

# Wood Supply Chain Optimisation



# 2010

Forest to Market – Innovations to Improve Logistics & Operations

Melbourne, Australia  
19 - 20 May 2010



## Event Sponsors



[www.woodsupplychain.com](http://www.woodsupplychain.com)

**DAY ONE – WEDNESDAY 19 MAY 2010**

**8.30am Welcome & Introduction** *FIEA*

**8.45am Key Note Address: Trends Reshaping the Supply Chain & Logistics Landscape in Australia**  
*Michael Kilgariff, Chief Executive, Australian Logistics Council*

**SESSION 1: THE LATEST INTERNATIONAL TRENDS IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**9.30am Managing Supply Chain Emissions to Gain Competitive Advantage.** Results from the first integrated “forest to market” study of its type in Australasia  
*Andrew Karalus, Estate Value Manager, Nelson Management Ltd, New Zealand*

**10.00am Morning Tea & Networking**

**SESSION 2: TOOLS TO MAXIMISE EFFICIENCIES THROUGH THE ENTIRE WOOD SUPPLY CHAIN**

**10.30am Optimising the Manufacturing Process... from Log Procurement through to Timber Sales.** How to achieve optimum returns through, rather than within, sections of the wood supply chain  
*Brad Turner, Principal, HALCO Software Systems, Canada*

**11.15am Success in Wood Supply Optimization.** Case studies of forestry companies using collaboration and optimisation tools to maximise production of the right products, in the right place and at the right time  
*Greg Singleton, Global Director, Forestry and Environment, Remsoft, Canada*

**12.00pm Lunch & Networking**

**SESSION 3: FOREST TO SKID - INCREASING VALUE RECOVERY THROUGH IMPROVED HARVESTING SYSTEMS AND SCHEDULING**

**1.00pm Log Merchandising Operations.** Optimising log value recovery as a catalyst for improving efficiencies through the wood supply chain  
*Andy Dick, Managing Director, Logjitzix Ltd, New Zealand*

**1.30pm Harvest Optimisation:** A case study of HVP Plantations Harvest Optimisation Programme being used now by more than 70 harvest crews over 3 regions  
*Ian Wilson, Value Recovery Coordinator, HVP Plantations*

**2.00pm Case Study: Full Tree Optimisation.** Utilising harvester and forwarder technologies in three leading Mt Gambier and Gippsland operations  
*Rick Murphy, Operations Manager, HarvestCo*

**2.30pm Sales and Operational Planning.** A new IT-based system to optimise customer log order files with resource and harvesting potential  
*Stephen Bennison, National Supply Chain Manager, PF Olsen, New Zealand*

**3.00pm Afternoon Tea & Networking**

**SESSION 4: FOREST TO MILL - OPTIMISING TRANSPORT AND DELIVERY TECHNOLOGIES**

**3.30pm Integrated IT Solutions for Effective Cost Management of Your Incoming Wood Fibre Streams**  
*Jim Pigott, Vice-President, Marketing & Sales, Tieto Forest & Manufacturing – Americas & Australasia, USA*

**4.15pm Case Study: Implementing a Forest to Mill Electronic Log Docketing System.** Operational insights into the hardwood and softwood docketing systems employed across FNSW’s wood resource  
*Matthew Crapp, Business Systems Manager, Forests NSW*

**4.45pm Improving Efficiencies in the Australian Forestry Supply Chain** Updates on recent research on:  
• increasing value recovery using improved preharvest data • harvesting machine productivity • an optimisation model for transport operation planning, and • a new trailer design for improving payloads  
*Mark Brown, Program Leader, Harvesting and Operations & Manager Industry Engagement, CRC for Forestry*

**5.15pm Refreshments**

**6.30pm Conference Dinner**

**DAY TWO: THURSDAY 20 MAY 2010**

**8.30am Case Study. Fibre Logistics and Operational Planning involved in Visy’s Paper Manufacturing Expansion.** Just what’s involved in handling and processing another 700,000m3 of wood fibre per annum at the company’s Tumut operation  
*Kenneth Epp – General manager Fibre Resources - Visy Tumut*

**SESSION 4 CONTINUED: FOREST TO MILL - OPTIMISING TRANSPORT AND DELIVERY TECHNOLOGIES**

**9.00am Using an Integrated Forestry Transport System to Maximise Wood Transportation Capacity**  
*Matt Lehman, Sales Manager, Trimble Forestry Automation, USA*

**9.30am Driving Forest Supply Chain Efficiency.** A case study on the innovative systems employed by Hancock Forest Management to manage their large regional operations and drive productivity improvements  
*Chris Bailey, Distribution Manager, Hancock Forest Management, New Zealand*

**10.15am Morning Tea & Networking**

**SESSION 5: MILL TO MARKET - OPERATIONS PLANNING, MATERIALS HANDLING, PACKAGING, FREIGHT FORWARDING & DISTRIBUTION DEVELOPMENTS**

**10.45am Managing Timber Sales and Operations Systems to more Effectively Link Orders to Log Inputs - a Sawmill Case Study**  
*Paul McCreedy, Director, Timber Management Solutions, & Jon Dey, Director, FORME Consulting Group, New Zealand*

11.15am Technology Showcase - Managed Exhibitions

12.15pm Lunch & Networking

1.00pm **Enterprise Resource Planning for Primary and Secondary Wood Products Companies.** Australian, North American and European case studies detailing how an integrated approach optimises business returns  
*Ward Mintzler, Product Manager, Progressive Solutions Inc, Canada*

SESSION 6: MAXIMISING TRANSPORT & DISTRIBUTION EFFICIENCIES

1.45pm **Road Transport Issues for the Forestry Sector**  
*Stuart St Clair, CEO, Australian Trucking Association*

SESSION 7: TRACEABILITY IN THE SUPPLY CHAIN

2.15pm **Product Tracking through the Mill Using Vision and RFID Applications**  
*Zdenek Kulle, President, Z-Tec Automation Systems Inc, Canada (by phone)*

2.45pm Afternoon Tea & Networking

3.10pm **Developments in Electronic Product Coding and Radio Frequency Identification in the Forest Products Industry.** Opportunities for innovative data collection and transfer from forest to mill  
*Erik Sundermann, RFID Group Leader, GS1 New Zealand*

3.40pm **Improving Co-operation through Australia's Wood Supply Chain – the way forward**  
*Brian Farmer, Chief Executive, ForestrySA*

4.15pm Conference Concludes

**What is Wood Supply Chain Optimisation 2010?**

Volatile wood fibre costs, increasing energy costs and shifting product demand have created significant pressures on forestry and wood products companies to reduce costs and take advantage of demand opportunities. The structure of the supply chain has been a major issue for the sector maintaining its international competitiveness. In Australasia it tends to be horizontal rather than vertically stratified between each of the major players; forest owners, wood processors, manufacturers and distributors. Consequently, there is a high degree of separation between each of these operations.

The sector doesn't have an integrated production model. Rather than maximising the overall net return to each company, New Zealand and Australian operations largely look to access margins at each stage of the supply chain. The result has been a fragmented industry with few end-to end supply chain participants.

This technology programme will be targeting key decision makers from forestry and wood products companies in New Zealand and Australia. It will provide practical updates on innovations that are being used by leading forest products companies and technology providers to improve planning, logistics and operations within and through the wood supply chain.

Venue: Bayview Eden Melbourne, 6 Queens Rd, Melbourne, Australia [www.bayviewhotels.com/eden](http://www.bayviewhotels.com/eden)

Accommodation: A special room rate of \$169 has been negotiated at the Bayview Eden for conference delegates. These rates are only available if you state you are attending the Wood Supply Chain Optimisation 2010 conference. For room reservations, please book directly by phone (+61) 3 9250 2222 or on the hotel's website, <http://www.bayviewhotels.com/eden>

Presented by: Forest Industry Engineering Association (FIEA), a division of Innovatek Ltd. Please note that FIEA reserves the right to change the programme, if required, without prior knowledge to event delegates.

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# Wood Supply Chain Optimisation 2010

19- 20th May 2010, Bayview Eden Melbourne, 6 Queens Rd, Melbourne, Australia

## Conference Registration Form

SPECIAL Early Bird Discount: Register BEFORE Friday 16 April 2010

### Delegate Details:

Name	Position	E-mail
Company:		
Postal Address:		
Tel:		Fax:

### Programme Rates:

Activities	Rate Per Delegate	# of Delegates	Total
Early Bird Conference Rate (Before 16 April) - per Delegate	AU\$720		\$
Standard Conference Rate (After 16 April) - per Delegate	AU\$880		\$
Group Conference Rate (when booking three or more delegates from the same office or site) – per Delegate	AU\$660		\$
Conference Dinner Partner Rate	AU\$60		\$

SUBTOTAL	\$
+ GST (10 %)	\$
GRANDTOTAL	\$

- All prices exclude GST.
- Forest Industry Engineering Association (FIEA) member discounts of up to **25%** apply off the standard rate only. Membership status can be checked by calling our FIEA offices.
- To be eligible for the Early Bird Rate, registrations must be received by FIEA by **Friday 16th April 2010**.
- Your conference registration payment covers morning and afternoon teas, lunches the conference dinner, refreshments and a hardcopy of the detailed event proceedings.

Note: Because of the expected interest in the programme, 50% of the fee will be refunded for late cancellations if notice is received before **Friday 16 April 2010**. Cancellations after this date will not qualify for a refund. However, other persons within the same company can attend in place of the cancelled registered delegate.

### Payment:

<input type="checkbox"/> Cheque payable to Forest Industry Engineering Association enclosed, or
<input type="checkbox"/> Direct credit our Westpac Account: BSB 033115, Account # 137710, Innovatek Ltd, or
<input type="checkbox"/> Please debit my MasterCard/Visa/Amex (circle one)
Amount Enclosed: \$
Credit card number:
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