

Australian Sustainable Hardwoods

# Australian Hardwoods

- A PEFC supply chain,  
the resource, supply chain, and nature of  
the timber

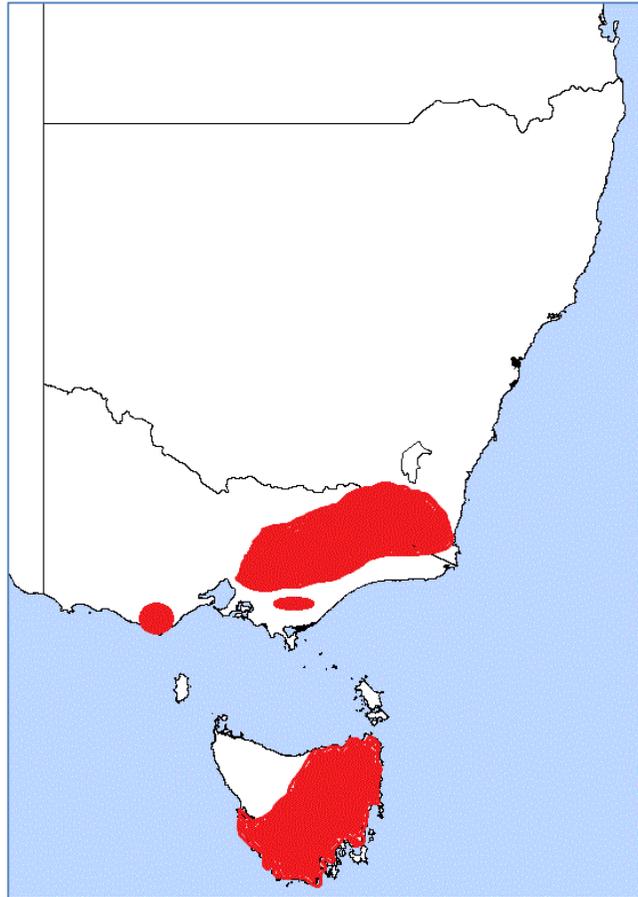


# Australian Hardwoods

- Over 4000 species!
  - Casuarinas, Grevilleas, Acacias, Banksias, Eucalypts, Beech
- Productive species
  - More than 120 species have been characterised for structural performance
- Victorian Ash,
  - the resource
  - the process
  - uses



## *E.delegatensis* and *E.regnans*



- Victorian Ash
  - 7.8M ha native forest
  - 5M ha parks and reserves
  - 2M ha not suitable for production forestry
  - 800,000ha managed for production
  - Approx 4500 ha harvested per year



# Ecology of Victorian Ash



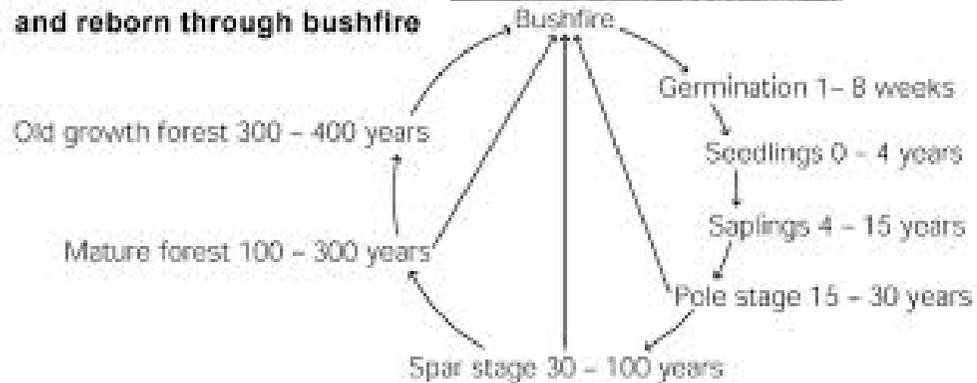
Even aged  
stands of  
forest

# Ecology of Victorian Ash

- Fire disturbance species



**Mountain Ash forest is killed and reborn through bushfire**



# Mimicing nature

## Production Forestry

- Collect seed
- Harvest stems
- Burn slash
- Sow seed
- Let it grow!



## Natural process

- Bush fire
- Seed drop
- Regeneration





# Supply Chain

- Owned by the Government
- Managed by Vic Forests
  - AFS and PEFC accredited for sustainable forest management
- Processed by ASH
  - AFS and PEFC accredited for chain of custody
- Distributed by Timspec
  - PEFC accredited for chain of custody









Quarter sawn for  
dimensional  
stability







Straight line edged after drying









## Other processes

- Moulding and profiling
- Finger jointing
- Laminating
- Sanding

# APPLICATIONS

- Windows
- Doors
- Laminated staircase components
- Furniture, joinery and veneer
- Flooring
- Internal lining
- Laminated bench tops
- Laminated posts
- Mouldings
- Architraves/Skirtings
- Handrails
- Balustrades



# WINDOWS AND DOORS



# WINDOWS AND DOORS



# STRAIGHT AND STABLE



# VICTORIAN ASH ACCEPTS ALL FINISHES



# STAIRCASES



- Select and Standard grades
- Quarter sawn for dimensional stability
- Strength and straightness
- Consistent colour
- Laminated to achieve wider widths and thicker end sections
- Consistent grain which accepts all stains

# BENCH TOPS



# VERSATILE VICTORIAN ASH



# NATIONAL GALLERY OF VICTORIA



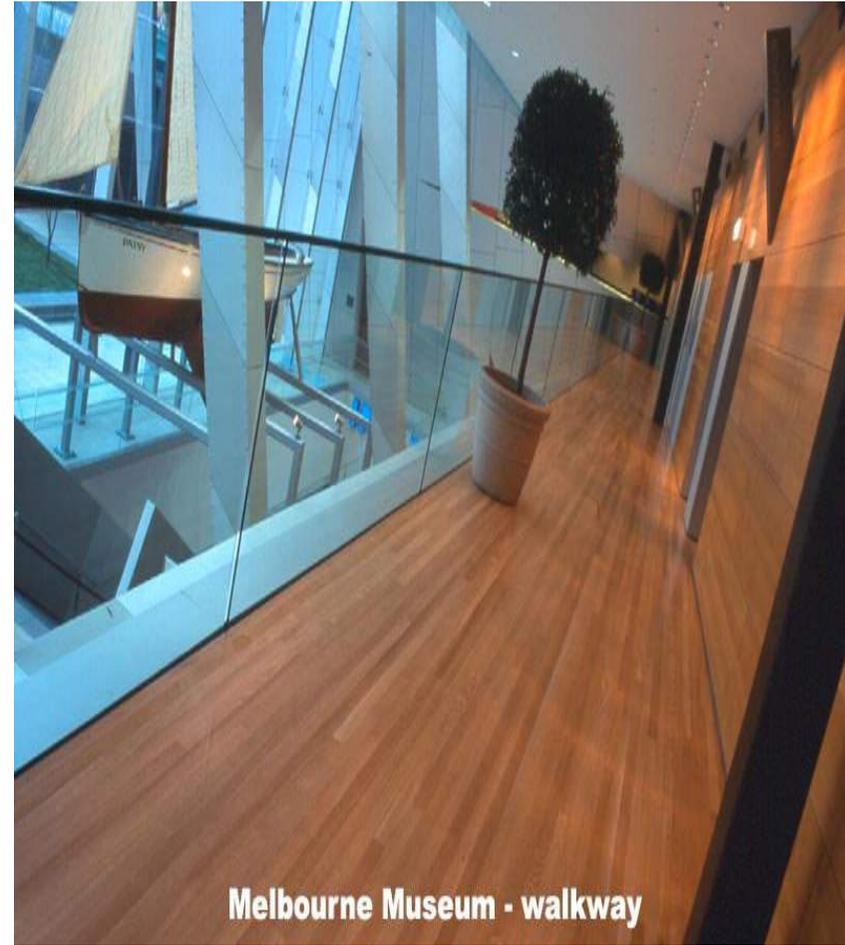
# ANZ MT ROSKILL



# AIR NEW ZEALAND FITOUT



# MELBOURNE MUSEUM



Melbourne Museum - walkway

# RETAIL FITOUTS



# JOINERY APPLICATIONS



# RESIDENTIAL APPLICATIONS



# FURNITURE AND JOINERY



# SUPALAM RANGE



# ARCHITECTURAL DESIGN



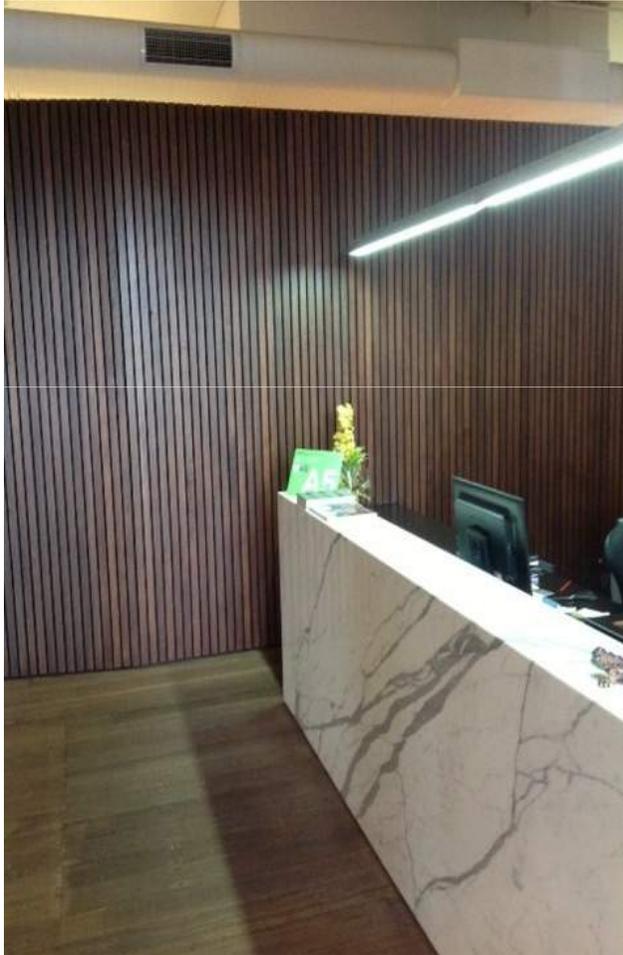
# ARCHITECTURAL DESIGN



# ARCHITECTURAL DESIGN



# FREEDOM OF DESIGN





## WHY SPECIFY GOODWOOD?

- Sustainably Harvested and Regenerated on an 80 year cycle
- PEFC Certified
- Straight and stable
- Versatile in applications and finishes



Environment  
ISO 14001



Health & Safety  
AS 4801



