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Waste not, want not: peeler cores utilised

New forest recovery industry beckons

COVER STORY P10

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High-value products from waste seen as answer to wood shortage

Flooring system utilises peeler cores and 'tree-top' saw logs

THOUSANDS of cubic metres of Australian wood is wasted in the manufacturing process and on the forest floor that could be converted to new innovative low-cost engineered wood products.

Innovative Wollongong, NSW-based manufacturer Pat Thornton said full-scale trials completed on a floor frame test rig built from peeler cores and assembled on site at the University of Queensland's School of Civil Engineering, again highlighted how a by-product of the plywood industry could be converted into high-value structural engineered wood products.

Mr Thornton, founder and principal of Loggo IP Pty Ltd, said the successful tests confirmed a real green forest



Pictured at FRAME Australia... Peter Blair, executive director, Structural Management Australia, structural engineer working on the Loggo engineered wood systems, and Pat Thornton, founder and managing director of Loggo IP Pty Ltd.

recovery industry could develop from small diameter true rounds or peeler cores 'rescued' from the already-congested low-value pallet and wood residue sector.

"The industry is crying out for more wood fibre with the government committed to planting one billion trees, while potentially a valuable

forest resource is destined for scrap," Mr Thornton said.

"A real green forest recovery industry would produce small diameter true rounds or peeler cores, by-products of the plywood industry that are doomed for the already congested low-value pallet and woodchip sectors.

"Valuable wood can also be 'rescued' from the forest floor from otherwise discarded mature 'tree-top' sawlogs."

The full-scale Loggo test by UQ engineers last week was supervised by Loggo consulting engineer Peter Blair, executive director of Structural Project Management in Sydney.

The Loggo floor frame test rig at UQ comprised two custom-fabricated and welded steel beams with four hydraulic actuators. Eight linear measurement gauges were affixed to measure deflections in the Loggo's Lami-log bearer and joist system. The frame included nine timber joists at 600 centres and two laminated timber bearers.

"The floor was tested under a range of loads simulating those required in residential and multi-residential construction," Peter Blair said.

Cont P 3

“DELIVERING A REAL GREEN FOREST RECOVERY INDUSTRY”



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Lendlease builds in timber on all future developments

DEVELOPER Lendlease has committed to building in timber at all its development precincts across Australia, as cost savings, sustainability and design aesthetics bring it back in fashion.

Lendlease building chief executive Dale Connor said the cost of timber building was on par with a traditional concrete structure, but he believed the development in design technology and the time savings from timber would soon make it a cheaper option.

"We are looking for opportunities to showcase timber at all of our major precincts around Australia," Mr Connor said in an interview with the Australian Financial Review.

"We have been progressing our knowledge of the timber product," he said. "We feel what timbers brings to a



Dale Connor... opportunities to showcase timber.

commercial product – for both ownership and tenant – is the way of the future. We are working out the limits to what this material can do."

Mr Connor said he wanted Lendlease to be the market leader on timber buildings following its first commercial offering, International House (completed in 2017) as well as Docklands Library (completed 2014) and Australia's first timber high-rise residential

building, Forte (completed 2012) in Melbourne.

On a tour of Lendlease's 25 King Street Brisbane development – a \$140 million, nine-storey project at the RNA showgrounds – the most striking thing is how quiet the work site is. On a traditional concrete building, there can be up to 60 workers on the top floor. On the seventh floor of 25 King Street, there are just 12, including two workers sitting on chairs using cordless drills to screw in 400 mm bolts into wood panels.

Mr Connor said the quicker installation of prefabricated wood beams – which were imported from Europe and then cut to size in Lendlease's factory in western Sydney – had saved a few months in the construction of 25 King Street.

From P 2

The sophisticated measurement system allowed real-time recording and plotting of loads against deflections for the system as a whole. The test outcome demonstrated bearers at 1.5kPa live load plus dead load factored in accordance with the Australian standards.

"The joists did not fail," Mr Blair said. "The tests demonstrated the benefits of the lamination process, which involved combining steel dowels fully embedded with the timber beams."

Mr Blair said it was this embedment that accounted for the excellent structural performance of the peeler

core timbers, a by-product of the plywood industry.

"By combining multiple small members, individual defects in timbers have a reduced overall effect on the beams," he said.

Pat Thornton said every year Australia produced thousands of peeler cores from ply production.

"These are used in low-value recovery options such as packaging and as fuel for thermal energy processes. Loggo aims to produce high quality structural components from them."

The next step for Loggo is to take the knowledge gained in this round and carry out a second round of testing before Christmas, hopefully

including fatigue testing.

Peter Blair holds a Bachelor of Engineering (structural) from Oregon State University and has presented at Standards Australia workshops on timber engineering, load codes, and steel and concrete structures.

Visit www.loggo.com.au

On the cover: In the lab... Peter Blair, project director, Structured Project Management (Australia), consulting engineer working on the Loggo building system (left), with researchers at the University of Queensland's School of Civil Engineering Spencer Reid, senior laboratory manager, Dr Van Thuan Nguyen, research fellow, and Ruth Donohoe, technical assistant, during Loggo floor frame trials.



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DANA talks: mix of industry speakers

DANA's Australian forest and wood products conference and field trip in Launceston this week carried the industry theme 'Status in 2018: Trends going forward.'

This was the 7th event that DANA has held in Australia; it was fitting that it was held in Tasmania, a state that is rapidly regaining its former

importance in the forestry and wood products sectors.

The conference program was a mix of Australia-based and international speakers covering a wide range of topics including domestic softwood demand and supply dynamics; legal issues facing international investors; Chinese pulp

industry and log imports; future woodchip supply and demand and how serious the imbalance will get; log price forecasting and other topical issues.

The Assistant Minister for Agriculture and Water Senator Richard Colbeck delivered a keynote address. His presence at the conference was timely given his recent role in launching the much-awaited national forest industries plan.

Conference sponsors included Timber & Forestry enews, Lonza, Uruguay XXI and Forico. Following the conference, delegates visited the Hydrowood underwater log harvesting operation at Lake Pieman on Tasmania's west coast.

• Senator Colbeck's keynote address and other conference highlights, and further images will feature in next week's issue.



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1/ *Conferring in Launceston.. Julie Bell and Dennis Neilson of conference organiser DANA with Guy Barrett MP, Tasmania's Minister for Resources; Energy; Building and Construction and wife Kate.*

2/ *John Halkett, co-publisher Timber & Forestry enews (right) catches up with long-time enews reader Senator Richard Colbeck, federal minister responsible for forestry.*

3/ *Tassie industry leaders share refreshments after match function... Colin McCulloch, Arbre Forest Industry Hub, Glenn Britton, chairman, Britton Timbers, and Andrew Morgan, managing director, Hydrowood*

A 'smok'n and blow'n' US housing sector poses challenge for Aussies

Benefits in enhanced Canada-Australia trade relationship

JOHN HALKETT

WITH 98% of the timber exported from Canada going across the border into the US, clearly a lesson for producers is the high risk and vulnerability of putting all your eggs in the one basket.



1/ Diversifying Canada's export trade a sensible strategy... here is where Australia might get a more prominent seat at the table.

2/ Brian Hawrysh... diversification of markets is certainly in the minds of the Canadian timber industry.

Certainly, diversifying their export trade would seem to be a sensible strategy. Here is where Australia might get a more prominent seat at the table. An enhanced timber trade relationship between Australia and Canada could

be mutually beneficial.

From an Australia perspective, structural softwoods and engineered wood products to support home and mid-rise construction provide opportunities for collaborative trade enterprises between the Australian timber trade and Canadian suppliers.

BC Wood chief executive Brian Hawrysh is no stranger to the Australian timber scene. In the past he worked



for Canadian Pacific Forest Products visiting Australia on numerous occasions selling large cross-section Oregon timber for recutting and

further processing. Those days have now passed and the major centre of Canadian timber-based activity at Sydney's Homebush Bay is now the Olympic precinct.

Brian now heads BC Wood, a critical organisation in British Columbia's mega timber industry. He says that while outflanked today by mining and tourism the timber industry remains central to the economy and prosperity of the province.

"The forestry and timber industry is particularly important to a significant swathe of rural British Columbia almost entirely reliant on the timber trade," Brian said.

Cont P 6

“TIMBER STILL CENTRAL TO ECONOMY OF THE PROVINCE”

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From P 5

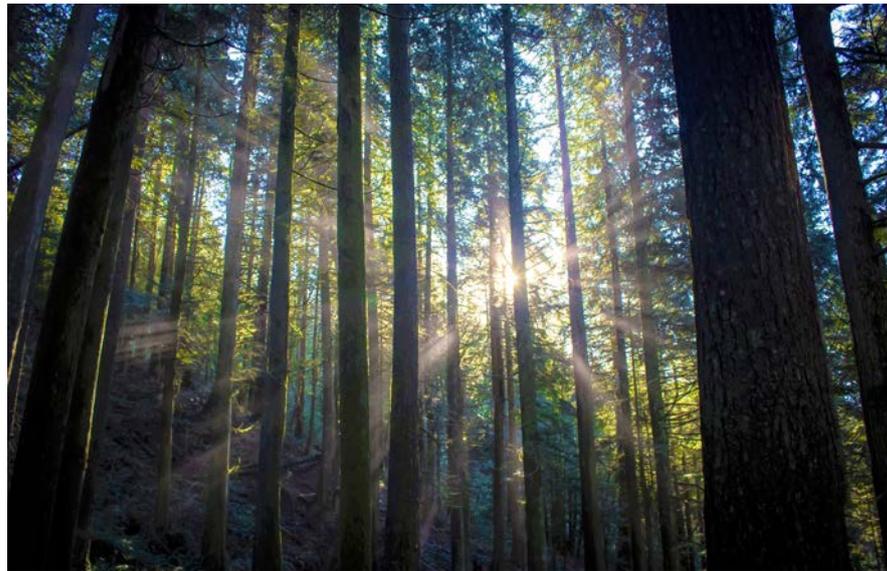
He asserts that a strength of the Canadian timber industry is the competitive advantage afforded by forest management, recognised as a global leader in sustainable management with internationally recognised certification credentials.

He doesn't regard the tariff impost by the US government on Canadian timber imports as a significant issue.

"The US housing market is on the rebound and is currently very strong. There was a 20% price increase before the tariff and that has anyway just been passed on to house builders," he said.

US residential construction has doubled over the past three to four years and presently sits at around 1.1 to 1.2 million starts a year. So prices are strong and may increase further.

"The substantial jump in



Competitive advantage... BC timber industry a global leader in sustainable forest management and international certification credentials.

US timber prices is very good news for Canadian suppliers, despite helping to perpetuate the traditional dependence on the US housing market," says Brian.

"This demand on Canadian producers makes supplying other markets challenging, especially where specifications vary from

those required to supply the US market.

"The major current constrains of further expansion of the US housing market are really labour and building site availability,"

Brian said while

“US HOUSING MARKET IS ON REBOUND”

diversification of markets was certainly in the minds of the Canadian industry, memories are short when the US market is "smok'n and blow'n".

Brian said as opposed to interior provinces coastal provinces, notably British Columbia, are more outward looking and take a longer term view to marketing issues including the value of diversification and flexibility

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Home building busy

AUSTRALIA'S home building industry beat expectations in commencing construction of 228,480 homes in the 2017-18 financial year.

"This represents a 3.3% increase on home starts in the previous financial year," HIA economist Diwa Hopkins said.

The ABS yesterday released building activity data for the June quarter of 2018, rounding out the full financial year results.

"It turns out that quite a significant amount of homes commenced construction in the March quarter of this



year – more than what the ABS had initially estimated, particularly in the east coast's multi-unit segment of the market," said Ms Hopkins.

"The commencement of well over 200,000 homes in 2017-18 will support overall activity in the residential construction sector into 2019, as the building of these homes progresses through to completion. "

OCTOBER

Four day native forest management workshop series.

23-24: SESSION 2 –Private Forestry Service Qld’s forest management workshop – Tony Salisbury’s property at Rathdowney in southeast Queensland.

9am-3pm. Contact Bronwyn Lloyd on (07) 5483 6535 or email pfsq@bigpond.com Sponsored by DAF through private native forest extension program.

9-11: 2018 DANA Australian Forest-Wood Processing Conference & Optional Field Trip – Hotel Grand Chancellor, Launceston.

One-and-half day conference, one-and-half day field trip. Contact Julie Bell admin@dana.co.nz or www.

danaevents.co.nz/2018tas/

13: Gala Queensland Timber Industry Awards evening

– Rydges South Bank, Brisbane. Hosted by TABMA Queensland, 6:30 - 11:30 pm. Dress formal. Contact Alicia Oelkers on (07) 07 3456 76065 or email Alicia@tabma.com.au

19: Victorian Association of Forest Industries annual dinner – RACV Club, Melbourne.

Tickets available from VAFI in July. Contact VAFI on (03) 9611 9000 or info@vafi.org.au

19th Australian Timber Design Awards in Sydney.

Full details TBA. Entries open February 12 and close July 6. Judging period July 16-20. People’s Choice voting July 23-August 17. Awards gala dinner mid-October. Visit www.timberawards.com.au

26: TABMA national industry dinner – Hyatt Regency Hotel, Sydney. Contact (02) 9277 3100 or visit www.tabma.com.au

26: Green Triangle Timber Industry Awards – The Barn, Mount Gambier.

Nominations close 17 August, Green Triangle Timber Industry Awards dinner 26 October. For further information contact Prue Younger, event manager +64 (21) 2765484. For more information visit www.gttia.com

– Melbourne, Australia. FIEA annual technology event for forest resource managers, remote sensing and GIS specialists and inventory foresters from throughout Australia and New Zealand. Visit www.foresttech.events

2: AFPA final members’ dinner for 2018 – Manuka Oval (Bradman Room), Griffith, Canberra.

6-10pm. Tel: 02 6285 3833. Note: Quote TAFP84 if you make a reservation at East Hotel for a discount.

27: Australian Timber Importers Federation Board (ATIF) meeting and AGM – Gunnerson Board Room, Melbourne.

For further information contact John Halkett by email: john.halkett@bigpond.com or mob 0417 421 187

NOVEMBER

2: AFPA members’ forum and chamber meetings – East Hotel, Canberra.

For further information see: www.ausfpa.com.au/

4-5: FIEA ForestTech 2018 – Rotorua, NZ.

20-21: FIEA ForestTech 2018



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OCTOBER

11-13: 24th Annual meeting of the American Loggers Council – Seaside, Oregon, USA. Held on behalf of the American Loggers Council and the Associated Oregon Loggers, Inc. For further information see: <http://www.amloggers.com/>

18-20: Timber Legality Research Symposium – University of Copenhagen, Copenhagen, Denmark. To be held in association with the Forests & Livelihoods: Assessment, Research, and Engagement network. See: www.globaltimbertrackingnetwork.org/event/timber-legality-research-symposium
Email: cph@ifro.ku.dk

23-27: 4th International Congress on Planted Forests – Nanning, Guangxi, China. Congress aims to investigate the contribution of planted forests to green development in the context of global changes. Topics will include the sustainability of planted forests in the context of changing climates and the future role of planted forests in bio-resources sustainability, environmental protection and green development. See: www.efiatlantic.efi.int/portal/events/

Email: christophe.orazio@efi.int

NOVEMBER

5-10: 54th Session of the International Tropical Timber Council and Sessions of the Associated Committees – Yokohama, Kanagawa, Japan. ITTO Secretariat. See: www.itto.int/workshop_detail
Email: itto@itto.int
Tel: +81-45-223-1110

8-9: 28th Global Forum on Forest Governance – Chatham House, London. Annual two-day event, previously known as the Illegal Logging Update & Stakeholder Consultation Meeting, will include sessions on conflict timber, the latest isotope technology to trace timber supply chains and updates on the Voluntary Partnership Agreements. For further information contact: Melissa MacEwen, Chatham House, Programme Coordinator, Energy, Environment and Resources, +44 (0)20 7314 3639 or mmacewen@chathamhouse.org

12-17: 2nd DANA 2-day Central America and Andes Forestry Sector Investment Conference – Cancun Mexico. With 2-day optional pre-conference field trip to teak and eucalyptus

plantations; a large modern MDF mill in Villahermosa region; and a 2- day optional post-conference tour to Mayan archaeological and recreational sites. For further information: www.danaevents.co.nz/2018mexico/

12-18: XI International Workshop on Uneven-aged Silviculture: Challenges for increasing adaptability – Valdivia, Chile. Uneven-aged silviculture is attracting increased interest due to its positive effects upon carbon sequestration, biodiversity, landscapes, and in its ability to provide a range of goods and services from managed forest ecosystems. Do uneven-aged forests have better options for adaptation to these future changes?
See: www.uas.uach.cl/2018
Email: pdonos@uach.cl

JANUARY 2019

24: Mapping the Course: Timberland, Forest Products Processing, and Fiber Issues for 2019 – Vancouver, Washington, USA. The conference and optional workshop will provide an in-depth analysis on forest products market challenges, opportunities, and threats for 2019 in the North American West Coast timberland region. For further information see:

<https://westernforestry.org/upcoming-conferences/mapping-the-course-timberland-forest-products-processing-and-fiber-issues-for-2019>

MARCH

19-21: International Mass Timber Conference – Portland, Oregon. The largest gathering of cross-laminated timber and other mass timber experts in the world, with a special focus on manufacturing and mid-to high-rise construction. Over 1,200 experts from 22 countries attended in 2018. The conference will explore the supply chain for cross-laminated timber (CLT), nail-laminated timber, glulam beams and panels, mass plywood panels, dowel-laminated timber, and laminated veneer lumber; and the opportunities and obstacles for mass timber in global manufacturing and construction. See: www.masstimberconference.com/

• Please send any events listings to John Halkett via email: johnh@timberandforestrynews.com



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Suppliers to federal government must meet Australian standards

SUPPLIERS must now meet Australian standards in order to supply timber and timber-based products to the federal government.

Referenced as part of the Public Governance, Performance and Accountability

Act 2013, government departments are obligated to meet specific Commonwealth Procurement Rules (CPRs) when selecting suppliers for timber and timber-based products.

Among CPRs, government departments must now specify products that meet an available Australian standard, which in the case of timber and timber-based products is AS 4707 – Chain of Custody for Forest Products and AS 4708 – Sustainable Forest Management.

Responsible Wood CEO Simon Dorries said the Act represented a major commitment by the federal government towards the Australian Standards for Forest Management and Chain of Custody, as well as local businesses that supported the Responsible



1



2

Wood Certification Scheme (RWCS);

“Now, suppliers that claim through the Responsible Wood Certification Scheme will 100% satisfy the Commonwealth Procurement Rules set by the federal government,” Mr Dorries said.

“Claims through Responsible Wood, or through PEFC – recognised through mutual recognition with Responsible Wood – will also meet the requirements of the federal government for timber and timber-based products.”

Mr Dorries said the Responsible Wood Certification Scheme was the only certification scheme that complied with AS

4707 – Chain of Custody for Forest Products and AS 4708 – Sustainable Forest Management.

“It’s a must,” he said.

Supporting stakeholders, Responsible Wood has developed a fact sheet, ‘The Australian Standards and Federal Procurement Rules’, accessible from the Responsible Wood website (<https://www.responsiblewood.org.au/wp-content/uploads/2018/10/Australian-Standards-and-Commonwealth-Procurement-Fact-Sheet.pdf>)

Responsible Wood also provides a technical document with legal advice for download by members.

- 1/ Compliance... opening door to federal government procurement of wood-based products.
- 2/ Simon Dorries... major commitment by federal government.

“COMPLYING TO GOVERNMENT PROCUREMENT RULES



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How green is that? Resolute wins global award for forestry practice ... then takes Apex prize as Environmental Steward of the year

CANADIAN-based Resolute Forest Products has been named Green Company of the Year in the 2018 Global Big Awards presented by the Business Intelligence Group.

Resolute with headquarters in Montreal, Quebec, manufactures a diverse range of products, including market pulp, tissue, wood products, newsprint and specialty papers, which are marketed in close to 70 countries. The company owns or operates 40 manufacturing facilities, as well as power generation assets, in Canada and the US.

Resolute has third-party certified 100% of its managed woodlands to internationally recognised sustainable forest management standards.

The original open source awards program, the Big Awards for Business was first launched in 2012. This diverse industry awards program offers companies, their products, their people and their tactics a chance to be globally recognised by



Hard hats galore... staff celebrate sustainable performance of Resolute Forest Products.

panels of business veterans and leaders.

Further recognising the forest industry's green status, Resolute promptly followed the Big Awards win by taking Environmental Steward of the Year in the 2018 Apex Awards, sponsored by US publisher The Daily Post-Athenian, which has served the community since 1848.

The award recognises achievements by industrial corporate citizens for successful environmental practices and conservation measures.

Resolute Forest Products

invested more than \$100 million in 2015 to create better efficiencies, following this up with \$300 million in additional investments to build a state-of-the-art tissue facility.

These investments have resulted in the company cutting its emissions by 63% and indirect emissions by 72%. The economic

benefits have come in energy savings, by reducing energy consumption by 10% – equivalent to \$4.5 million or electricity used by 42,000 homes over the course of an entire year.

The roots of Resolute Forest Products took hold in the midst of the Industrial Revolution. Starting in 1820 and over the following two centuries, the company grew from 20 sawmills along the banks of the St. Lawrence River to the 40+ pulp, paper, wood products and tissue facilities it operates today in the United States and Canada.

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Certified timber at the heart of Heyfield's new community hub

SPORTING clubs are often a critical factor in building and maintaining a sense of community in small regional towns and the facilities used to house them are often much more than just change rooms for sport, providing a meeting place and social hub as well as community facility used for larger functions.

Wellington Council in Victoria's East Gippsland recognised this pivotal role and set out to rejuvenate the town's sporting pavilion as part of a wider master plan to upgrade the Gordon Street Recreation Reserve.

The pavilion, which hadn't been upgraded for 30 years, is a central hub for the community of Heyfield and home to the local football, netball, basketball, cricket and even pigeon racing clubs.

Architect Paul Katz describes the pavilion upgrade as providing "a fresh lease on life with new and upgraded features. The new and existing façade is expressed with timber battens wrapped around the building creating a strong and inviting presence to the pavilion."

BUILDING HAD TO LEAD BY EXAMPLE

Wellington Council had expressed a keen desire in its brief for the building to lead by example, incorporating a design that was sustainable and beautiful. The solution was to use timber in a dynamic and highly visible way on the pavilion's façade and to incorporate timber



Heyfield pavilion... timber screening extends to the cantilevered covered areas, providing a stronger and united building expression.

into the flooring, joinery and cabinetry as well as bench seating.

To ensure the timber satisfied the brief's sustainability criteria, 100% of the timber used in this project was certified. The flooring, timber battens around the façade and kitchen bar and server joinery were all sourced from the ASH mill in Heyfield, which is a mill that is certified by Responsible Wood to Australian Standard 4707 relating to chain of custody.

A spokesperson from ASH explained the importance of this project to the company: "This project is very close to our hearts, as our head office and mill are located in the heart of Heyfield. This community is such a caring, supportive group of people, we wanted to give a little back to the town that has given us so much."

The Gordon Street Reserve Pavilion has been short-listed as a finalist in the 19th

Australian Timber Design Awards in Sydney on October 16. Responsible Wood is the

sponsor of the Australian Certified Timber category.

australian timber design AWARDS

The 19th Australian Timber Design Awards Presentation Dinner at **THE STAR SYDNEY**

Who are the 2018 winners?
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Details
You will experience the excitement of The Star Pymont. Enjoy a 3 course meal and drinks all whilst being entertained by our MC, Michael Zorbas, Group Executive, Policy & Advocacy Property Council of Australia

Date: Tuesday 16th October 2018
Venue: The Star, 80 Pymont St, Pymont
Start: 6.30pm pre-dinner drinks and canapes
Dinner: 7pm

PURCHASE TICKETS

VicForests ‘well on way’ to achieving FSC certification following new audit

STATE-owned VicForests this week released the Forest Stewardship Council (FSC) audit report and reaffirmed its commitment to pursuing certification of the FSC Controlled Wood standard.

In conjunction with the results, VicForests released FSC 2020, the organisation’s controlled wood roadmap, outlining the steps for VicForests to achieve its goal and address non-conformities raised in the audit.

VicForests will resubmit for certification of the FSC Controlled Wood standard by 2020.

The organisation has been separately certified since 2007 under the Responsible Wood certification (formerly

the Australian Forestry Standard) which is endorsed by the International Program for the Endorsement of Forest Certification (PEFC), the largest such system in the world covering around 240 million ha of forest across 30 countries and equating to around two-thirds of the world’s total certified forest area.

The FSC-controlled wood audit found VicForests conformed to 15 of 23 key indicators with three minor non-conformities, largely of an administrative nature; and four major non-conformities and one indicator deemed inapplicable.

The audit raised some areas requiring further attention to



Nathan Trushell... redoubling efforts to address issues.

achieve the FSC standard: accidental encroachments into sensitive areas; clear-felling and regeneration burns that impact old growth, threatened species and high conservation values; and enhanced consultation with stakeholders

In response to the report,

the VicForests roadmap commits to improve operations and engagement and ensure the best position to achieve the FSC Controlled Wood standard.

CEO Nathan Trushell said VicForests accepted there was more work needed and that it would redouble efforts to address outstanding issues raised in the audit.

Over eight years, VicForests has harvested more than 2500 coupes with a breach rate of 1% – a majority of which were self-reported. The audit raised encroachments on rainforest, of which there has been one substantiated breach.

“VicForests will strive for zero,” Mr Trushell said.

THINK WEINIG



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KOPPERS
Performance
Chemicals

Tough Tigercat 1185 ‘perfect fit’ for thinning operations at Tumut

Harvester blends high performance with excellent fuel efficiency

TIGERCAT’S 1185 harvester is the right machine for tough thinning operations. With eight-wheel drive and powerful lift capacity, the Harvester blends high performance, with excellent fuel efficiency through the use of an advanced hydraulic system.

Dedicated pumps power the drive, harvesting head, crane, fan and cooling circuit functions. The closed loop drive system provides excellent performance on steep slopes.

The harvester owned by Michael and Liz Austen of family business Tumut Valley Logging is a family-run operation.

“We had seen the Tigercat 1185 and liked what we saw and wanted to see how it would perform in a pine plantation first thinning situation,” explained Liz.

“We currently operate in first thinnings, so when we were invited to demonstrate the 1185, the timing was ideal.”

Michael adds: “The wheeled harvester we first looked at was too small, so it was interesting to see how this machine performed.

The Austens currently own and operate a Tigercat LH845C harvester... “Michael’s favourite machine in the fleet,” says Liz.

“We have always received excellent Tigercat after-sales support from the Tumut branch,” Michael said. “The team is always willing to help. Also, the factory support is second-to-none. They have



Tigercat’s unique WideRange drive system... the 1185 eight-wheel harvester has increased working travel speed and delivers extremely powerful tractive effort for high performance on steep terrains.

both always helped without fail.”

When asked about the performance of the 1185, Liz said: “Russell Scurr, our harvester operator, drove the Tigercat 1185 and believes it is the only wheeled harvester he has operated with the equivalent power of a tracked machine in first thinnings. The cab has the level of comfort expected of a wheeled harvester and the storage for tools, bars and chains is excellent.”

Russell Scurr said comfort and visibility were the biggest differences between the tracked and wheeled harvester.

“These two things make a huge difference in production and the quality of your work in thinnings,” he said. “A tracked harvester sacrifices visibility for power, so this

is where the 1185 doesn’t compromise.”

When asked about the best attributes of the 1185, Russell lists the size of the head, the cab comfort and space, storage capacity, the access to major components on the machine and just how quiet it is to operate.

COMFORT AND VISIBILITY THE BIGGEST DIFFERENCE

“I tested the 1185 in a block that contained all the challenges you would expect to face in first thinnings. This included large bent stems with heavy branching to small stems with fine branching, roadside trees and triple leaders.

“The 1185, with the 570

harvesting head, was a perfect fit for what we do and has exceeded in areas where we thought it might struggle, such as climbing wet hills.”

He said the 1185 and 570 was an excellent combination for thinning.

“The 570 excels in rough bent timber and performs better than our current harvesting heads. Overall, the 1185 makes thinnings easier and more comfortable from what I have experienced in the past.”

Equipped with Tigercat’s unique WideRange drive system the 1185 eight-wheel harvester has increased working travel speed while delivering extremely powerful tractive effort for high performance on steep terrain.

Visit www.tigercat.com/product/1185-harvester



GREEN TRIANGLE TIMBER INDUSTRY AWARDS

GTTIA AWARD DINNER



With M.C
Tommy Little

To celebrate the industry and the winners of the Green Triangle Timber Industry Awards 2018, it is our pleasure to invite you along to the Awards Dinner.

**Friday
October 26
2018
6.00pm until
late**

Full menu with formal awards ceremony.
\$65 per head
(tables of eight or ten) & single tickets available
Cash bar – eftpos available

TICKETS ON SALE NOW

The Barn
747 Glenelg River Road,
Mount Gambier



Gold Sponsors 2018



26 October, 2018 Tickets can be booked online www.gttia.com or email prue@publicimpressions.co.nz

Tree of Dreams project addresses mental illness issues in Australia

SUICIDES are a major social challenge across Australia, especially among teenagers and young adults.

Along with domestic violence, suicide prevention is on the social licence agenda of the timber and forestry industry. A stand-out example of suicide prevention is the work on the NSW Central Coast by the IRIS Foundation that has a tree dimension to its suicide prevention advocacy.

The annual campaign to raise awareness of suicide prevention – the Tree of Dreams – is aimed at heightening awareness of the impact of suicide, and increasing conversations about preventing suicides, particularly among young people.

Located at the Wyong Milk Factory about 90 km northeast of Sydney. The Tree of Dreams is a focal point of suicide prevention advocacy in the lead up to World Suicide Prevention Day.

“RAISING THE AWARENESS OF SUICIDE PREVENTION”

The IRIS Foundation is dedicated to fostering resilience, hope and connections as a means to reduce the risk of suicide. The foundation’s spokesperson Sue Liptrott said each year the tree was adorned with hundreds of messages of hope, strength, remembrance and support collected from people across the central coast region.



1/ *Tree of Dreams... adorned with hundreds of messages of hope, strength, remembrance.*
 2/ *Mental illness... a major social challenge across Australia, especially among teenagers and young adults.*

“The tree has become a memorable tribute to those we have lost – a positive display of hope and support to remind us all to encourage life and reach out to each other when times are tough,” Sue said.

“This year over a 1000 tags adorned the Tree of Dreams in the lead up to World Suicide Prevention Day.

“The visual display raised awareness of the impact of suicide among those not directly affected and, most importantly, generated conversation around mental well-being and suicide.

“We took message tags to high schools and youth support groups and asked them the question, if your friend was doing it a bit

tough, what would be the words you would want them to hear?”

Sue said the feedback was profound. “Writing messages of support and encouragement on the tags was a positive opportunity to speak about the effects of suicide and ways that we can support each other and lift the spirits of others. For some who had been touched by suicide, it gave a measure of closure.”

Sue added that the Tree of Dreams is about encouraging people to be more connected with each other.

“Social connectedness and a sense of belonging is



a fundamental human desire that has a positive impact on general health and mental wellbeing. In short, it is a protective factor against anxiety and depression.”



creative bird design
graphic designer

creativebirddesign.com

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Responsible Wood announces revision of forest management standard AS4708

ACCREDITED standards development organisation Responsible Wood has announced the commencement of the five-yearly review of Australian Standard AS 4708 Sustainable Forest Management.

AS 4708 specifies the environmental, economic, social and cultural requirements that must be met to demonstrate good practice and continued improvement towards sustainable forest

management.

Responsible Wood reviews this standard every five years to ensure it incorporates the latest knowledge, best practices and evolving stakeholder expectations. The review will be undertaken in conjunction with Standards New Zealand to develop a joint Australia-New Zealand standard suitable for delivering sustainable forest management in both countries.

Responsible Wood is inviting interested stake holding organisations in the following categories to nominate candidates for the AS/NZS 4708 standards reference committee and working groups: forest



growers; business and industry; indigenous people; non-government organisations; the scientific and technology community; workers and trade unions; and local authorities

To nominate or lodge an expression of interest, contact Simon Dorries at Responsible Wood. Tel +61 7 3359 1758 or email sdorries@responsiblewood.org.au, or by mail to Responsible Wood, PO Box 768, New Farm, Q 4005.

Further information on the project and scope is available on the standards proposal link: <https://www.responsiblewood.org.au/wp-content/uploads/2018/10/AS-NZS-4708-Project-Proposal-002.pdf>

Information on the standards setting process and standard settings procedures is available on the link <https://www.responsiblewood.org.au/wp-content/uploads/2017/11/SD-PROC-01-SDO-Procedures-Manual.pdf>

Responsible Wood welcomes feedback on the revision project, scope and standard setting processes. Feedback can be lodged using the contact details above.

NOMINATIONS INVITED FROM INTERESTED STAKEHOLDERS

NATIONAL TIMBER INDUSTRY DINNER



Friday 26 October 2018

Entertainment and music!

Don't miss the opportunity to mingle and network with industry suppliers, merchants, retailers and fabricators.

- Tickets just \$180 including all food and drinks
- Hyatt Regency Hotel Ballroom 2-4, 161 Sussex Street, Sydney
- Bookings: tabma.com.au/events/



Stinger a potent cocktail of power, potency and ‘Gran Turismo’ style

THE last time I confronted a stinger was in Melbourne some years back. This duo cocktail of crème de menthe and brandy was, to borrow a James Bond catchphrase, shaken not stirred, and delivered a hefty ‘sting’.

Just like the native bee that found me a few weeks ago while I stooped to closely admire a garden of fringed tulips during Toowoomba’s Carnival of

Flowers. It was no comfort to know that this amazing insect would soon die because its stinger barbs make it impossible for the honey bee to remove.

Instead, the venom sack pulls free of the body, inflicting a mortal wound. RIPB

The smart car that delivered us stirred but not shaken to the Garden City, 125 km west of Brisbane, was indeed.... a Stinger – a very comfortable unshakable Kia Stinger 200S, Australia’s Best Car for 2018 and the Large Car category winner under \$70,000.

The Stinger got the motoring media buzzing when the South Korean manufacturer announced plans for a rear-wheel drive, large four-door lift-back sedan, just as Aussie motor builders had called it a day.

Stinger gets away 0 to 100 km/hour in 4.9 seconds. This number alone tells you the potency of the 3.3-litre twin-turbo V6 engine at the heart of Stinger. Producing a maximum power of 272 kW



1



2

1/ *Kia Stinger 200S... sports dynamics unleash power.*

2/ *The interior... list of standard equipment is long, both in creature comforts and safety.*

MOTORING



With ORSON WHEELS

or arrange cargo. The rear seatbacks split and fold 60:40, giving 114 litres of cargo space and several options for accommodating longer items.

Transformation is just a touch away with five selectable drive modes to suite different environments – Smart to automatically adjust settings to suit different environments; Eco to maximise fuel economy and reduce air condition power consumption; Comfort Default mode to optimise day-to-day driving; Sport to change the vehicle’s dynamics and unleash Kia’s

power; and Custom to allow you to create your owned customised combination.

Echoing the shape and ergonomic function of controls used by pilots, the high tech shift lever ensures quick and seamless gear changes and maximises fuel efficiency.

Iconic signals of a modern Gran Turismo, four chrome-coated exhaust pipes, two on each side, hint at its outstanding performance, while modern and stylish rear LED combination lights enhance the Stinger’s presence on the road, night or day.

As for the 2018 Kia Stinger 200Si, this sits above the entry-level 200S with a starting price of \$52,990 plus on-road costs – about \$7000 more than the 200S at \$45,990 and \$7000 less than the range-topping V6 GT at \$59,990.

The list of standard equipment is long, both in creature comforts and safety. There’s the black leather-appointed interior with eight-way electric adjustment for the driver. An 8 in. touch infotainment screen with the sat-nav atop the dash.

There’s Apple CarPlay and Android Auto, as well as DAB+ radio and Bluetooth connectivity, with two 12V outlets and two USB charging points, including one for rear-seat passengers.

Sweet as honey – or as James Bond might have preferred, sweet as Honey Ryder, who emerged from the Jamaican sea in a withering white bikini in the first Bond Film Doctor No.

JOB SEEK



**INDEPENDENT
DIRECTOR**
AUSTRALIA

Responsible Wood is a not-for-profit company established in 2002 to promote the sustainable management of Australia's plantation and native forests. To accomplish this aim, responsible wood owns and manages the Responsible Wood Certification Scheme. The Scheme is underpinned by two endorsed Australian Standards®, AS4708 - Sustainable Forest Management and the associated Standard® for Chain of Custody of Certified Wood and Forest Products AS4707. As of August 2018, over 8 million ha of Australia's plantation and native forests are sustainably managed under AS4708 and over 350 sites across Australia operate a chain of custody management system certified to AS4707.

Responsible Wood, is one of only six standards development organisations accredited by Standards Australia to write and develop fully endorsed and recognised Australian standards®.

Responsible Wood is a member of the international program for the endorsement of forest certification (PEFC), and the Responsible Wood Certification Scheme has achieved international mutual recognition as an endorsed PEFC scheme. Responsible Wood promotes domestic and international markets for sustainably produced forest products through Responsible Wood and PEFC supply chain product labelling.

Membership of Responsible Wood is open to all individuals and organisations who support the objects of the organisation.

Responsible Wood is governed by a Board of up to nine Directors, six appointed by the Members, and up to three Independent Directors (i.e. not members of Responsible Wood or employees of Members) appointed by the Board. The Chair is appointed from among the Independent Directors. The Board meets around 3-5 times per year, with additional meetings of Board Committees (Audit & Risk, Governance and Marketing) as required.

Independent Directors are appointed according to their skills and experience to ensure the board collectively has the capacity to effectively advance Responsible Wood's objectives.

Independent Directors will be selected with a focus on one or more of the following skills and experience:

General

- A strong background in sustainability.
- An extensive network within the Australian and international, environmental or academic communities.
- Be well regarded and respected by Australian environmental and/or scientific organisations.
- Marketing and promotion of sustainable products or solutions (building or consumer products), including promotion and retail marketing

Environment and community

- Social marketing and community engagement
- Rural and regional community development and employment
- Indigenous community development and education

Management and public policy

- Corporate governance
- Standards development and management
- Public policy and administration
- Business and financial management, including legal issues and risk management

Responsible Wood supports and encourages diversity and gender balance. Indigenous and female candidates are encouraged to apply.

Independent Directors serve in an unpaid voluntary capacity. Costs associated with meeting attendance are fully covered by Responsible Wood.

Applications close on 19th October 2018 and can be submitted to the Chief Executive Officer at sdorries@responsiblewood.org.au

For further information please contact Simon Dorries on 0438 265 975.

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* Publishers' claim. The publication draws on a new data-base vault of more than 15,200 emails – a number that grows weekly.

AD FORMATS



DISPLAY AD RATES

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QUARTER PAGE: \$180

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Horizontal • 63mmH x 190mmW

THIRD PAGE: \$215

Horizontal • 73mmH x 190mmW

PAGE 1 Front cover strip: Contract booking

Horizontal • 30mmH x 190mmW

PAGE 1 Front cover module: Contract booking

Horizontal • 45mmH x 49.5mmW

PAGE 2 below story: Contract booking

Horizontal • 73mmH x 190mmW

PAGE 3 Column strip: Contract booking

Vertical • 254mmH x 44.5mmW

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