Objective 5

Assemble the product suite and establish its characteristics and in-service performance
Project Objectives

1. Identify markets
2. Forestry: stem harvesting
3. Peeling in S. Pacific
4. Peeling trials
5. Assemble and test products

By-product utilisation

Advanced veneer and other product from coconut wood
Objective 5 - Products

Identify markets → Forestry: stem harvesting → Peeling in S. Pacific → Assemble and test products

By-product utilisation

Advanced veneer and other product from coconut wood
Objective 5 – Assemble the product suite and establish its characteristics and in-service performance

5.1 – Experimental product assembly

5.2 – Product characterisation and testing

5.3 – Product assessment in-service
Objective 5 – Products

5.1 – Experimental product assembly

- Suitable products assembled from the recovered veneer
- Products developed based on suitable use of veneer obtained from different density material
- Products assembled on experimental scale then broadened to commercial
5.2 – Product characterisation and testing

- Mechanical properties of assembled products determined in accordance with relevant standards
- Properties assessed include
  - Strength, glue-bond, dimensional stability
5.3 – Product assessment in-service

- Demonstration appearance and structural products placed in simulated service conditions
- Products will be benchmarked against existing products
- Work in associated with the Engineered Wood Products Australasia (EWPAA)
• Peeling trials to date have had not produced representative veneer
• Insufficient veneer recovered for product lay-up
• Peeling trials in Fiji late 2014 will recover representative veneer for product manufacture and testing in QLD
### Objective 5 – Products

**Key completion dates –**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Planned</th>
<th>Actual</th>
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</thead>
<tbody>
<tr>
<td>Experimental product assembly, characterisation and testing</td>
<td>December 2013</td>
<td>N/A</td>
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<tr>
<td></td>
<td>November 2014</td>
<td>March 2015</td>
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<td></td>
<td>October 2015</td>
<td>October 2015</td>
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<tr>
<td>Product in-service assessment</td>
<td>Ongoing</td>
<td>Report 2015</td>
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Advanced veneer and other product from coconut wood
### Key activities next 12 months –

<table>
<thead>
<tr>
<th>Activity</th>
<th>Anticipated completion</th>
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<tbody>
<tr>
<td>Assemble and test sample products</td>
<td>Mid 2015</td>
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