



In the spirit of reconciliation, Forest & Wood Products Australia acknowledges the Traditional Custodians of Country throughout Australia, and we acknowledge their connection to the land and their custodianship of Country and forests. We pay our respect to Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples.

FWPA program update

ANZIF Conference 2023

Jodie Mason

Head of Forest Research

www.fwpa.com.au

Who is FWPA?

- Not-for-profit industry services company
- Funded through
 - Member levies
 - Australian Government
 - Research grants



Strategic Plan 2023 - 2028



Outcome 1

Improve perceptions of forest and wood products through the development and promotion of their economic, environmental and social advantages.

Outcome 2

Increase the demand for, and value of, wood products in the built environment and industrial markets.

Outcome 3

Improve the resource base, reduce risk and increase productivity and utilisation along the value chain.

Outcome 4

Attract and retain people to the industry and enhance workforce capability and decision making.

Foundational platform: Provide leadership as the industry services company.

Forestry Research Program



Asset growth

genetics, nutrition,
silviculture



Asset protection

fire, pests and disease,
climate change

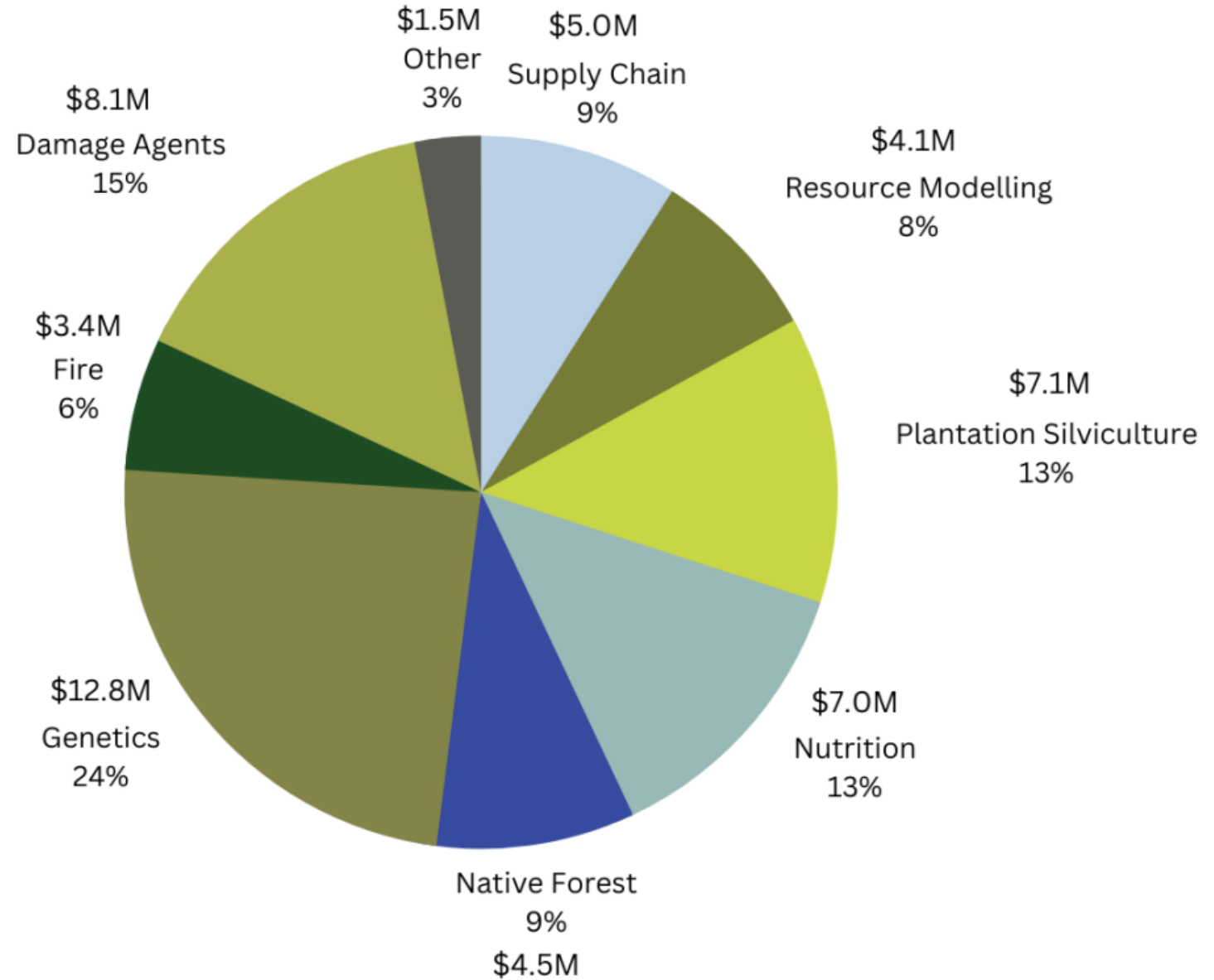


Efficiency gains

supply chain, resource
modelling

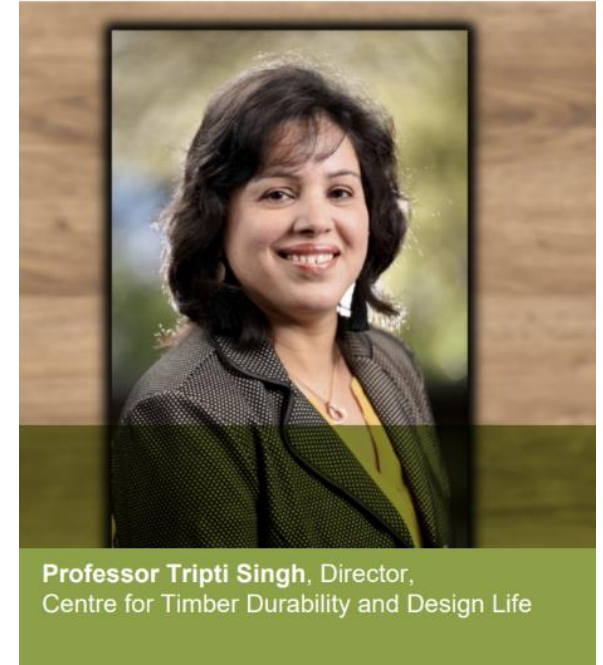


5-year research targets

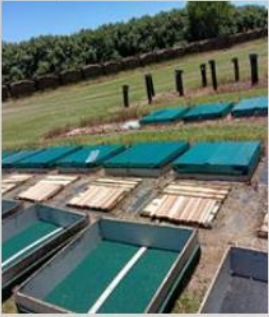


National Centre for Timber Durability and Design Life

- Develop data on existing & emerging wood-based materials
- Enhance CSIRO service life prediction models
- Improve fire performance of wood-based materials
- Develop reuse/recycling strategies for timber
- Educate the next generation of durability researcher



ESTABLISH FIELD TRIALS TO ENHANCE SERVICE LIFE PREDICTION MODELS



Dr Maryam Shirmohammadi/Lesley Francis/Stuart Meldrum, DAF
Prof Tripti Singh, UniSC



FIELD TRIALS

- 44 different materials
- Ground proximity and sandwich tests
- Bending test specimens
- Two sites- near Brisbane and Far North Queensland (>3 m rain/yr)



CIRCULAR ECONOMY- REPURPOSING TREATED WOOD AND EWP'S



CI: Professor Mark Brown
Manager: Dr Pene Mitchell

Objective: Identify pathways for reuse/recycling

ASSESS TREATABILITY OF AUSTRALIAN SOFTWOOD RESOURCE

- Part of a larger project to assess the MGP grading program
- Collected ~2500 pieces of softwood from across country to assess treatability with CCA & LOSP in relation to wood properties
- Data to be used by producers but also feed into breeding programs



University of
South Australia

FIRE PERFORMANCE

- Bushfire risks are increasing
- Develop data on more timber species
- Evaluate fire retardants
- Improve more realistic test methodology
- Address CCA smoldering



EFFECT OF MOISTURE INTRUSION ON CLT CONNECTIONS

Ms Claudia Roder, UniSC
Assoc Prof Christoph Gerber, UniSC
Prof Tripti Singh, UniSC

Objective: Assess effect of wetting on connections in hardwood CLT

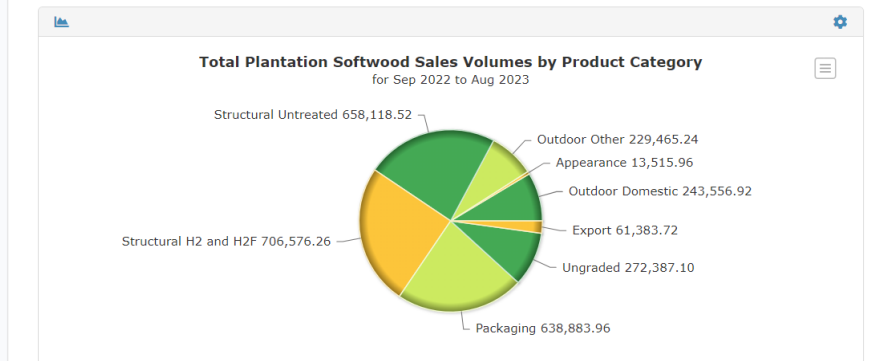
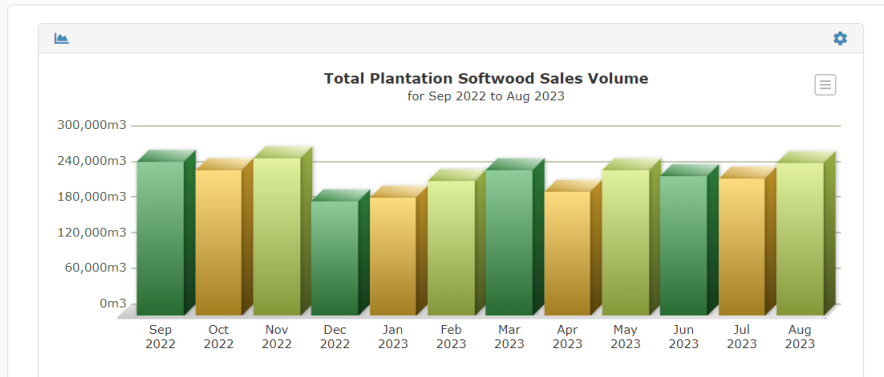


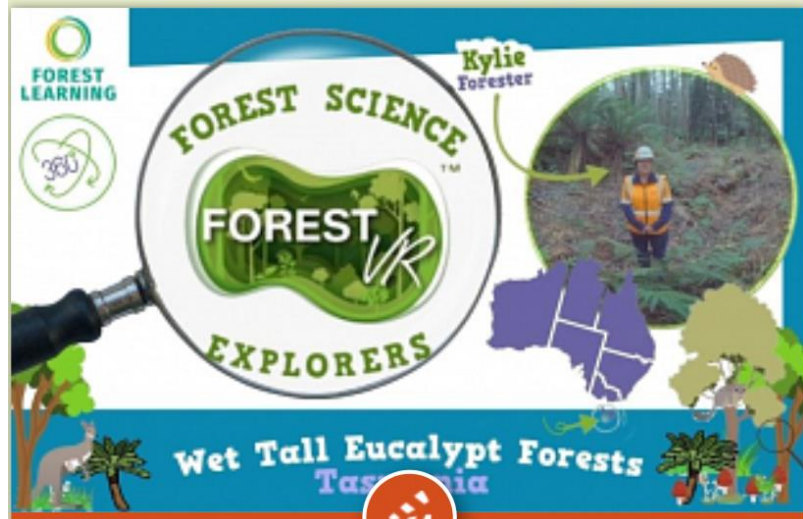
Statistics and Economics

- Promoting the competitiveness of the forestry industry by presenting analysis and data about the supply chain.
- FWPA's public data portal provides access to domestic and international data and is publicly available to assist with planning and forecasting.
- Opportunity for members to complete a voluntary **Gender and Diversity Survey**.

Dashboards

Softwood Sales Volume





MULTIMEDIA

FOREST SCIENCE EXPLORERS - WET TALL EUCALYPT FORESTS: TASMANIA



In FY 22/23 ForestLearning connected with:



ForestLearning website:

- 2,100 registered users
- more than 100,000 website visits
- more than 2,700 individual resources downloaded



Teachers' packs

- 490 teachers reached
- more than 18,000 students reached



YouTube videos:

- 5,503 videos viewed = 225 hours of content



Social media

- 2,611 Facebook followers, with a reach of 37,000
- 745 LinkedIn Followers, with a reach of 19,500



On the road

- attended 7 teacher and industry conferences
- travelled to 12 regions Australia-wide to support school events and activities



ForestVR

- ForestVR app downloaded to 1,200 devices
- ForestVR headset loan kits travelled to 12 regions Australia-wide to support school events and activities

- WoodSolutions provides independent information about timber and wood products to building design and construction professionals.
- Currently working with stakeholders on a new strategy to best encourage the use of timber.
- Working with UTAS to design, develop and deliver a timber engineering micro credential leveraging WoodSolutions content.



TimberTalks

A go-to podcast for all things related to timber design, specification and construction

- 25 new episodes
- 15,201 listens



The New WoodSolutions Project Portal

making it easier to develop, design and build in timber

- 96 projects on the database to date



Timber Design Guides including new additions

- Include front cover for design guide 53. Moisture Management of Mass Timber Construction
- Include front cover for design guide 54. Moisture Management of Timber Frame Construction



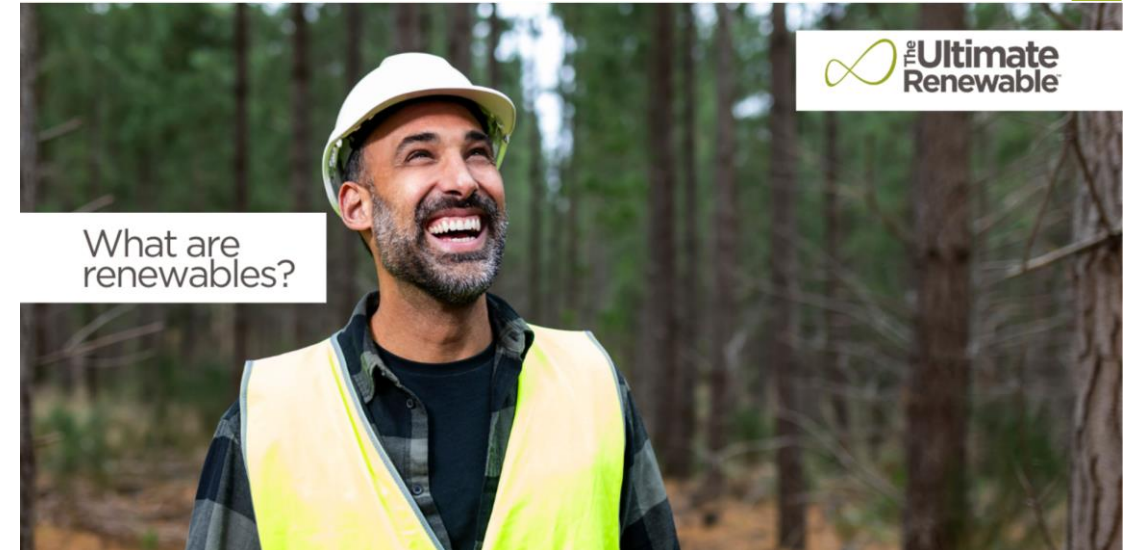
InFocus series of short, informative videos expanded with:



- Hardwood Cross Laminated Timber (CLT): An Australian first
- Where does house framing come from?
- Optimising wood
- Is timber durable?
- 194,000 views combined



- The Ultimate Renewable™ **2023 consumer advertising campaign** which aired across free to air tv, radio, podcasts, billboards, social media and more.
- Post campaign research results will be coming soon.
- New consumer research which led to a **brand and logo update as well as a new website launch.**
- **The Ultimate Renewable™ partner program** is free and easy to sign up for.
 - Digital Toolkit and many other ready to share resources





Thank you