

Sectoral collaboration supporting forest valuations

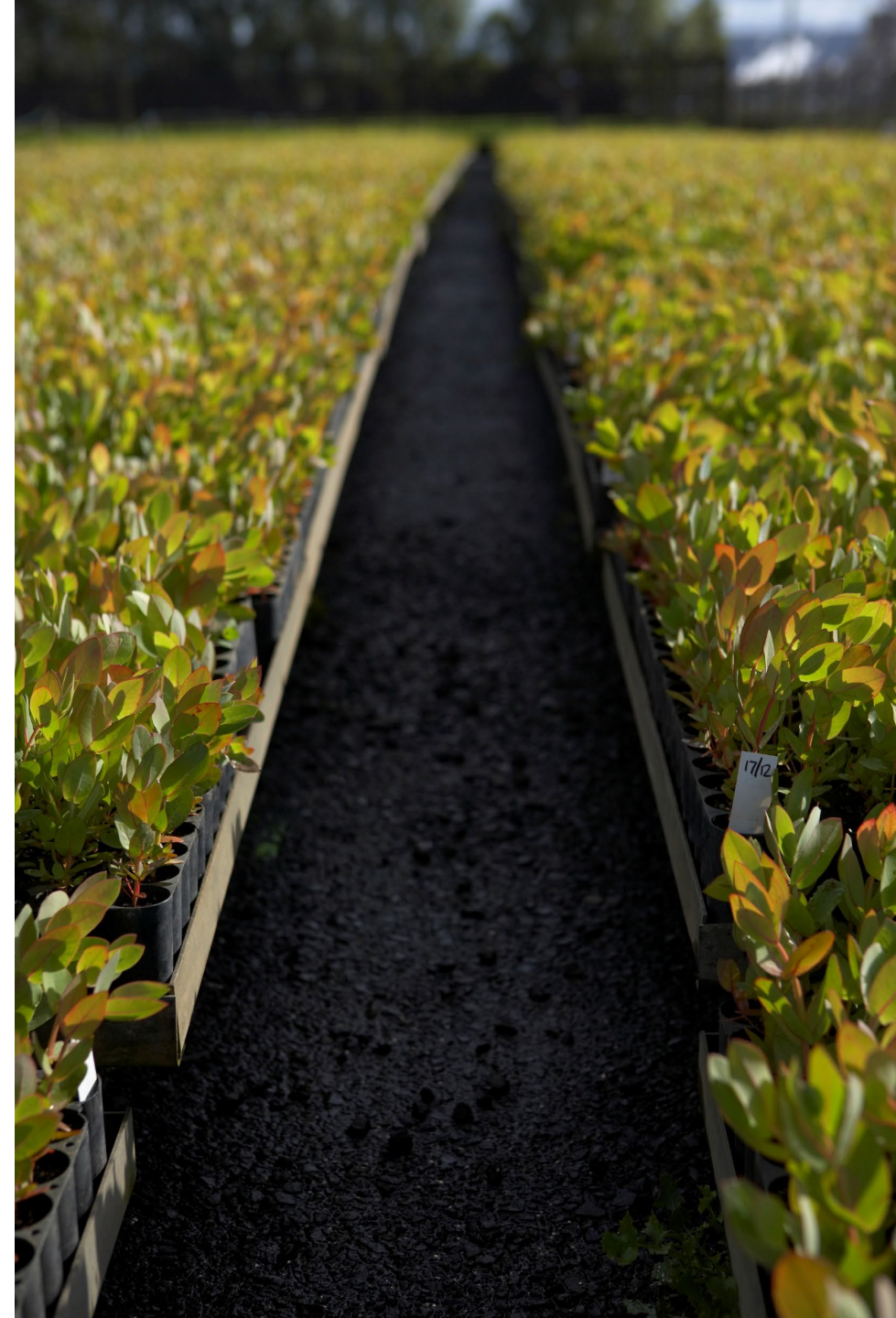
Presenter

Jodie Mason – Head of Forest Research FWPA



Outline

- Valuations and readiness for climate reporting
- Modelling growth & yield under future climates
- Climate reporting workshop
- FWPA Data Dashboard services
- Emissions Knowledge Gap Analysis
- Voluntary GHG guidelines



Forest Valuation Standard

Industry readiness for mandatory climate reporting



Evaluate the impact of climate-related financial disclosures on forest valuations and standards

Discussion paper examining climate-related financial disclosure as it relates to the forest sector.

Survey of leading professionals as to how climate-related financial disclosure requirements are to be implemented in forest valuation and standards.

Observations and recommendations.



Insights

- Recognise the need for alignment between AASB S1/S2 and valuation standards
- Major challenges of scope interpretation, aggregation across assets, and consistent quantification of climate risks.
- AASB S2 will drive standardisation and transparency
- Strong support for supplementary guidance on CRFD in the ANZ Forest Valuation Standard



Growth and yield under future climates

Integrating APSIM - Resource management systems for estate wood flows and valuations that account for climate change

What problems is this addressing?

Future climate is predicted to be different to past conditions on which empirical growth and yield models are based.

Managers & investors seeking more frequent, reliable updates on how changes are expected to impact wood production.

Changes to accounting standards to account for climate risks (mandatory climate reporting).

Fundamental drivers of growth related to climate variability & extreme events are not well understood.



Integrating APSIM into resource management change

Systems for estate wood flows & valuations that account for climate change

[Read more >](#)



Transforming future softwood productivity

Optimal site-specific silviculture

[Read more >](#)

McGrath
Forestry
Services



Silmetra
Smethurst
Forestry

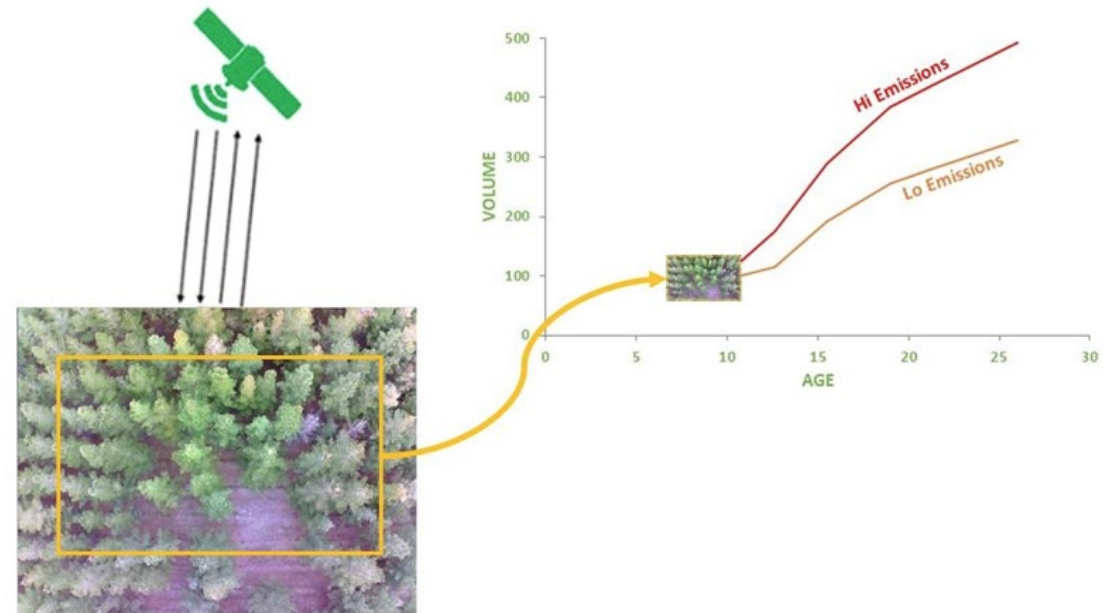


Growth and yield under future climates

Integrating APSIM - Resource management systems for estate wood flows and valuations that account for climate change

Develop functionality in APSIM that provides input to generate yield tables (e.g. YTGen) suitable for input to product yield optimisers (e.g. Woodstock).

- Parameterise APSIM with PSP data
- Develop and test compatibility with YTGen



Silvicultural
effects

Green field
growth curves

Timber
woodflows

Strategic, tactical, operational
Outputs – operation scale volumes
by product, thinning prescriptions



FWPA Statistics & Economics program

Initiatives, industry support, and market research

Upcoming events

Climate reporting workshop – 1 April

- Preparing members for mandatory climate reporting
- Providing practical guidance for climate disclosures, including application of the two mandated scenarios
- Exploring case studies and examples from comparable sectors

Economic outlook webinar - 21 April 2026

Hear from leaders across the supply chain

- How is the industry coping with demand and uncertainty?
- Timber industry outlook: challenges and opportunities?
- Is innovation aligned with industry needs?

Other initiatives and support programs



Collaborative research Programs with ABARES

Productivity research and
carbon market analysis



Forecasting exercises

Supporting members'
strategic business plan
and outlook



Continuous upgrades to FWPA Data Dashboard

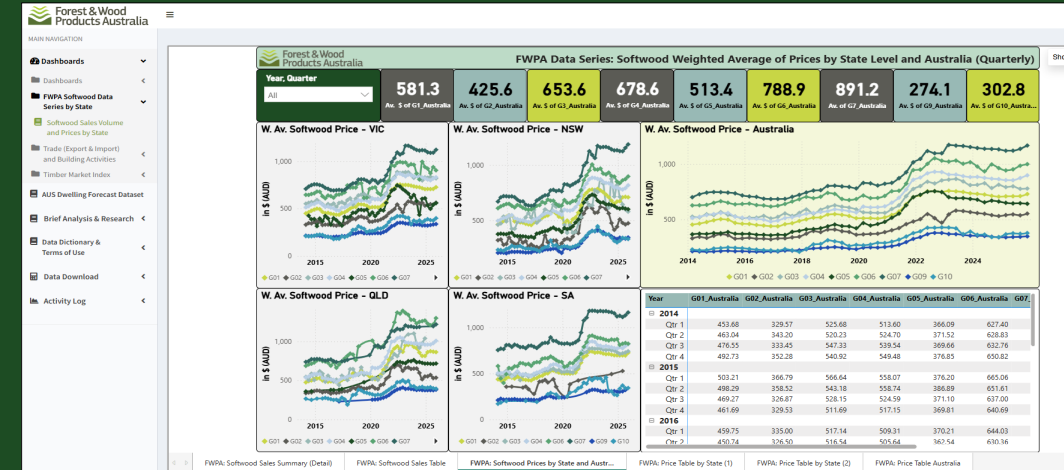
Trade, energy, global price



Socio-economic studies

Current study is in Tasmania

FWPA Stats & Economics program



FWPA Data Dashboard

Free access for FWPA members

Subscriptions available for associate members and the public



Data coverage includes:

- Softwood sales and price data
- Australian forest and wood products statistics
- Global forestry data and sustainability
- Trade (export-import) of wood products
- Australian dwelling forecast data set
- Timber Market Index (members only)
- Brief analysis: Current issue - Data-Driven Articles



FWPA Data Portal

Data collection from members to estimate weighted average industry figures.

The data series include

- Monthly Softwood Sales Volume
- Weighted average Softwood Prices (quarterly)
- Softwood Growers Volumes and Value
- Softwood Benchmarking Data
- Workplace Health and Safety Data - Growers and Processors
- Diversity and Inclusion Data



Emissions Knowledge Gap Analysis

Forest & wood products sector

Objectives

- Gaps in information - emissions reduction, intensity and carbon sequestration
- Formats and delivery channels for this information
- Opportunities for collaboration across sectors

Key findings

- Strong base of research and data
- Gaps
 - Central directory of emissions and carbon information
 - Guidance and tools for tracking and reporting
 - Clarity on carbon storage in wood products
 - Use of existing modelling tools and systems



Emissions Knowledge Gap Analysis

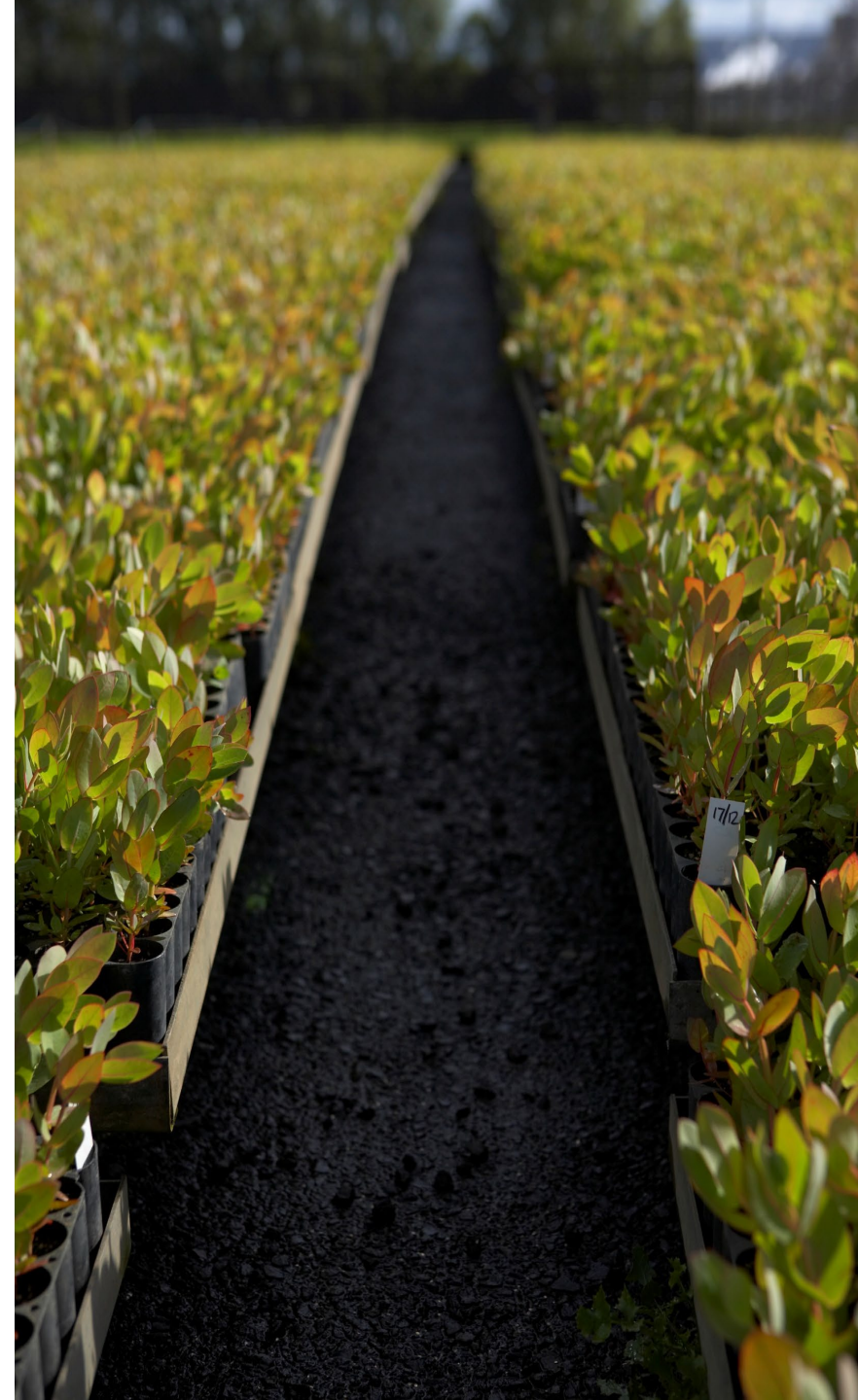
Forest & wood products sector

Recommendations

- Single source of regional climate scenarios (multi-sectoral)
- Guidance on emissions reductions for the sector
- Access to FullCAM functionality by smaller landholders
- AI integration for knowledge access

Keep doing

- Enhance FullCAM development
- Further development of VEERG and GAF tool - with FullCAM
- Industry Decarbonisation Plan – Phase 2
- Cross sectoral collaboration



Draft GHG Emissions Estimation

Reporting Guidelines for Agriculture, Fisheries and Forestry

Common Requirements Framework

Entity-level inventory development and reporting rules for emissions

Methodological Guidance – emissions estimation methods for:

Tranche 1: Beef, sheep, dairy and cropping industries (grains, legumes, sugar, cotton and rice)

NEW: **Tranche 2:** Horticulture, viticulture, fisheries, and aquaculture, and land use, land use change and forestry



Voluntary emissions
estimation reporting
standards

Draft GHG Emissions Estimation

Reporting Guidelines for Agriculture, Fisheries and Forestry

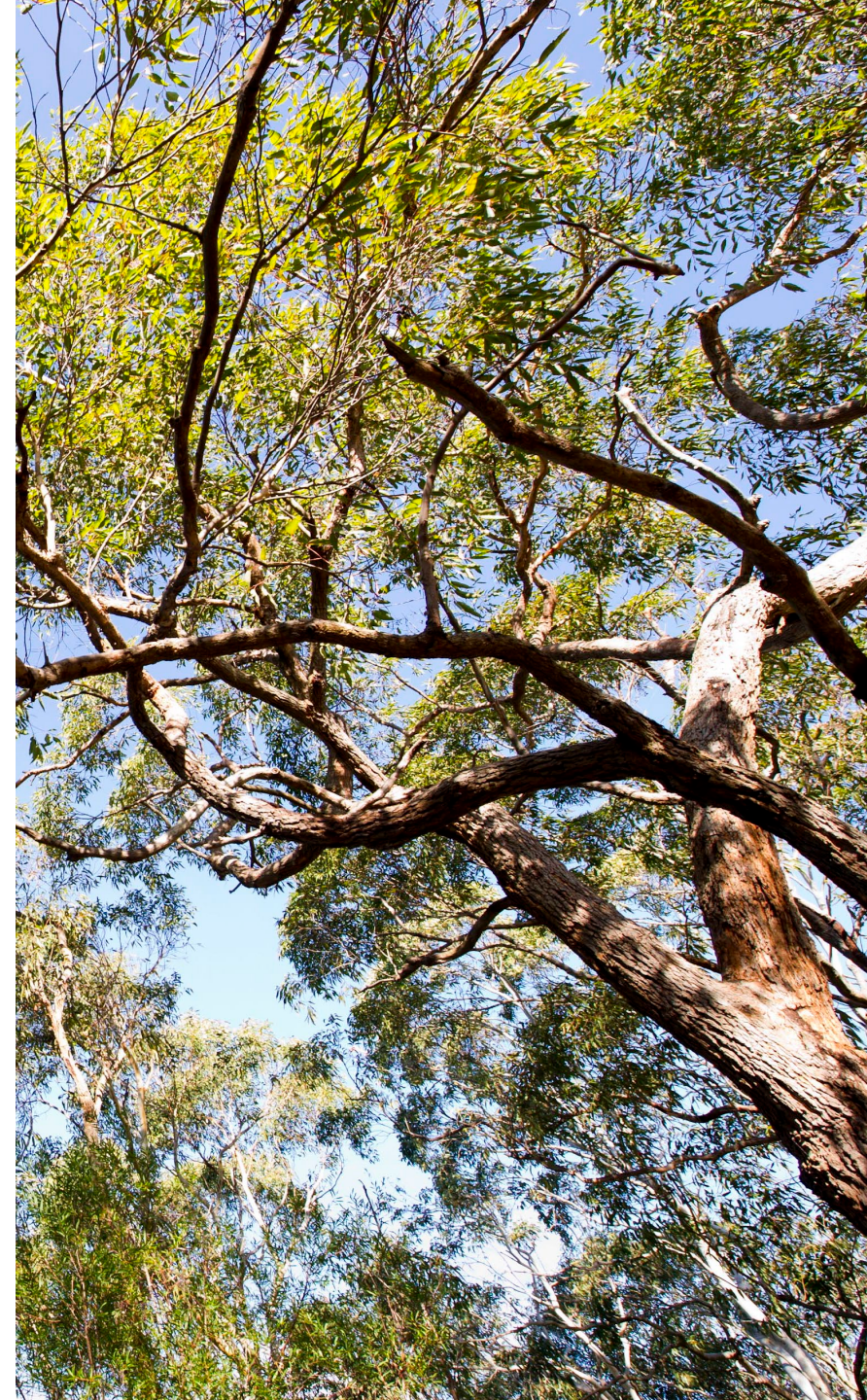
Guidance and tools for use in entity reporting

Fossil carbon (Scope 1, 2, and 3 emissions)

Biogenic carbon (carbon in managed forests and timber products)

Voluntary Greenhouse Gas Estimation and Reporting Standards Reference Group

Shaun Suitor (STT) recently joined as a forest sector member.



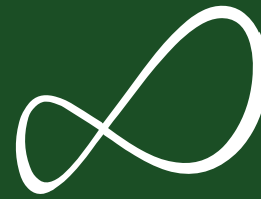
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Forest & Wood
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