

The benefits of using forest harvesting waste and timber industry waste to generate renewable energy in Tasmania and Australia



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+ Introduction

+ Wood for renewable energy



Overview

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Forestry Tasmania

Introduction



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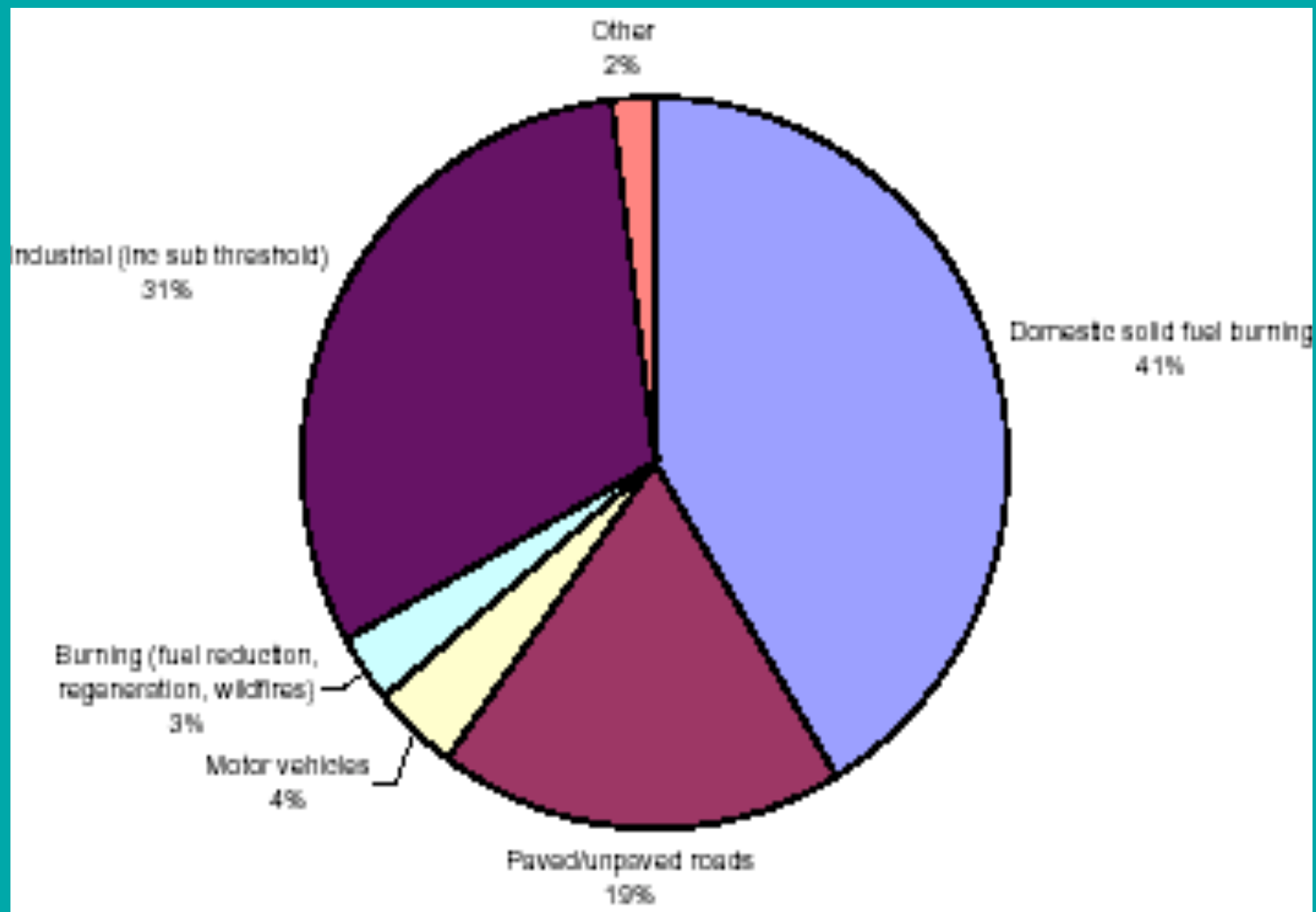
Wood for renewable energy



Wood for renewable energy



Wood for renewable energy



Wood for renewable energy



- + **Productive use of a wasted resource**
- + **Addresses community concerns re smoke**
- + **Base load renewable energy**
- + **Generates wealth and employment**
- + **Reduces wildfire risk**
- + **Augments regional electricity supply**



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- + **Integrated forest industry development**
- + **Southern Tasmania - within the forest**
- + **State of the art sawmill**
- + **Rotary peeled veneer mill**
- + **Log merchandiser**
- + **Proposed wood fired power station**



Wood for renewable energy



Forestry Tasmania

Wood for renewable energy

- Finland
- Sweden
- Denmark
- Austria
- Switzerland
- Canada
- USA
- United Kingdom



Wood for renewable energy



Forssa
Finland
48mW heat
17mW electricity



Forestry Tasmania



Rauhalanti
Finland
140mW heat
40mW steam
87mW electricity



Wood for renewable energy



**Anderson
California, USA
49mW electricity**



Forestry Tasmania

Wood for renewable energy



Lincoln
Michigan, USA
18mW electricity



Forestry Tasmania

- + **Do nothing**
- + **Export biofuel as woodchips**
- + **Export biofuel as pellets**
- + **Generate renewable electricity - small scale**
- + **Generate renewable electricity - large scale**



- + **Established site infrastructure**
- + **Obtained Planning Approval**
- + **Confirmed eligibility for RECs**
- + **Established other onsite businesses**
- + **Called for expressions of interest**
- + **Liaising with several proponents**



