
Roadside Logging Residue

Opportunities for utilization

SISCO Winter Workshop

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Logging Residue

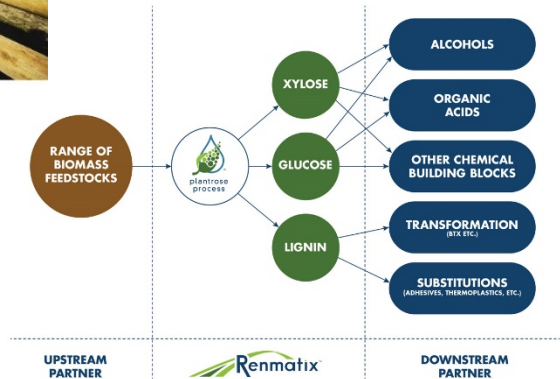
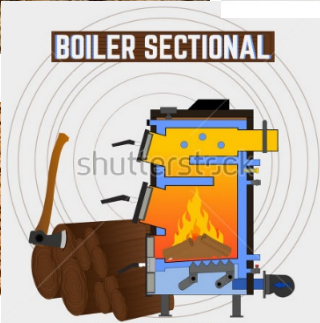
Current practice



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Residue-based products - options

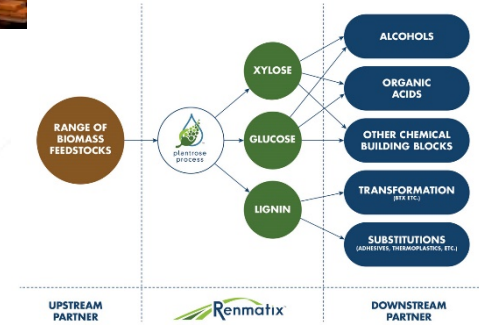


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Residue-based products – relative value

Increase in relative value



Current Residue Use Focus



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Goal and objective

Goal

- Full, practical and economic utilization of logging residue with its **direction to the products of highest value**, including ecosystem services

Objective

- To identify opportunities & barriers to full utilization of fibre arising from logging while:
 - Encouraging investments in technology & products of high residue conversion value
 - Minimizing material burned & contributing to impacts on air quality & greenhouse gases
 - Targeting zero cost increase to the participating primary logging contractor
 - Creating community social & economic benefits through local independent residue utilization businesses

Logging Residue Benefits

Potential benefits in achieving the goal:

- Increased job creation
- Increased Government revenue, direct and indirect
- Increased community economic development & diversification
- Elimination of negative air quality impacts on the regional air shed
- Decreased negative impacts on the world's climate

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Barriers to realizing benefits

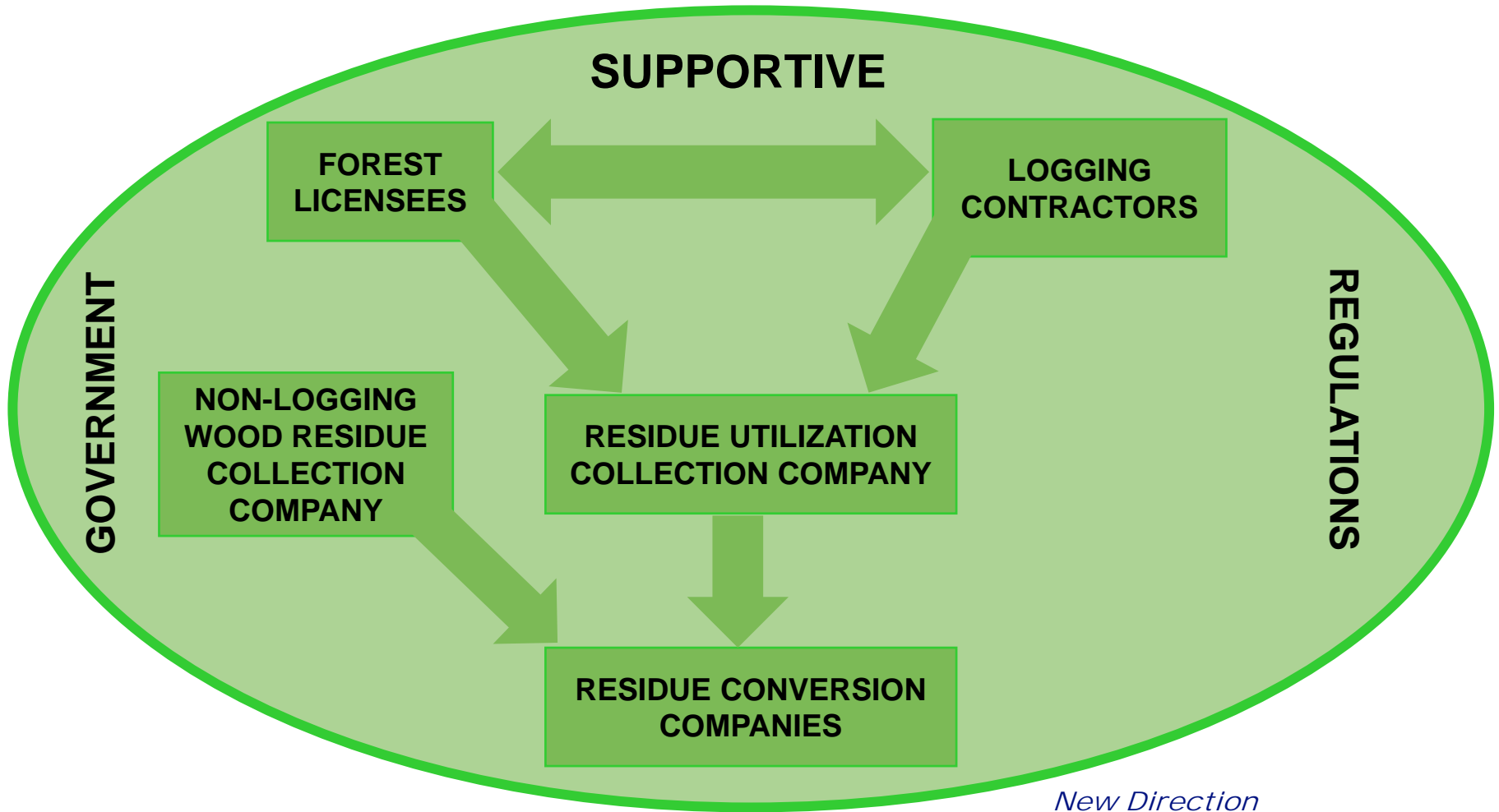
- Leadership
 - International secondary wood manufacturing sector experiences identify success requires Government leadership
 - Focus on secondary wood manufacturing sector, including non-lumber residual fibre users, requires an organization with a program & budget
- Wood residue related regulations & policies that:
 - Favour primary Licensee objectives at the expense of benefits from other options
 - Provide Licensee full control of fibre access
 - Emphasizes Licensee utilization priorities (e.g., bio-energy)
 - Discourages secondary wood manufacturing products
 - Encourages burning vs full fibre utilization
 - Focus on B2B where Licensee has control
- Inadequate monitoring of waste regulation compliance

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Barriers to realizing benefits

- A system that:
 - Discourages full residue utilization while meeting Licensee core needs
 - Discourages directing residue to products of highest value
- Incentive for a Licensee to collaborate with a residue utilization company
 - No compensation for any additional cost to assist in economics related to residue utilization
 - Easier to pay waste bill than work with residue utilization company
- Residue utilization company challenges, such as:
 - Unreliable fibre supply chain that deters investors & financial institutions
 - Barriers to access loan capital for business entry & growth
 - Ability to pressure Licensee to work collaboratively
 - Requirement to pay stumpage on wood removed from roadside piles

Fibre Utilization Regional Cluster Solution - supply/value chain collaboration



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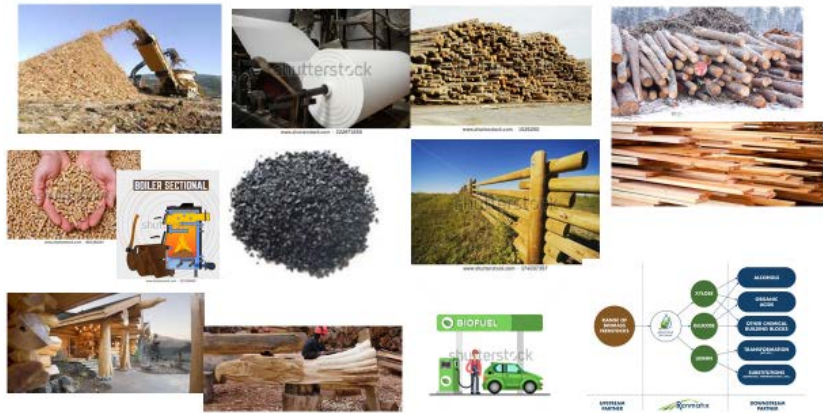
Steps forward

- Identify a champion to encourage cooperation, collaboration & innovation in residue utilization
- Obtain meaningful Government support related to enhancing security of fibre supply for secondary wood manufacturers, including non-lumber residual fibre users
- Establish a pilot project to demonstrate cluster concept & improve forest fibre utilization, possibly within the Thompson Rivers Forest District, including:
 - Establishing a database of existing secondary wood manufacturing companies in the region
 - Confirming the barriers & solutions regarding the management & use of wood residue
 - Identifying the level of commitment & requirements of the 3 main parties in establishing a regional cluster
- Create a viable and economic supply/value chain regional cluster

What's Your Choice?



OR



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