



Forest Enhancement
Society of British Columbia

July 2022

Dear Mayor Jack Crompton and Whistler (Resort Municipality) Council,

Did you know that you may have friends, neighbours, or even family who are making big contributions to global action on climate change?

Our forests are powerfully effective at sucking carbon dioxide out of the air as they grow, and then storing that carbon until it is eventually released by fire, insects, or disease. That's why the United Nations recognizes that good forest management helps mitigate climate change.

Specifically, planting trees that otherwise would not be planted, fertilizing trees to make them grow faster, and avoiding the burning of wood to make green energy, are things we can do for the good of the planet. Since forests are so abundant in British Columbia, and because there are so many people and communities doing good work in our forests, there's a pretty good chance you know somebody who is involved in forestry. The next time you see one of these people, please thank them for what they are doing to take meaningful action against climate change!

Enclosed are copies of our latest Accomplishments Update which shares a snapshot of the fantastic work being done in nine communities in British Columbia. Please share copies with your colleagues and I invite you to learn more about the 134 FESBC-funded forestry projects taking action on climate change at www.fesbc.ca

Sincerely,

Steven F. Kozuki, RPF
Executive Director
Forest Enhancement Society of BC
skozuki@fesbc.ca | 778.765.0938

(604) MC - 9

Insights from the Minister



Hon. Katrine Conroy
Minister of Forests
@KatrineConroy

"Prevention, mitigation, and building a province where communities are more resilient to the impacts of climate change is a top priority for our government. The Province's investment in FESBC through the Low Carbon Economy Leadership Fund supported community projects that reduced wildfire risk, enhanced wildlife habitat, reduced greenhouse gas emissions by utilizing residual fibre instead of burning it in slash piles, improved opportunities for people to recreate in our forests, and improved ecological resiliency, all while creating thousands of jobs in the process. FESBC is a proven partner in delivering on-the-ground forestry projects that support a Stronger BC while keeping British Columbia on track with our CleanBC plan."
—Katrine Conroy

Learn about nine of the 134 FESBC-funded forestry projects taking action on climate change.

TREE PLANTING

Trees absorb carbon in the atmosphere as they grow. Planting more trees, therefore, is an important nature-based climate solution.



1 Cariboo Wildfire Forest Carbon Reforestation. Led by the Office of the Chief Forester (OCF) and delivered by Zanzibar Holdings Ltd., Forsite Consultants Ltd., the Ministry of Forests (FOR), and British Columbia Timber Sales, 53.8+ million trees were planted in the Cariboo Region.
Photo Credit: Mike Madill



2 Provincial Forest Carbon Reforestation. Led by the OCF and delivered by Silivicon Services Inc., Strategic Natural Resource Consultants Inc., Forsite Consultant Ltd., Vast Resource Solutions Inc, various smaller proponents, and FOR, 12+ million trees were planted throughout B.C.
Photo Credit: Mike Madill



3 Skeena Region Whitebark Pine Seed Collection. There was a shortage of registered seeds showing resistance to white pine blister rust. Led by Bulkley Valley Research Centre, Whitebark pinecones were collected, dried, and seeds extracted and stored at the BC Tree Seed Centre for future planting opportunities.
Photo Credit: Bulkley Valley Research Centre

FERTILIZATION

The faster trees grow, the more carbon they absorb. Fertilizing trees and shrubs enables them to grow faster to absorb more carbon.



4 Forest Fertilization. Led by the Lower North Thompson Community Forest Society, eligible stands were fertilized to help maintain or improve the health, rate of growth, and overall resiliency of trees in the community forest.
Photo Credit: Lower North Thompson Community Forest Society



5 Forest Carbon Fertilization. Led by the OCF and delivered by Western Forest Products Inc., 6,526 hectares within coastal forests were fertilized to generate a positive greenhouse gas benefit.
Photo Credit: Brent Ziegler



6 Haida Gwaii Enhanced Silviculture. Two projects were led by Taan Forest to restore forests, producing mature forest characteristic to improve Haida Gwaii Goshawk forage territory. Combined, over 1,000 hectares were fertilized.
Photo Credit: Taan Forest

ENHANCED UTILIZATION OF WOOD WASTE

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7 First Nations Fibre Recovery. Led by Atlantic Power (Williams Lake) and local First Nations companies, residual forest debris was ground, transported, and used to generate electricity.



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Photo Credit: Valley Carriers Ltd.



By the Numbers

Taking Action on Climate Change with Nature-based Forestry Solutions

\$150 million dollars invested into Forestry Projects from LCEL Funding

134 Forest Enhancement Projects funded, or partially funded, by LCEL Funding

66 Million trees planted, sequestering approximately 2.4 million tonnes of CO₂e by 2050*

19,000+ Hectares of B.C. forests fertilized, sequestering .80 million tonnes of CO₂e by 2050*

4.5 million cubic metres of wood waste utilized instead of burned in slash piles, avoiding 1.0 million tonnes of CO₂e by 2050*

1,300+ Full time equivalent jobs created*

4.2 = 904,000**
Million tonnes of CO₂e sequestered or avoided by 2050* Gasoline-powered passenger vehicles off the road for 1 year.

*with LCEL Funding since 2016
**SOURCE: calculation-greenhouse gas equivalencies calculator (US Environmental Protection Agency)

"Tsi Del Del has really appreciated the opportunity to collaborate with Williams Lake Indian Band on grinding and trucking more than 1,000 piles (of wood fibre) to customers in our local fibre basket. Working together on a business basis has resulted in benefits for both communities and created employment opportunities while making products from this biomass."
—Percy Guichon, Director Tsi Del Del Enterprises Ltd., and Tšideldel First Nation Councillor



Did you know?

Forestry is taking action on climate change and there are many important partners involved.

The **Forest Carbon Initiative (FCI)** was launched in 2017 as a key element of B.C.'s commitment to take action on climate change. B.C. has partnered with FESBC, BC Timber Sales, Forests-for-Tomorrow and others to deliver FCI.

The goal is to continue to help meet provincial and federal climate change targets by delivering greenhouse gas benefits in the short term (2030), medium term (2050) and beyond through investments on the land base, changing practices, research, education and outreach.

To learn more about FESBC projects taking action on climate change, visit

www.fesbc.ca

FESBC would like to gratefully acknowledge the financial support of the Province of British Columbia through the Ministry of Forests. These projects were funded in part by the Government of Canada.

Future of Forestry

Many people in British Columbia and around the world would like to take action on climate change. **Women and men working in B.C.'s forests are walking the talk and making some of the biggest contributions to the global effort to reduce greenhouse gases.** They implement treatments to cut trees to reduce wildfire risk to protect communities, plant trees to accelerate ecological recovery, and use woody biomass to create energy. They do so in a manner that creates numerous co-benefits such as enhancing recreational opportunities, improving wildlife habitat, creating healthier and more resilient forests, and creating jobs in the bioeconomy. They also use wood as a long-lived and ecologically sustainable construction material, substituting energy-intensive products such as concrete and steel. These climate change heroes are often found in the forest wearing hard hats and bright yellow vests.



"Without the FESBC funding we wouldn't have been able to do the work we've done so far and start an initiative for more restoration work. It's significant towards reconciliation with the Nation and to restoring areas impacted by war-effort and pre-Forest Practices code logging."
—Jeff Mosher, RPF, Chief Forester, Taan Forest

Learn More



If you'd like to learn more about the Forest Enhancement Society of BC and how people in British Columbia's forests are helping create climate change solutions, reduce wildfire risk, and keep workers employed through our funded projects, connect with us!



Steve Kozuki, FESBC Executive Director
skozuki@fesbc.ca or 1.877.225.2010

Subscribe to our FESBC Newsletter:

www.fesbc.ca

Follow us on:  

A Natural Solution:

Taking Action on Climate Change Using Forests

Low Carbon Economy Leadership Fund Accomplishments Update — SUMMER 2022



Photo: Provincial Forest Carbon Reforestation Project | Photo Credit: Mike Madill

BC and Canada Contribute to Global Action on Climate Change Low Carbon Economy Leadership Fund

To follow through on international commitments and drive Canadian climate action, Canada's federal, provincial, and territorial leaders adopted a made-in-Canada climate plan in 2016. The plan provided funding over five years to support action under the Pan-Canadian Framework on Clean Growth and Climate Change and to work toward transitioning Canada toward more sustainable economic growth and meeting or exceeding the Government of Canada's target under the Paris Agreement. Under the Forest Carbon Initiative, B.C. proposed to invest in forestry projects that sequester carbon and/or materially reduce carbon emissions. The Low Carbon Economy Leadership Fund (LCELFF) Agreement is the signed document between the two governments to achieve these goals.

The LCELFF is an important part of the plan and leveraged investments in projects that generated clean growth and reduced carbon dioxide and other greenhouse gases. This included \$250 million in funding provided to the Province of BC, \$150 million of which was indirectly deployed through the Forest Enhancement Society of BC (FESBC). **This funding contributed to 134 forestry projects taking action on climate change** through the three internationally accepted ways that forests can reduce greenhouse gases: **planting trees that otherwise would not be planted** (to absorb carbon dioxide from the air), **fertilizing trees** (when trees grow faster, they absorb carbon dioxide faster), and **using waste wood in the forest that otherwise would have been burned** (avoiding greenhouse gas emissions). These projects spanned the entire province, and we highlight and celebrate their impressive outcomes.



Forest Enhancement
Society of British Columbia



DID YOU KNOW?

Over 66 million trees were planted using LCELFF Funding
(read more next page)



"We are in alignment with the Province of BC, the Government of Canada, and the United Nations in recognizing that forestry is a significant nature-based tool we can use to take meaningful action against climate change."

Steve Kozuki, RPF
Executive Director, FESBC

 @KozukiSteve

Learn More about Forestry-led Projects
Taking Action on Climate Change

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