
WOOD PELLET
ASSOCIATION OF CANADA

"WASTE NOT, WANT NOT" –
THE B.C. EXPERIENCE

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Forest Enhancement
Society of BC





Who Is Steve Kozuki?

- Registered Professional Forester with experience in operational forest management, log valuation, policy, and government.
- Worked for forest consultants, Weldwood, Council of Forest Industries, Paper Excellence, BC Timber Sales Manager in Cariboo-Chilcotin, Director Timber Pricing in Victoria.
- Now Executive Director for Forest Enhancement Society of BC.





What Is FESBC?

BC Crown Agency

- Mitigate the Impacts from Wildfire
- Improve Damaged or Low-Value Stands
- Improve Habitat for Wildlife
- Support the use of Fibre from Low-Value Stands
- Manage Greenhouse Gas Emissions





FESBC Strategy Differentiators

- Bias to projects with multiple benefits to deliver high benefit/cost ratios.
- Earn social license at local grassroots community level.
- Provide communications leadership for project proponents, who then become credible third-party advocates for FESBC. Zero paid advertising.
- Build relationships with other organizations.
- Bias to projects that are transformational.





FESBC Operational Differentiators

- Proponent-driven, Gated approval, will pay 100% of cost.
- Willing to take calculated risks: New operational practices, New entrants.
- Orientation to customer service. Coach applicants. Funder of choice.
- Allocate funding to private companies in a manner that does not create competitive points of friction (understand fibre market sheds).
- Lowest administration cost amongst comparable programs.



British Columbia Forest Fibre Utilization

For decades, **there was a balance** between production of sawmill residuals and consumption by pulp mills. What changed was:

- Beehive burners phased out, pellet plants and co-gen facilities were built.
- Then timber supply declined, sawmills shut down (resulting in lower supply of mill residuals).

Secondary fibre consumers have **two choices**:

1. Shut down facilities to match production with available supply of mill residuals.
 2. Find a way to increase proportion of forest residuals (which are more expensive).
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British Columbia Forest Fibre Utilization

For years, there has been a mutual desire for less logging waste; however, harvesting companies see the problem as a financial/economic barrier, and gov't staff tend to see it as a problem of morality.

Regulatory Actions:

- Beehive burners phased out; industry responded.
- Fibre Recovery Zones implemented, mixed views.
- “Do Not Destroy” orders rarely used for waste piles.

FESBC Actions:

- Calculate net GHG and social benefits from avoided waste.
 - Fund incremental utilization of forest waste that is incidental to commercial logging.
 - On some forests damaged by insects or fire, fund land clearing and reforestation.
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FESBC Permanent Legacy

FESBC strives to foster **enduring changes** in the forest sector. Using money to create jobs is easy, but often the jobs and benefits come to an end after the money runs out. However, with careful and strategic allocation to the right projects, funding can result in permanent shifts:

- First Nations more fully participating in the forest economy, contributing to reconciliation and certainty for business.
 - Increasing the use of forest residuals, acceleration to a larger forest bioeconomy, mitigate impact of reductions in timber supply on secondary fibre consumers.
 - Creating operational know-how and economies of scale that in turn drives down unit costs.
 - Growing healthy forests and ecosystems for future generations.
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FESBC Action On Climate Change

Assisting B.C. and Canada achieve Paris targets.

FESBC funded projects will sequester or avoid over **5.3 million tonnes of CO₂e by 2023**: Equivalent to taking 1.1 million cars off the road for a year.

- 1) Planting trees on Crown land that otherwise wouldn't be reforested;
 - 2) Growing trees faster by fertilizing forests which captures atmospheric carbon dioxide faster; and
 - 3) Using more wood from the forest for bio-energy or long-lived forest products, which avoids carbon emissions from slash burning and potentially displaces energy derived from fossil fuels that otherwise might have been generated outside of B.C.
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FESBC: DELIVERING THE SOCIETY'S GOALS ACROSS B.C.



FESBC - A Catalyst to Innovation

- New Equipment
- New Operational Processes
- New Players
- New Partnerships
- Addressing Multiple Objectives and Values



Fox Mountain Wood Waste



BEFORE



AFTER



Chinook Community Forest



BEFORE

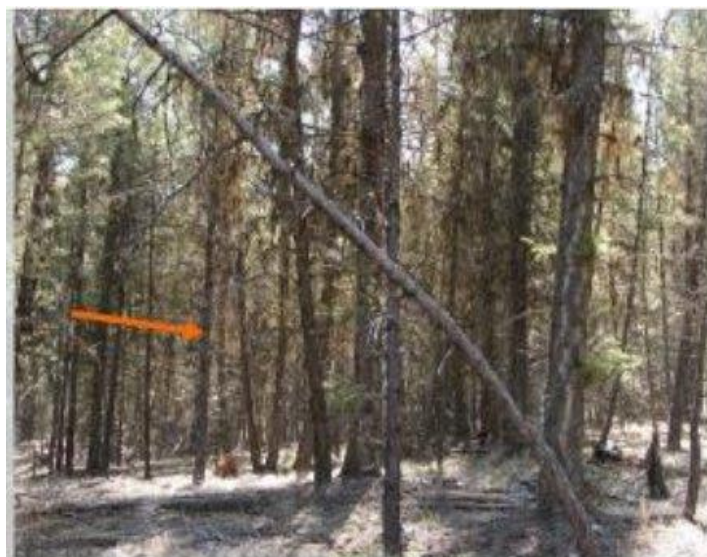


AFTER





Some FESBC Projects Will Result In



Before

3 Years After

Fuel management treatment to reduce wildfire risk, rehabilitate low value forests, restore cultural attributes and enhance wildlife habitat





QUESTIONS AND COMMENTS ARE WELCOME!