories
- Support for substitution of wood in place of non-renewable materials in mass timber construction
- Support for rural/remote communities to switch to biomass in place of diesel for heat and power
- Efforts to accelerate a forest sector bioeconomy framework



New federal commitments to NBS for climate

- Plant 2 billion incremental trees over next 10 years, as part of a commitment to NBS that includes wetlands and urban forests
- Help cities expand and diversify their urban forests
- Protect trees from infestations; when ecologically appropriate, help rebuild forests after wildfire
- Help municipalities have access to domestic sources of climate-resilient and genetically diverse trees that will increase resilience of urban forests



2 billion trees

What do we need to pay attention to?

Partners, seeds for suitable species, seedlings, suitable sites, planting, maintenance, monitoring, reporting

- 2 billion trees = land area twice the size of PEI
- Cost-sharing
- Partners and landowners
- The right tree for the right place
- Planted trees must be incremental
- Include reforestation, afforestation, forest management
- Urban forests must be part of the plan
- It takes at least 2 years to have seedlings to plant, after the seeds obtained





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Questions and comments

Tony.Lempriere@canada.ca