
Material flows and end-uses of harvested wood products produced from New Zealand log exports

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Background

- MPI commissioned a project to develop a robust methodology and models that support New Zealand to meet UNFCCC and Kyoto Protocol (KP) requirements for tracking the volume and type of wood products produced from NZ grown roundwood in overseas markets.
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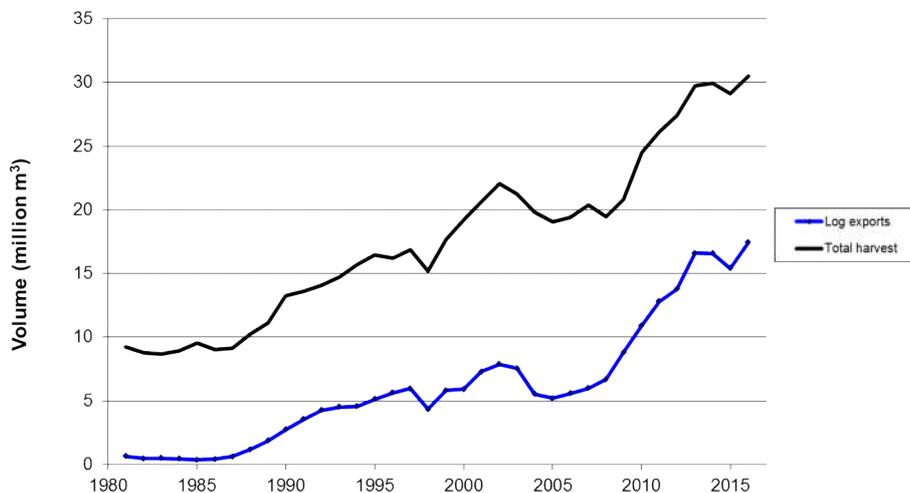
Purpose

- To review material flows and end-uses of harvested wood products produced from New Zealand log exports.
 - The focus is on New Zealand's three major markets:
 - China (68% of 2015 log exports)
 - South Korea (17%)
 - India (11%)
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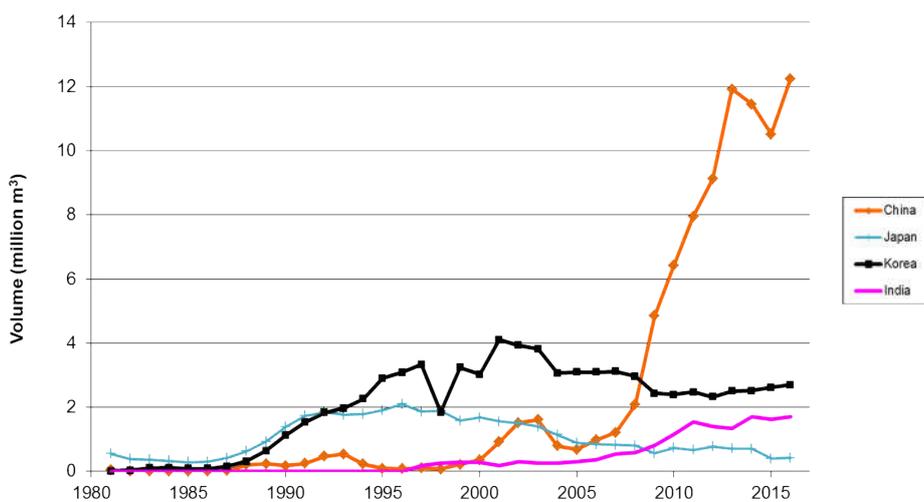
Approach

- A survey of New Zealand log exporters
 - grades that they export
 - the probable products produced from the exported logs
 - their likely end-use.
 - Visits to each of the three countries
 - overview of the material flow and end uses of the products produced from New Zealand export logs.
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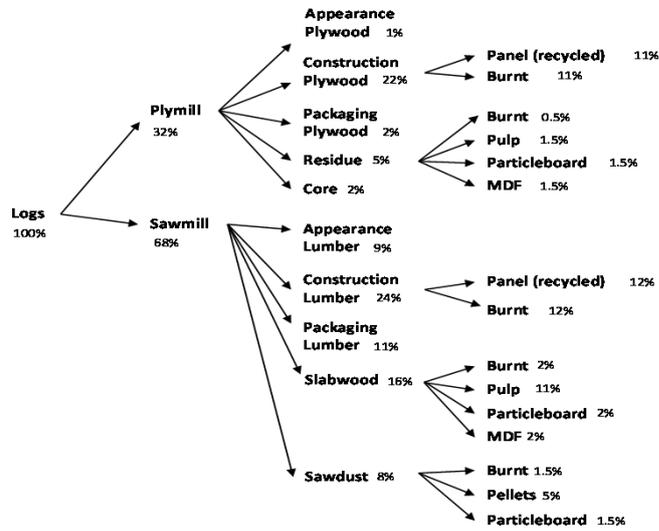
New Zealand plantation harvest and log export volumes



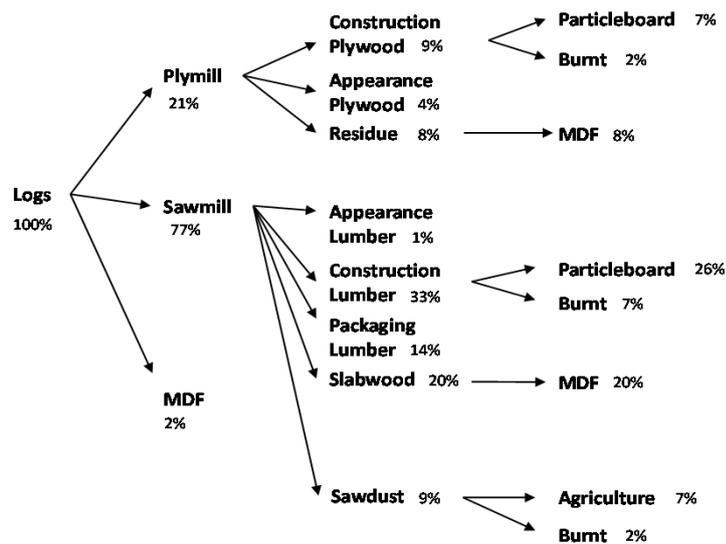
Log exports by country of destination



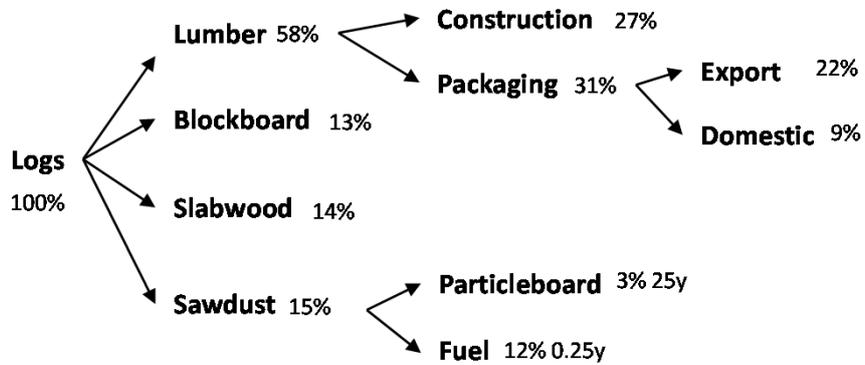
China HWP model



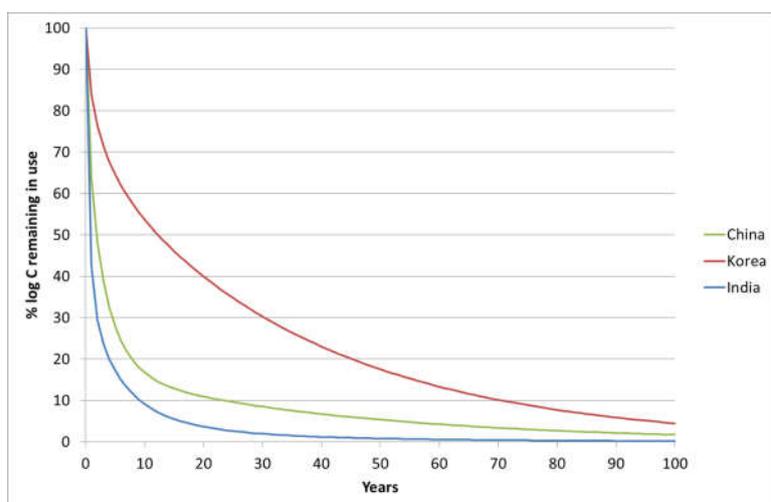
South Korea HWP model



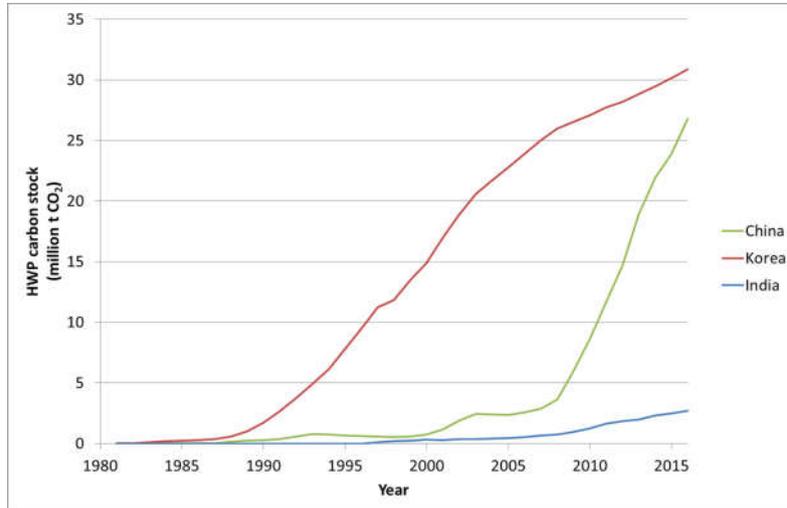
India HWP model



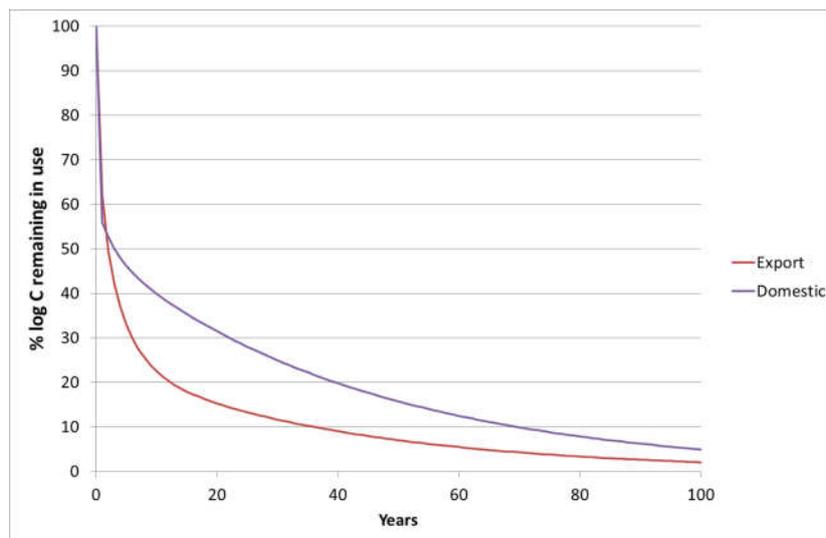
HWP decay curve by country



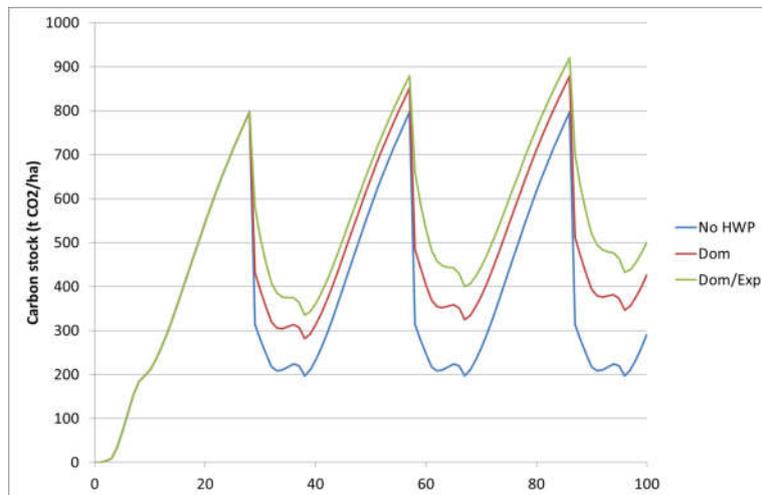
HWP carbon stock



HWP decay curve – export vs domestic (MfE)



Implications for NZ ETS if HWP deferred liability is devolved



Numbers are indicative

- Most numbers are estimates only
- In some cases they are assumptions rather than estimates
- They apply at a particular point in time

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