

Wood Energy Strategy

Diversifying New Zealand's energy mix

- › Production forestry is our largest renewable biomass resource.
- › Around 40% of fossil fuelled process heat could be replaced by wood energy by 2050.

The **Wood Energy Strategy** and supporting **Action Plan** signal the importance of this fuel as part of our energy mix and encourage further investment across the wood and energy sectors.

Our vision: New Zealand accelerates wood energy as a reliable, affordable and sustainable energy resource for domestic and export markets – creating new economic and employment opportunities for forest owners and wood producers in our regions.

Outcomes we are seeking:

					
SECURITY OF ENERGY SUPPLY Enable additional supply of wood fuels to diversify our energy system and power our economy, reducing reliance on imported fuels and domestic gas, and supplement the existing forestry sector.	REGIONAL ECONOMIC GROWTH Enable domestic wood energy production to support regional employment opportunities, increase productivity and the resilience of regional forestry and wood-processing sectors.	EMISSIONS AND SUSTAINABILITY Enable sustainably sourced wood energy to be used to displace fossil fuels where it is economically efficient compared to other options.			
OBJECTIVES					
OBJECTIVE 1:	OBJECTIVE 2:	OBJECTIVE 3:	OBJECTIVE 4:	OBJECTIVE 5:	OBJECTIVE 6:
Improve availability of wood fibre supply	Enable private investment in production capacity	Reduce barriers for end users of wood energy	Promote export market access and attract foreign investment	Improve market transparency and coordination	Promote the use of sustainably sourced wood energy
EXAMPLES OF ACTIONS					
Demonstrate and de-risk aggregation facilities Demonstrate and de-risk short-rotation forestry	Investment cases for wood energy supply manufacturing facilities	Provide information and guidance to support switching to wood energy	Business development support Attract foreign investment	Survey of wood energy supply and use	Complete life cycle analysis research Biofuel standards

Alignment with other Government priorities:

Building better markets for secure and affordable energy	Going for growth and doubling the value of exports	Biogas statement	Forestry Research Programme	Climate Strategy
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Wood energy from residues of forestry and wood manufacturing (e.g, sawdust, wood chip, and low-grade logs) can be used to generate electricity or generate heat for industrial processes as an alternative to coal, gas or electricity. Wood can also be used as an input to liquid biofuels (such as sustainable aviation fuel) and biogas.