

Learning Resource: References

FPICOR6202A

Implement practices to maximise value from wood residue

The technical resources listed below can help the learner complete their assessments on the potential uses of wood residue. Click the link to view:

1. [Alternative commercial uses of non-paper quality pulp logs and woodchips](#)

This paper covers possible uses for residual wood produced in Australia and explores options for this material e.g. Vineyards, electricity generation, log exports and alternative fuels (2004).

2. [Good practice guide- Production of wood fuel from forest landings](#)

The good practice guide explores wood fuel options, quality of the fuel and their markets. It also discusses the supply chain and the processing equipment required to reach the market place (2010).

3. [Hazelmere Timber Recycling Centre](#)

Is a brochure that explains the recycling process of industrial timber waste and the new products created, such as animal bedding and mulch (2004).

4. [Where does the regions wood go?](#)

About 70% of plantation softwood goes into housing frames; this fact sheet explains what products are produced by each part of the tree.

5. [Opportunities for using sawmill residues in Australia](#)

The hardwood saw mill industry in Australia generates large volumes of wood residues in the form of chip, bark and sawdust and understandably it is keen to use this to increase revenue streams. This report explores options of producing revenues from sawmill residues (2007).

6. [Commercial Development Native Forest, Plantation and Processing Residues in Nth NSW](#)

This report develops a business case for the value adding of small thinning and residues in Northern NSW (2008).

7. [Manufacturing Energy Wood Pellets](#)

Describes the processes used by a wood energy pellet manufacturing company utilising harvest residues from sustainably managed plantation as feedstock (2011).

8. [Thermal processing CCA material](#)

In this report a detailed discussion of the design of an experimental rig based on a tube furnace for testing the feasibility of combustion of treated timbers across a range of furnace temperatures that support combustion (2004).

9. [Recycling and EOL disposal wood](#)

Reviews issues surrounding the recycling and end of life disposal of timber based products to ensure that they reduce waste in landfill (2005).

10. [Wood recovery and recycling source book](#)

It provides a 'map' for transforming wood waste into a wood resource. It begins by presenting an overview of wood waste, and then explores opportunities to encompass re-use into other product types (such as mulch, animal bedding and energy generation). The practical challenges of converting waste wood resources into value-added products are also explored (2008).

11. [Utilisation options for wood waste - review of European practice](#)

In order to protect the profitability of the wood products industry new methods, technologies and approaches to wood waste management are required. Forcing this change is the increasing cost of landfill disposal and Government initiatives such as the Renewable Energy (Electricity) Act. At the same time there remains a lack of options for the beneficial utilisation of waste from engineered timber products (e.g. particleboard and medium density fibreboard). This paper explores the need for industry development in wood waste management and for information and technology transfer (2001).

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