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**MARLBOROUGH  
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Te Rito Hiranga o Wairau

# **MARLBOROUGH REGIONAL DURABLE EUCALYPT FORESTRY AND BIOMASS CASE STUDY**

**One-day workshop**

**Friday 16<sup>th</sup> February 2024**

**(with optional additional field visits to NZDFI trials on Saturday 17<sup>th</sup> February)**

Marlborough-based NZ Dryland Forests Innovation is working on a regional case study to evaluate how new investment in planting naturally durable hardwood forests could contribute to sustainability and reduce greenhouse gas emissions in Marlborough's wine industry.

We are assessing the potential for fast-growing, dense exotic hardwoods to sustainably supply naturally durable posts, timber, and biomass for bioenergy for Marlborough's wine industry. Our research includes modelling the total volume of biomass that durable eucalypt forests grown locally could produce. We have done this through whole tree destructive sampling in combination with deploying LiDAR to develop an accurate volumetric assessment of total tree biomass.

We are surveying potential applications for durable eucalypt biomass to supply bioenergy that will maximise the economic and environmental value of new forests.

The case study will provide a market and science-based pathway for developing this new forestry system. Developing a regional plan for new forestry and wood supply chain could improve long-term sustainability and resilience for Marlborough's wine industry and generate new investment and employment.

We want to share the outcomes from this project with those interested in working towards making this happen.

## **One-day workshop, Marlborough Research Centre, February 16<sup>th</sup> 2024**

We invite anyone who is interested from Marlborough's primary production or other relevant sectors to join us at this workshop, where we will present the findings from the case study. Key research providers are the University of Canterbury School of Forestry, with input from the NZ Bioenergy Association.

We plan to have indoor presentations in the morning, followed by visits to near-by field demonstrations in the afternoon.

More details to follow, please save the date!

Contact Paul Millen ([p.millen@xtra.co.nz](mailto:p.millen@xtra.co.nz)) for further information.

The Marlborough Research Centre Trust is a NZDFI partner. For more details about the work of the NZDFI, visit <https://nzdfi.org.nz/>

**Project funding is from the Ministry of Primary Industry's Sustainable Land Use and Climate Change (SLMACC) fund.**



Photos 1-3: Biomass sampling, Marlborough Regional Forest's Pukaka Forest near Blenheim.



Photos 4-5: Naturally durable posts and poles – the types of products that can be sustainably produced from durable eucalypt forests.