R&D themes and investment priorities

Forest&Wood Products Australia
Knowledge for a sustainable Australia

	R&D Themes	Industry Benefits	Investment Priorities
Markets	> Evaluate Market trends nationally and internationally to enable industry to develop business and industry development strategies	> Improved new products matched to market needs	> Information, analysis and interpretation of domestic and export markets
Markets	> Maintain and expand markets for wood products and the new products and services required to meet these markets	> Improved new products matched to market needs > Increased industry profitability and efficient use of inputs throughout the industry's value chain	> Timber construction in residential buildings > Timber construction in commercial and industrial buildings > Wood products in sustainable buildings
Processing	> Develop knowledge and technology to improve existing production and utilisation processes	> Improved industry investment confidence through reduced risk	> Solid wood, engineered wood and pulp and paper products: Performance and yield
Processing / Resources	> Characterise the properties and variability of wood resources and maximise value recovery	> Increased industry profitability and efficient use of inputs throughout the industry's value chain	> Maximising product yields and values from current resources > Improving wood quality and yield, and tools for forest management
Resources	> Enable genetic improvement and the management of biotic and abiotic risk factors	> Improved industry investment confidence through reduced risk > Increased industry profitability and efficient use of inputs throughout the industry's value chain	> Genetic improvement and delivery for increased wood yield and quality and for managing risks
Resources	> Develop systems and technologies to maintain or improve productivity and utilise water efficiently	> Increased industry profitability and efficient use of inputs throughout the industry's value chain > Enhanced sustainability as measured in economic, social and environmental terms	> Water use efficiency, access to resources and balanced policy outcomes
Resources	> Evaluate strategies for forest management under climate change and maximise greenhouse advantages of forest products	> Improved industry investment confidence through reduced risk > Enhanced sustainability as measured in economic, social and environmental terms	> Forest biosecurity and preparedness > Mitigation of and adaptation to climate change and the management of the carbon cycle in plantations and native forests
	> Specific projects which are not linked to priority themes but considered to be of significant benefit	> Quantifiable benefits of individual projects representing significant stakeholder value and impact	> Biodiversity conservation in native forests and in vegetation in adjacent plantations. > Use of chemicals in commercial forestry. > Community engagement, perceptions and societal acceptance of the industry