

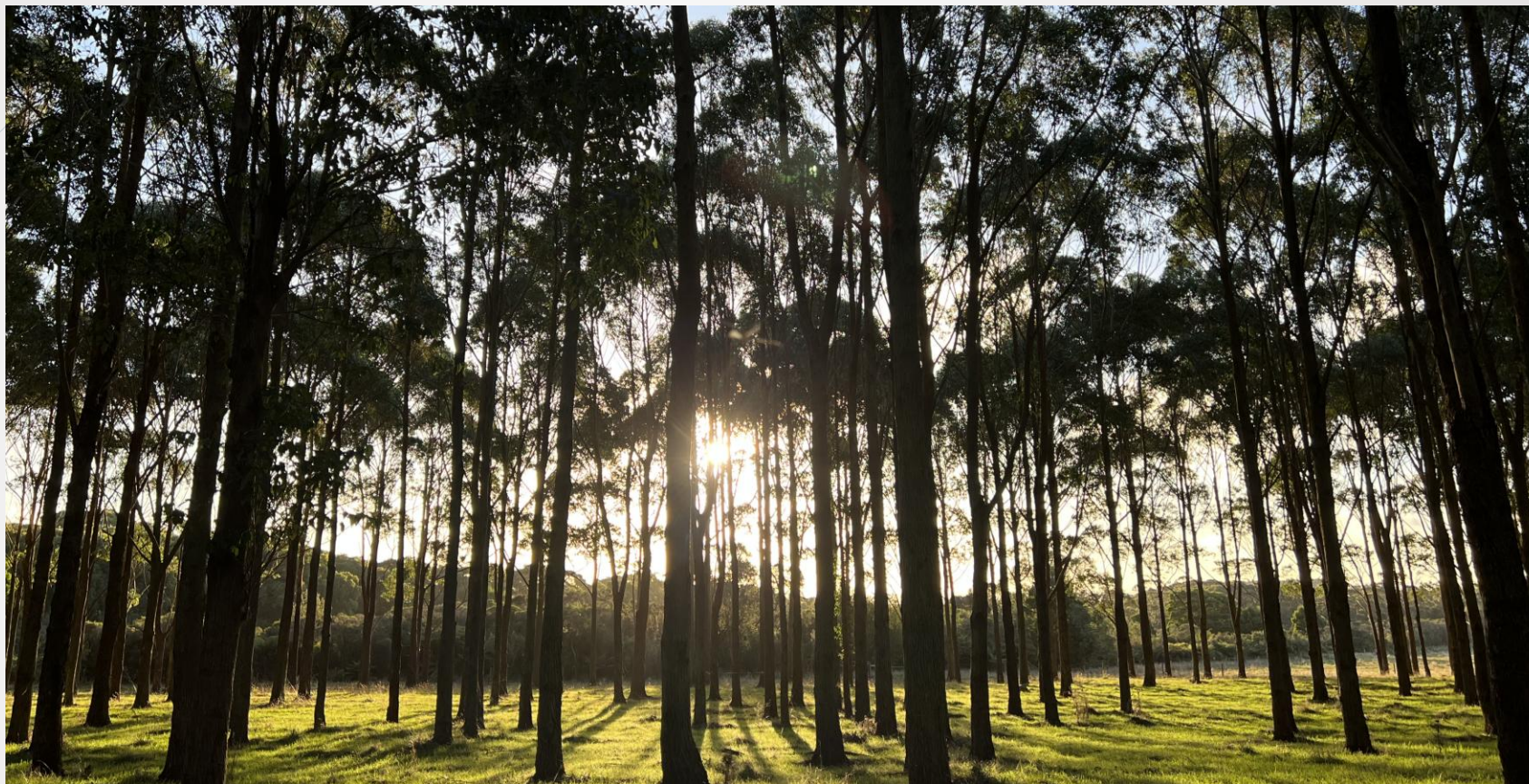


heartwood
UNLIMITED

Managing, Monitoring & Advancing Durable Eucalypt Plantations in Victoria

Emma Leslie

Forestry Australia Conference, Adelaide, October 2025

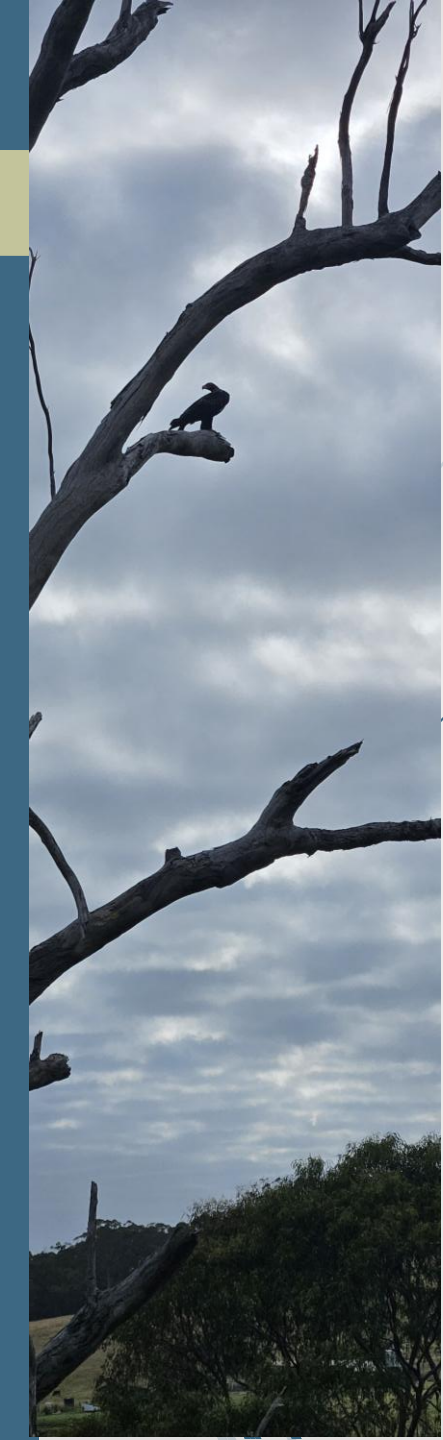


*Forestry, farming, carbon and conservation in
landscapes that flourish*

Heartwood Objectives



- **Grow high-value sawlog specifically for the Radial Timber Australia sawmill markets**
- Naturally durable species for outdoor products
 - Yellow stringybark (*Eucalyptus muelleriana*)
 - Spotted gum (*Corymbia maculata*)
 - Silvertop ash (*E. sieberi*)
 - Southern mahogany (*E. botryoides*)
 - Sugar gum (*Eucalyptus cladocalyx*)
 - Dabbled in other species (Red ironbark (*E. tricarpa*), Coastal grey box (*E. bosistoana*))



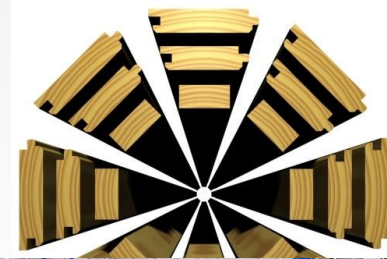
Heartwood Objectives

- **Mixed species plantings**
 - Risk minimization
 - Restorative forestry
 - Increase biodiversity
- Enhance forestry and landscapes by **adding livestock**



Heartwood Objectives

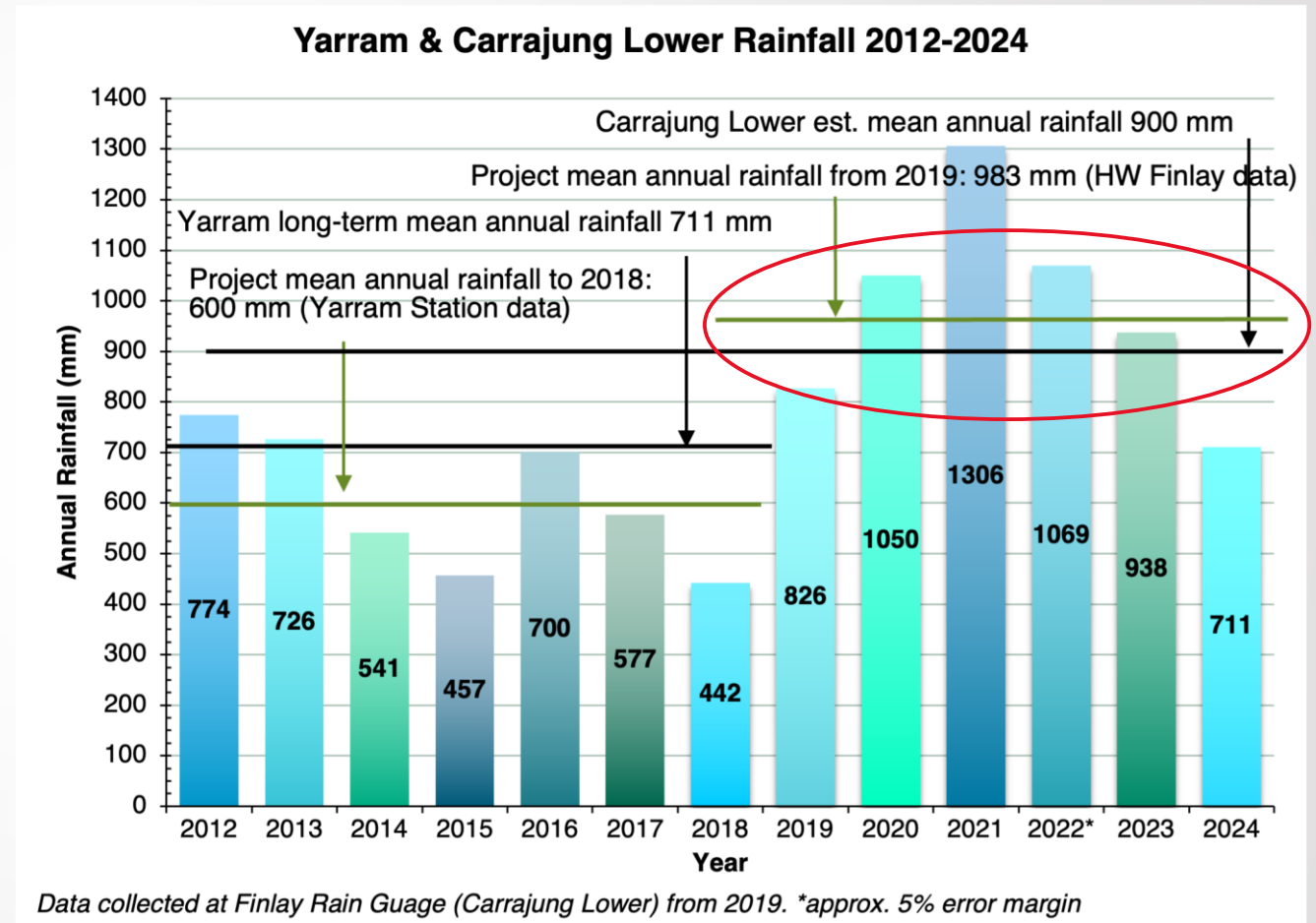
- **Financial viability**
- Create circular economy (in partnership with Radial Timber)
- Product lines including all thinnings and residues:
 - Premium sawlog
 - Peeling for veneer & LVL
 - Posts
 - Firewood
 - Bioenergy, Biochar & Wood Vinegar
- Carbon markets (CORCs & ACCUs)
- Biodiversity credits? Yet to be realised



Uptake of Technology - Drones



Uptake of Technology – Weather Stations



Developments in Silviculture & Operations

– deer fences



Developments in Silviculture & Operations

■ Pruning



■ Non-Commercial Thinning



Developments in Silviculture & Operations

Selective thinning & stump spray

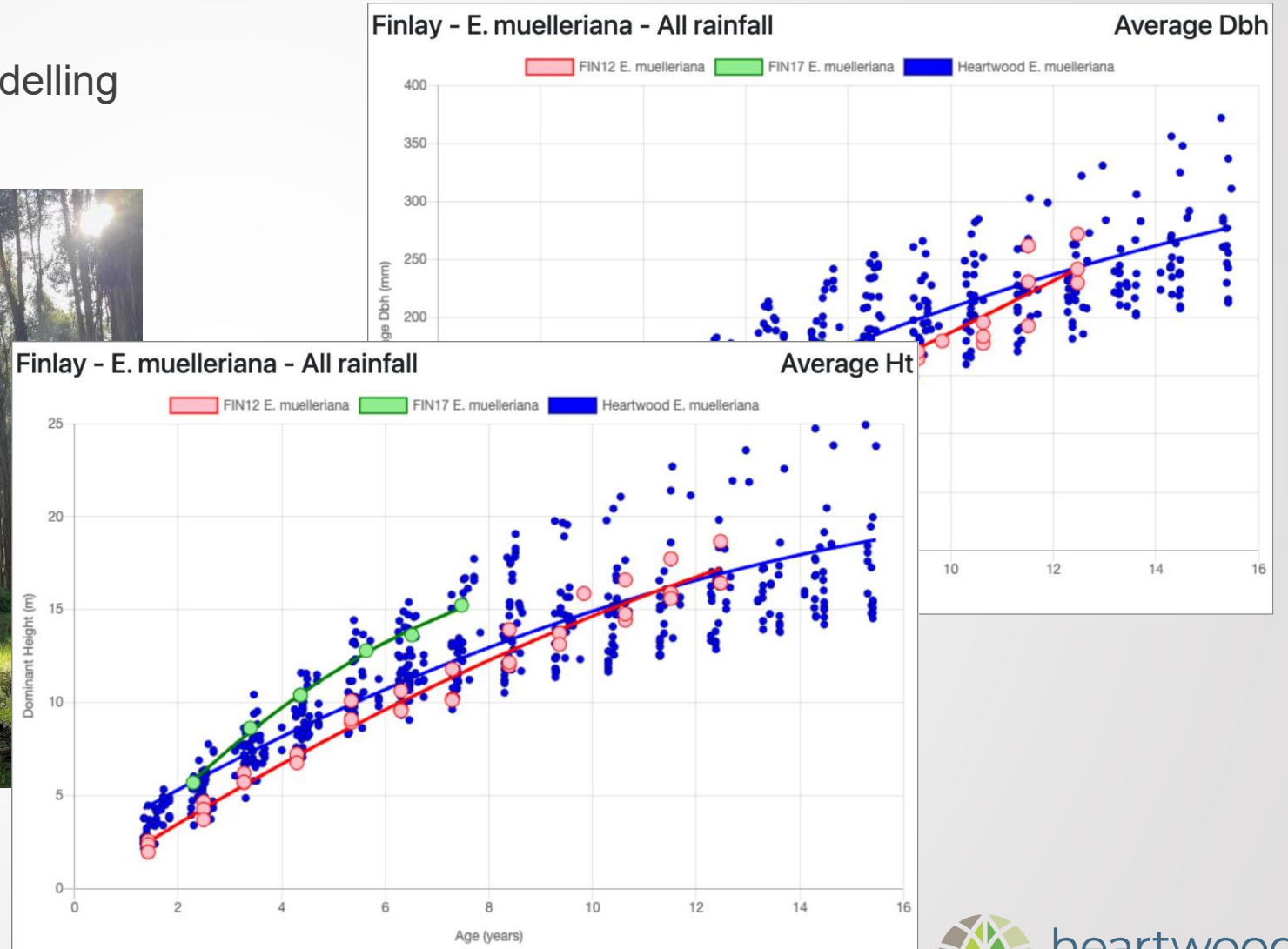


Remote control mulching



Developments in Monitoring – Growth & Nutrition

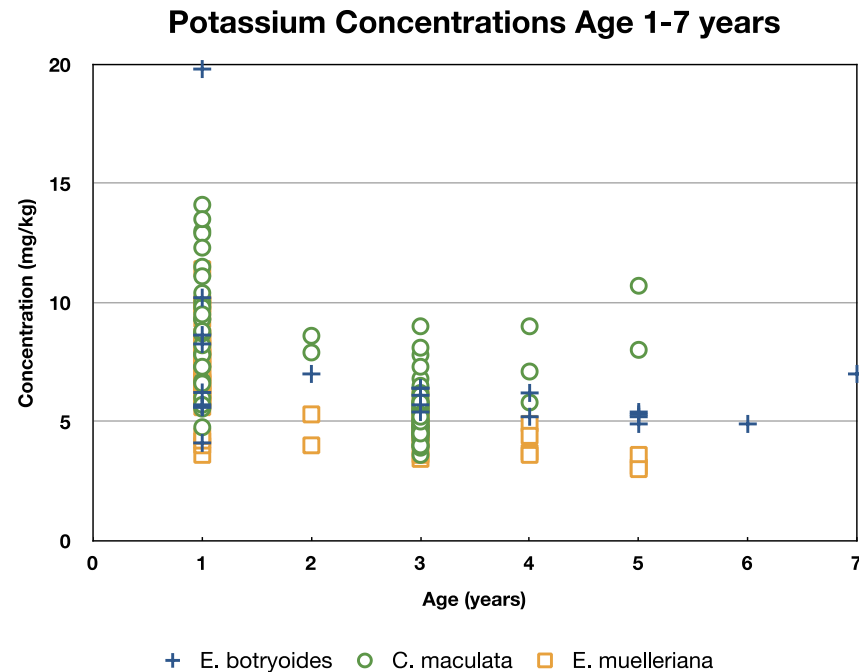
➤ Growth Database & Modelling



Forestry Australia, October 2025

Developments in Monitoring – Growth & Nutrition

Nutrition database & modelling



Biochar Trial



Developments in Monitoring – Genetic Improvement



A Good News Story - Still Lots to Learn!

Questions?

