

DELIVERED  
WEEKLY TO  
**15,200**  
GLOBAL  
READERS\*

Timber Framing  
The Ultimate Renewable

BUY AUSSIE  
TIMBER  
FIRST

Like and follow us on 

ISSUE 616 | July 9, 2020

# timber & FORESTRY *e*news

timberandforestrynews.com



## Mt Gambier plant leads with new treatment process

COVER STORY P12

 Responsible Wood  
RW/1-10-1

Download the latest Bulletin.



For all your Timber Preservation needs.

Innovation through formulation



Ph: 07 3293 2651 | 24hrs: 0417 749 481  
[www.azelis.com](http://www.azelis.com)



MARGULES  
GROOME

FIRST FOR FORESTRY CONSULTING

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



The NATIONAL voice for

Timber Merchants • Suppliers • Manufacturers

Contact us on 1800 TABMA1

# Kimberly-Clark paper vows to halve its environmental footprint within a decade

PERSONAL care giant Kimberly-Clark has pledged to halve its global environmental footprint by 2030, under a new sustainability strategy covering issues such as emissions, forestry, water and plastics.

Published today (July 8), the new sustainable strategy replaces Kimberly-Clark's previous Sustainability 2020 framework, after the majority of its targets were surpassed.

It contains commitments to halve the business's use of virgin fossil-based plastics, forestry footprint and carbon emissions within a decade, against a 2019 baseline.

In order to reach the plastics target, Kimberly-Clark will accelerate its work towards meeting the aims of the UK Plastics Pact, which requires signatories to remove plastics where possible; develop recyclable, compostable or reusable formats where not; source more recycled content and work with policymakers to improve waste management.

As for forestry, Kimberly-

Clark is already sourcing 100% of its fibre from certified sources. It will now work to boost its sourcing of recycled fibre from the 2019 proportion of 31% and provide suppliers with further resources and funding to combat biodiversity loss and climate change and to empower indigenous communities that depend on forests for their livelihoods. Forestry is one of the firm's biggest environmental focuses, given its reliance on forest resources to produce the majority of packaging and products. Its forest footprint was 31% lower in 2019 than in 2011.

On climate, Kimberly-Clark announced its new



**Tristram Wilkinson... biggest environmental focus on forests.**



emissions targets had been improved by the science-based Targets Initiative.

Direct, power-related and supply chain emissions will be halved by 2030, against a 2015 baseline.

The strategy also contains a commitment to reduce Kimberly-Clark's water footprint by 50% in water-stressed regions across the

entirety of the value chain. Water footprint covers not only water extraction but rates of efficiency and recycling, as well as infrastructure improvements.

"We are at a watershed moment in human history when immediate steps need to be taken to tackle pressing social and environmental challenges – and recent times have reminded us how important our role in the world is," Kimberly-Clark's president Tristram Wilkinson said.

Kimberly-Clark is one of several big businesses to have launched a new sustainability strategy in recent weeks among concerns that corporate sustainability could fall down the business agenda during the Covid-19 crisis. But a survey from The Climate Group found that 97% of businesses are planning to stick to their long-term climate goals. Moreover, many corporate sustainability strategies are due to end in 2020.



## THE CHOICE IS YOURS.

Following the awarding of a Global GreenRate Level A certification, MicroPro Wood Treatment Technology has recently been awarded a GoldHEALTH rating with its recently published Global GreenTag Level A Product Health Declaration™ (PHD™).

The GreenTag PHD is the first health transparency tool in the world to assess human health concerns directly, rating the health impacts of a final product – and not just the hazards of a product's ingredients.

For more information call us now on 1800 088 809.



MicroPro® is a registered trademark of Koppers Inc. or its subsidiaries. MicroPro® timber products are produced by independently owned and operated wood preserving facilities. © 2019 Koppers Performance Chemicals Australia Pty Ltd. Global GreenRate, GoldHEALTH, Global GreenTag and GreenTag PHD are registered trademarks operated under licence by Global GreenTag Pty Ltd.

# Bunnings 'hammers' a name linked to sustainable forest management in WA

## Complete contempt for suppliers and hard-working timber families: MP

JIM BOWDEN

HOLDING a B.Sc. degree in the field of mathematics, Phil Bishop needs to look more closely at the figures in his decision to end a supply contract between Bunnings and Victoria's native forest products industry.

A statistics whiz and merchandise director at the giant hardware and timber retailer, Mr Bishop has subtracted more than a century of sustainable management from the forests to leave a hollow zero in credibility.

"The countries and communities from which we source our products are very important to us and we're committed to ensuring the products we sell come from legal and sustainable operations, with good working conditions and fair treatment of people," he said.

Fair treatment of people? Assistant Minister for Forestry Senator Jonno Duniam, rightly, says the decision by Bunnings is disappointing and wrong and will cost good jobs.

And this at a time when the economy and people without jobs are on their knees.

And it doesn't stop there. Environmental groups have called on Bunnings to extend its halt on native forest products in Victoria to NSW,

**“THE ECONOMY AND PEOPLE ARE ON THEIR KNEES**



**Sound management... foresters examine hardwood logs for manufacture into high-value timber products.** Photo: VicForests



**Jonno Duniam... wrong decision that will cost jobs.**

saying it fears supply will simply shift to the state's fire-hit forests.

But the emotional response by a third generation member of the original Bunning family that left London in 1886 to settle in Perth and establish a timber and building company on a government contract, like the Bunnings' red hammer

logo, hit the nail on the head.

"The green madness continues," lamented Bob Bunning, who with cousin Gavin joined the Bunning Bros board in 1974 and remained until Wesfarmers, formed out of the old West Australian Farmers Cooperative, purchased the company for \$594 million in 1994, retaining the Bunnings name.

This came after a 100 years working the hardwood forests in perpetuity by a family that rode the post-war housing boom to become the largest

Cont P.4

## The united voice for Australia's forest industries



(02) 6285 3833  
enquiries@ausfpa.com.au  
www.ausfpa.com.au

AUSTRALIAN  
FOREST PRODUCTS  
ASSOCIATION  
**afpa**  
TREES | WOOD | PAPER

From P 3

forest harvesting operator in Australia.

“We’ve seen it all before,” said Bob Bunning, 81, who lives in Perth and has an often-visited holiday home in Broome.

“In the forest wars of the 1980s in Western Australia, along with other states like NSW and Queensland, we fought for and defended our hardwood industry for more than 10 years armed with a sustainable forest management record earned over generations. Sadly, politicians on both sides of the fence surrendered to conservationists locking up the forest and destroying 20,000 jobs with it.”

Phil Bishop says Bunnings has a zero-tolerance approach to illegally logged timber that dates back two decades. “We believe that customers and team members have the



1/ **Dropping the hammer... Bunnings casts out Victoria's forest products.** Photo: NorTec  
 2/ **Phil Bishop... challenging legality of Victoria's native forest harvesting.**



the government was disappointed by the move from Bunnings, which she said “will hurt local jobs and businesses.”

right to expect that the timber they purchase is sourced from responsible and lawful forestry operations.”

But this just doesn't add up.

Even following the injunction, VicForests has ceased all activities in those coups and this material is excluded from supply. So, it's hard to argue that illegal product is being supplied. In

fact, all activities have been approved by the Victorian regulator.

At the risk of repeating ourselves, Victoria has one of the most regulated, sustainably-managed native forestry industries in the world, harvesting the equivalent of just four trees out of 10,000. No old growth trees are used and every area harvested is reseeded and regenerated by law.

All Victorian native forest hardwood is harvested according to the highest standards under the world's largest forestry certification scheme PEFC, managed in Australia by Responsible Wood.

Senator Duniam has urged Bunnings to reverse its decision, to choose Australian timber over imported timber and to back Australian jobs, as the nation begins to rebuild in the wake of COVID-19.

“The Morrison government has a plan to grow our world-class and world-leading sustainable forestry industry, and to support the hardworking and honest Australians who work in it,” he said.

“Bunnings’ decision flies in the face of this.”

Victoria's Agriculture Minister Jaclyn Symes said

“There are strong environmental safeguards around timber harvesting in Victoria – protections that don't exist in other timber-supply markets around the world,” she said.

Federal Member for Gippsland Darren Chester also slammed the decision which comes after the Federal Court ruled in late May that VicForests had breached the regional forestry agreement code of practice around logging habitats of threatened species.

Mr Chester said Bunnings had shown complete contempt for their suppliers and hard-working timber industry families with a premature decision which was all about virtue signalling and nothing about the environmental sustainability of the industry.

“The VicForests issue is still subject to appeal in the courts system and I fear that Bunnings will replace the Australian-made product on those shelves with imported timber which is harvested with less environmental scrutiny,” he said.

“We have a world-class

Cont P 18

**LEAD FROM THE FRONT!**

**2 for 1 SPECIAL**

**Diploma of Leadership & Management**

**Call Us Today!**

**NOW IS THE TIME TO INVEST IN THE FUTURE OF YOUR BUSINESS AND YOUR PEOPLE. SO, WHAT ARE YOU WAITING FOR?**



**1300 693 483**  
 info@tabmatraining.edu.au

# 21st celebration – and ‘big things’ are happening for the timber design awards

JUDGING of the 2020 Australian Timber Design Awards has commenced with this year’s entries being assessed via an online meeting platform during COVID-19 restrictions.

“The awards are celebrating their 21st year – a very special year for the team and we are expecting big things,” said Andrew Dunn, CEO, Timber Development Association, which is organising the national contest.

“Distinguished by a proud heritage of innovation and achievement, the awards promote and encourage outstanding timber design,” Mr Dunn said.

“The event will showcase the very best that Australian designers can produce in timber. The awards are open to builders, designers, architects, engineers and landscapers – to anyone involved in the design or building of structures that feature timber.”

Featured again is the popular Rising Star Award,



**Awards 2019...**  
Eileen Newbury presents the Australian Timber Design Awards Grand Prix Trophy on behalf of the WoodSolutions campaign to James Fitzpatrick of fitzpatrick+ partners for The Seed House. Joining the presentation were MC Peter Maddison (left), and Andrew Dunn, TDA.

which is open to students and entrants aged 35 or under.

The awards offer a unique system for build environment professionals and students to showcase their

“ENTRIES CLOSE ON JULY 15”



outstanding application of timber-based design in their built projects,” Mr Dunn said.

“Also, the Timber Products Class will recognise excellence in the use of specific timber products in

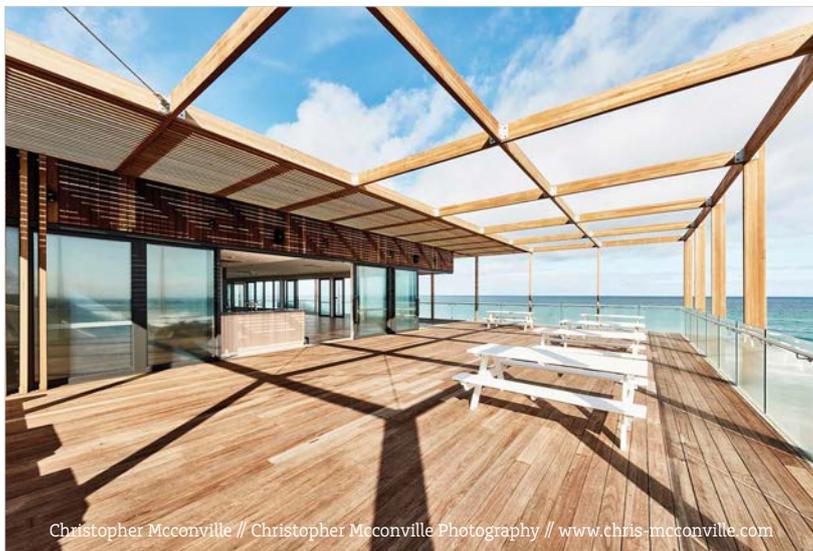
a project. The product must be used in a unique way that makes it stand out.”

Award winners will be featured permanently on the Australian Timber Design website, while runners-up to winners and all participants will be acknowledged in the yearly ATDA e-Book.

Those involved in the design, building, restorations or addition of a timber structure, furniture or joinery completed in the last three years are eligible to enter the awards which include 10 timber design categories, four merits and 10 products.

Entry submissions close on July 15 and voting on the People’s Choice Award will take place during August-September. Entry details are based online at [www.timberdesignawards.com.au](http://www.timberdesignawards.com.au)

Depending on COVID-19 restrictions in NSW, the gala awards presentation evening is scheduled for mid-October in Sydney with a decision on the exact date to be made later this year.



Christopher Mcconville // Christopher Mcconville Photography // [www.chris-mcconville.com](http://www.chris-mcconville.com)

Beautiful. Natural.  
Sustainable. Australian.

[responsiblewood.org.au](http://responsiblewood.org.au)

You can be assured that wood carrying the Responsible Wood mark has come from certified Australian forests that are sustainably managed to the highest global standards.

Responsible Wood  
Enabling Sustainability



# Timber bridge jumps through all the ‘hoops’ for durability – and strength

GOOMBOORIAN is a rural locality 20 km northeast of Gympie in Queensland’s Wide Bay region and near the Toolara state forest.

Bordering the town’s east is the Great Sandy National Park, home to hiking trails and the last-known coastal emu.

For many residents and motorists alike, the Stephan Road Bridge has been a popular crossing, with generations of locals using the structure to communicate to and from Gympie.

In March this year, the Gympie Regional Council sought to refurbish and rejuvenate the tired bridge – setting an ambitious eight-week time frame to complete works.



**1/ Easy lift... Stephan Road Bridge locked together and lifted by mobile crane.**  
**2/ Peter Robinson... bridge delivered on time with minimal disturbance to residents.**

“It’s incredibly important our infrastructure not only functions well, but is also cost-effective,” said Gympie region Mayor Glen Hartwig.

“Our rural residents rely on safe timber bridges

during their daily commutes or to access properties,” he said. “It’s vital they are safe and made from material that is long lasting.”

The bridge itself measures 11.2 m x 4.4 m in total span and crosses Tagigan Creek.

For the Gympie Regional Council, one of a growing number of Australian local governments that have embraced wood encouragement policies, the selection of a structurally durable, termite-proof timber system was an important consideration.

Enter PNG Forest Products, a specialist in engineered wood products and manufacturer of unique and innovative modular bridging and bridge decking solutions.

General manager, strategy and development, Peter Robinson said the bridge – manufactured from plantation hoop pine – was erected in two lifts, allowing for works to be delivered on time with minimal disturbance to residents.

“The use of a modular

system accelerated the construction and installation of the timber structure, while the employment of ACQ (alkaline copper quaternary) veneer makes the bridge structurally durable, protected from decay and termite infestation, enabling it to support heavy duty transport,” Mr Robinson said.

The engineered wood modular structure was lifted by a mobile crane, locked together in place and bolted to pre-prepared abutments.

The use of ACQ treatment is an important feature,

with the veneer treated prior to fabrication into final design ensuring 100% protection.

The peak body for the timber industry in Queensland has welcomed the project as a demonstration of the versatility and innovation of using engineered wood products in bridge construction.

Timber Queensland CEO Mick Stephens said the use of prefabricated timber systems in bridges was gaining greater market recognition due to their inherent strength, light weight and low carbon emissions footprint compared to other construction materials.

“We have been working with many local councils and the state government on promoting the economic and environmental benefits of timber, and the Gympie Council is to be commended for putting into action this project with a direct link to its wood encouragement policy,” Mr Stephens said.



Manufactured from 100% sustainable plantation timber

**PNGFP**  
Engineered Wood Products

Modular Bridges

Road & Rail Bridge Decking

**PNG FOREST PRODUCTS**

BUILDING OUR FUTURE SINCE 1954 [www.pngfp.com](http://www.pngfp.com)

**OCTOBER**

**21st Australian Timber Design Awards – Sydney, NSW, Australia** (date and venue to be advised). Entries close June 1. Voting for the People’s Choice Award is open from August to September. Visit the new awards website for information and

registration instructions. [www.timberdesignawards.com.au](http://www.timberdesignawards.com.au)

**30: Green Triangle Timber Industry Awards POSTPONED – Barn Palais, Mount Gambier, SA, Australia.** Nominations open 1 June 2020 and close 14 August 2020. For more information visit:

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

**MARCH 2021**

**17-19: Doing Timber Business in Queensland – Hotel Marriott and Howard Smith Wharves, Brisbane, QLD, Australia.** State conference, workshops, innovation tour and gala dinner organised by Timber

Queensland. Visit [www.doingtimberbusinessinql.com](http://www.doingtimberbusinessinql.com)

**APRIL 2021**

**DANA New Zealand Forest Industry Status and Outlook Conference and field trip.** Dates and venue TBA. To register interest as delegate or presenter please email [admin@danaevents.co.nz](mailto:admin@danaevents.co.nz)

**EVENTS LISTS MAY HAVE BEEN, OR ARE LIKELY TO BE CANCELLED OR POSTPONED DUE TO CORONAVIRUS TRAVEL, SOCIAL DISTANCING AND OTHER RESTRICTIONS. PLEASE CHECK THE RELEVANT WEBSITES.**

**SEPTEMBER**

**27-30: Council on Forest Engineering Annual Meeting – POSTPONED.** Visit [www.cofe.org](http://www.cofe.org) for update.

**POSTPONED – Durban, South Africa.** Possible 2021 conference and field trip - Dates and venue TBA. To register interest as delegate or presenter please email [admin@danaevents.co.nz](mailto:admin@danaevents.co.nz)

opportunities in timber to diversify their portfolios and achieve healthy returns. Register at [www.fba-events.com](http://www.fba-events.com) or contact [karolina@forest-analytics.com](mailto:karolina@forest-analytics.com)

**OCTOBER**

**21-23: Sustainable Forestry Initiative (SFI) Annual Conference – Vancouver, BC, Canada.** The 2020 SFI Annual Conference will be focused on how forests can make a difference when it comes to so many of the most important sustainability challenges faced in the forest sector and communities. For additional information see: [sficonference.org](http://sficonference.org)

**DECEMBER**

**7-9: International Forest Business Conference and Tour – Sopot, Poland.** A two-day conference on megatrends that shape forest and wood industry sectors. The event will highlight the transformation of forest-related businesses towards a low-carbon bioeconomy, discuss tensions between sustainability and cost competitiveness, and call attention to new green innovations. Field trip on December 7 to IKEA and Egger mills. The event will welcome institutional investors from across the globe to discuss investment

**JANUARY 2021**

**11-14 : World Conference on Timber Engineering (WCTE Santiago 2020) – Santiago, Chile.** Topics include Sustainable Forests for timber production; wood products, connections: timber engineering’ timber architecture; building and environmental impacts; policies, education and future trends. For further information see: [www.wcte2020.com/](http://www.wcte2020.com/)

**NOVEMBER**

**1-5: 3rd DANA African Forest Industry Investment Conference and field trip**

• Please send any events listings to John Halkett via email: [johnh@timberandforestrynews.com](mailto:johnh@timberandforestrynews.com)

*Do* you crosscut timber packs at ±1mm accuracy

*OR* cut structural timber, panel products (MDF & LVL), paper rolls

*OR* produce pallet dimensions or studs on fixed lengths

**HOLTEC has a solution for you**

For more information contact:  
 Ph: +64 9 416 8294  
 Fax: +64 9 416 8296  
 Email: [sales@holtec.org](mailto:sales@holtec.org)  
 Web: [www.holtec.org](http://www.holtec.org)

**HOLTEC**  
 YOUR PARTNER FOR THE PERFECT CUT

**Our Scope of Supply:**

- Mobile and stationary chainsaws
- Timber crosscut stations
- Log cutting stations
- Circular saws
- Mechanisation
- Sorting lines
- Scanning and optimising systems
- Special systems

# Salvaged timber will enhance council's community projects on mid-NSW coast

A PARTNERSHIP between Forestry Corporation of NSW, Boral and Nambucca Shire Council will see donated timber enhance community facilities in Nambucca and Macksville.

"The Community Timber Partnerships program will use around \$50,000 of donated timber to enhance the public spaces for the community's benefit," Forestry Corporation Partnerships leader Ryan Ellis said.

"This program was formed by Forestry Corporation, Boral Timber and Planet Ark to salvage around 1000 cub m of flooring and decking products impacted by the Murwillumbah floods in 2017," he said.



1/ Nambucca Heads Surf Lifesaving Club secretary Chris Stewart (left) and Forestry Corporation Partnerships leader Ryan Ellis... the club will benefit from a donation of seven packs of blackbutt flooring under the Community Timber Partnerships program.

2/ Salvaged timber... used in a range of community projects in the NSW mid-coast.

to complement new timber street furniture in Nambucca Heads.

The donated timber will also be used to enhance the Macksville Parklet project, including the construction of decking and seating. This project was developed to support post highway town revitalisation work.

The planned Dawkins Park Pavilion will also capitalise on the donated timber to be used to complete decking around the new facility and lining sections of the outdoor learning and cultural space.

The Community Timber Partnership is supporting a wide range of community projects across NSW.

"When we heard about such a large volume of timber being written off, in some cases for damage as minor as water staining, we were determined to salvage it for local community projects," Ryan Ellis said.



"We're pleased to donate 10 packs of timber to Nambucca Shire Council to enhance a range of local projects, work that highlights the value of timber in community facilities.

The featured timber complements the recycled bridge timbers the council has been incorporating into recent upgrades to community facilities.

The donated timber will be put to use in a series of local projects across Nambucca Heads and Macksville. Timber will be used to complement the planned upgrade of playground equipment in Gordon Park in Nambucca.

Decking has also been used

**GIVING  
TIMBER A  
NEW LEASE  
OF LIFE**

"We're working with a range of community groups to give the timber a new lease of life and create renewable, durable, beautiful timber facilities for many more local communities to enjoy."

The Community Timber Partnerships project is endorsed by Planet Ark, under its Make it Wood program.

To find out more visit [www.forestrycorporation.com.au](http://www.forestrycorporation.com.au)

## Non-Executive Directors

Forest and Wood Products Australia Limited (FWPA) is seeking to appoint two Non-Executive Directors to its skills-based Board at their upcoming AGM. FWPA are seeking interest from individuals with skills in the following areas:

- Conservation and management of natural resources.
- R&D experience, innovation, technology transfer and commercialisation of R&D outcomes, particularly in respect of agricultural products.
- Commerce, including domestic and international market development, domestic and international trade.

Prospective Board members will be able to demonstrate strategic thinking and an understanding of financial statements at a director level. Previous Board experience and/ or AICD qualifications will be considered favourable. An independent Director Selection Committee will consider proposals for candidates and recommend to the FWPA Board persons for nomination for appointment as a Director. The Committee is required to ensure that candidates will result in a balanced, skills-based Board.

For more information, please contact Richard Evans at Talent Nation on +61 3 9600 0115, or via email [revans@talentnation.com.au](mailto:revans@talentnation.com.au) To submit your expression of interest including a covering letter outlining your interest in this position and a short summary of the areas you believe you can add most value to the FWPA Board please [apply here](#).

**Expressions close at 5.00pm on Friday, 10th July 2020.**



Since its beginnings in 1954 PNG Forest Products has evolved into an industry leader in veneer treated Engineered Wood Products for challenging applications in the Australasian region.

# SUSTAINABILITY IN MOTION

Our extensive range of infrastructure products include modular bridging systems, heavy plywood bridge decking, highway noise barriers and specialist flooring for buses and trains.



# PNGFP

*Engineered Wood Products*

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

A member of the EWPA for over 40 years, PNGFP is committed to building a better future through sustainable manufacturing processes. All our timber is sourced from a PNG government owned plantation established by the Australian Administration in 1948. Our PEFC Chain of Custody certification demonstrates a commitment to sustainable forest management that is unique in PNG. We work in conjunction with the PNG Department of Environment and Conservation to ensure that the highest standards and best environmental practice are maintained at all times.



As a further commitment to sustainability, our manufacturing facilities are powered by PNGFP's own Hydro Power stations. This combination of renewable timber resources, processed with sustainable hydro power, makes PNGFP's Engineered Wood Products truly and uniquely 100% green.

# Wood-concrete composite structures ‘making sense’ in mass timber design

NEWS of a 40-storey wooden office tower planned for Sydney is proof that mass timber construction is gaining increased global acceptance as an alternative to traditional construction methods.

Tall buildings built largely from CLT demonstrate a trend towards structures now being dubbed “ply-scrapers.”

Promoters of CLT have long been enthusiastic about the reduced carbon footprint made possible by using engineered wood to replace steel and concrete. Not only does wood replace those carbon-heavy materials, the lighter overall weight of structures usually means foundations require less concrete mass, further reducing embodied carbon inputs.

Despite its cancellation, many have also praised wood’s esthetic appeal as revealed in the architectural renderings of Toronto’s Quayside project.

However, the 180 m Australian project extends mass timber well beyond the fairly common six storey



1/ Artist’s impression... proposed Toronto Quayside project.

2/ Dominique Briand... designers and builders need to be sure new ideas and approaches to mass timber can keep up to the competition.

height restriction. Such structures are made possible due to a hybrid combination of wood and steel.

As reported in Popular Mechanics, the Australian design will use “a small amount of steel for core structural elements and then build out mass timber where possible, like the wooden dowels that help to hold up multi-tier cakes.”

“Wood-concrete composite systems have been around for a while and make sense,” says Dominique Briand of

Quebec-based Structure Fusion, which specialises in mass timber and hybrid systems.

“In certain heights where pure CLT is too light in terms of vibration and sound transmission, and weak in compression, concrete can be useful.”

Briand points to the proposed hybrid project in

Toronto as an example. Although more modest at eight storeys, the structure is large in overall area – about 14,000 sq m and will be Toronto’s tallest mass timber structure.

Structure Fusion will supply a “delta beam” that combines steel, concrete and engineered wood.

Further afield, Canadian real estate giant Brookfield Properties plans the construction of a six-storey, 28,800 sq m office building in San Francisco as part of a \$3.5 billion waterfront development.

Because of the seismic sensitivity of the North American west coast, lateral steel seismic framing will be combined with CLT flooring and metal cladding to deliver the required structural integrity.

(Daily Commercial Structure News)



**Lonza**

Wood Protection

Providing solutions to enhance the performance of your Engineered Wood Products.

LVL, plywood and CLT are an essential component of the modern construction industry, Lonza offer a range of solutions to protect engineered wood products.

- ✓ Veneer pre-treatments
- ✓ Glue line additives
- ✓ Finished product protection

Looking to enhance your engineered wood products? Contact Lonza.

[www.lonzawoodprotection.com/apac/glue-line-engineered-wood-family/](http://www.lonzawoodprotection.com/apac/glue-line-engineered-wood-family/)

AUSTRALIA  
+61 3 9339 8915  
tanalised.au@lonza.com

NEW ZEALAND  
+64 9 276 3646  
tanalised.nz@lonza.com

NEW PLYMOUTH  
+64 6 755 9324  
scott.connor@lonza.com

# Sustainable buildings can help construction in post-COVID world

EMILY FOLK

WE'RE living in challenging and even dangerous times as a viral pandemic sweeps the globe.

Right now, the majority of the world is relying on the healthcare and food services industries to help us navigate this new normal. That is leaving many otherwise vital industries, such as construction out in the metaphorical cold with services shut down and projects put on hold to reduce risk and slow the spread of the virus.

At the moment, we're slowly moving toward a post-COVID world. We're not there yet but we're taking steps in the right direction. What can we do to help the construction industry recover in a post-pandemic world?

The Australian construction industry represents roughly 13% of the country's GDP, generating more than \$360 billion in revenue every single year.

Unlike many other countries around the world, Australia has allowed construction to continue as an essential industry. This is the perfect opportunity to start adopting something new and making the transition to sustainable construction.

Sustainable construction has become a bit of an industry buzzword, trying to encourage companies around the globe to abandon traditional practices that can be wasteful and harmful for the planet in favour of something a little greener and more sustainable.



Emily Folk

Many new techniques are starting to emerge. Pre-fabricated construction uses components assembled in a factory and shipped to the job site for final construction. These pre-fab modules can reduce the amount of time it takes to complete a structure, reducing overall carbon emissions by shrinking the amount of time that heavy equipment is necessary on these job sites.

With the world going mad around us, is sustainable construction something that can help make a difference by supporting the economy and keeping things moving forward? Industry experts believe that is the case. Internationally, the switch to green and sustainable construction is expected to save more than \$US1.1 trillion by 2050. Green buildings are good for both the economy and the environment.

This isn't the first time countries have used sustainable construction as a tool to recover from a financial crisis. After the Great Recession in 2008, the Republic of Korea created a stimulus package that offered incentives for retrofitting.

• *Emily Folk is a conservation and sustainability writer and the editor of Conservation Folks, a blogging website about environmental matters.*



# Technology at \$7m Mt Gambier plant poles apart from run-of-mill treatment

## Revolutionary new 'green' process converts residues into biochar

A LOW toxicity treated pine fence post that withstands bushfires is the latest example of the South Australian forest industry's commitment to innovation.

The Tana post is the result of a \$7 million investment by Mount Gambier-based Roundwood Solutions.

Founder Stephen Telford describes his business as "a mum-and-dad company that started from humble roots more than 30 years ago".

The company has now grown to become the biggest supplier in Australia of treated and untreated pine products, including timber posts used in agriculture, employing more than 100 full and part-time staff.

It was a strategic business decision that led to the development of Roundwood Solutions' innovative new treated fence post.

"Roundwood was always a first-stage processor; we bought our timber from commercially grown pine forests, then we processed, graded and bundled, and on-sold to treatment plants," explained Mr Telford.

"The market didn't know who we were, because we sold our wood to treaters.

"To sustain our business in the long term we decided to value-add our timber by putting in our own



1

1/ Taking stock... treated rounds are checked at the Tantanoola Enterprise Park treatment facility in South Australia.

2/ Quality product... graded treated pine at Roundwood Solutions ready for delivery.



2

the end of its life, the company will take the product back and burn it, using the energy generated to drive the boiler for steam that dries the timber in the first place, and create the biochar product.

The company has now developed a further value-add by adding a fire retardant to the treatment process.

"If there happens to be a bushfire in a vineyard or farming property, once it has passed the post will not continue to burn and the fence will still be in place," Mr Telford said.

Given the last devastating bushfire season... that's another good environmental 'plus'.

Contact sales@roundwoodsolutions.com.au

treatment plant."

However, Roundwood Solutions decided to create a new point of difference in the market by partnering with Lonza Wood Protection, the chemical company that has developed a new low-toxicity treatment, the approved Tanilth K.

"They had done the R&D and tested it for some time, but needed someone to commercialise and market it," Mr Telford said.

Recognising the impact the innovation would have on the post industry, Roundwood Solutions developed a \$7 million treatment facility at Tantanoola Enterprise Park,

utilising state-of-the-art technology to produce the Tana post.

The treatment facility is the first of its kind in the world, with the ability to convert residue – which is part of the process of making the post – into biochar, which is used as a soil amendment for farmers.

Roundwood Solutions says it is the only company that can provide a 'cradle to the grave' scenario for post product.

All timber is sourced from commercially-grown forests, certified under such schemes as Responsible Wood, the governing body in Australia for PEFC International.

Once a Tana post reaches

“LOW-TOXIC TECHNOLOGY WITHSTANDS BUSHFIRES”

On the cover: Another charge... Roundwood Solutions is now the biggest supplier in Australia of treated pine products.



# ROUNDWOOD

s o l u t i o n s



**Tanapost®**

WOOD PRODUCTS

- RENEWABLE PLANTATION PINE
  - PROVEN PROTECTION
  - CLEANER SURFACE
- NATURAL APPEARANCE
  - SAFER HANDLING
  - EASIER DISPOSAL

**ENQUIRE NOW**

Phone | Chris 08 8723 2511    Email | [sales@roundwoodsolutions.com.au](mailto:sales@roundwoodsolutions.com.au)

# ‘Valley of Death’ scheme for home renovators doesn’t quite do it for me

## Cynical exercise in marketing and certainly not good public policy

WELL, I’ve been let down more than once in my life, and unfortunately the federal government’s so-called HomeBuilder is yet another instance.

Certainly, the initial hype suggested it had the prospect of sustaining the demand for locally-produced timber. And that promised to be a good thing, as here are the pointy-end of the supply chain, after harvesting bushfire-killed plantations like demons for some weeks, we were starting to get signals about things abruptly slowing down.

So, I got excited. My place out of town was built, I think, in the 1930s and the joists on the front porch are giving way and the balustrades have got a toothache. So, I could most certainly employ a few tradies to do a bit of a make-over reno. Also, while I am under the prescribed earning ceiling to qualify for the \$25,000 grant, the reno needs to be more than \$150,000. Are you serious! I could replace at least half the entire house for that amount. So, it’s a bit of a sorry joke.

And here I was, enthusiastic about the advocacy of the chief executive of the Master Builders Association Denita Warn arguing that the residential construction industry is facing a ‘Valley of Death’ if there was not a major initiative implemented by the



*Charge of the Light Brigade... ‘Valley of Death’ stimulus more spin than reality?*

feds to support the industry. Clever I thought to evoke Tennyson’s famous poem The Charge of the Light Brigade:

“Forward, the Light Brigade! Charge for the guns!” he said.

Into the Valley of Death rode the six hundred.”

But the reality seems to be that the HomeBuilder package, touted to be worth \$688 million, is more marketing ploy than public policy outcome.

Scott Morrison and Josh Frydenberg declared that they were helping to save a million jobs connected to the construction industry by pumping up to \$688 million into home constructions and renovations. The words ‘up to’ are telling.

Certainly, I could employ a few tradies to fix up my humble abode, but I don’t qualify and a couple of local tradies will miss out on work – and wasn’t jobs the purpose of the scheme?

“SO, IT’S A BIG OF A SORRY JOKE

### TRUNK LINES



With **CHERYL FORREST**

You tell me how many Australians who earn less than \$125,000 (before tax) are going to spend more than \$150,000 (after-tax) on a renovation in the middle of a recession who weren’t already going to do so? And with more jobs likely to be lost as JobKeeper comes to an end, how responsible is it really for the government to encourage them to do so anyway when job insecurity has never been more real for many.

Well, I reckon it is just a cynical exercise in marketing and certainly not good public policy. We’ve seen this before with fanfare coronavirus

announcements after which the actual quantum spent is far lower than initially promised.

Others seem to agree. Online directory ServiceSeeking founder Jeremy Levitt said he reckons the stringent criteria surrounding what the grants can be used for, as well as the scheme’s December expiry, made HomeBuilder a “bit of a non-starter”.

It’s all a bit of a pity really, as economic indicators are showing unemployment is set to rise to around 10% in the coming months. The construction industry employs nearly 10% of the Australian workforce, with around 1.2 million workers, so it is deserving of stimulus that actually has some prospects of actually working and supporting employment – my local tradies included!

You might have a different view. We would be interested to hear it. Catch up again next month.

**Cheryl**

# The MARKET Leader...



## Komatsu 875 & 895

Komatsu Forest have maintained a very strong market position with their two most popular forwarders being the Komatsu 875 (16 tonne) which really compliments the 895 (20 tonne).

These two current models have been further refined to meet expectations and to cover all the contractors' extraction requirements with the latest developments in these key areas.

- New transmission system for greater traction and control.
- Improved crane performance with a large bunk area.
- Introducing Maxifleet to provide the ultimate service and production tool.
- New electric engine hood and new access panels for much improved serviceability
- Stylish and modern cab with central locking and remote key.

The latest Komatsu forwarders have been taken to another level in lifting the overall standards for forwarding which make them the best in their class.

Komatsu Forest Pty Ltd.  
11/4 Avenue of Americas  
Newington NSW 2127 Australia  
T: +61 2 9647 3600  
E: [info.au@komatsuforest.com](mailto:info.au@komatsuforest.com)

# Should New Zealand risk a \$6.8bn export industry on just one species?

## ‘It’s about the right tree in the right place for the right reasons’

THE issue of biosecurity risk because of a 90% dependence on one commercial exotic species (radiata pine) has been with the forestry industry for more than 40 years.

“Given the current international evidence of evolving disease behaviour that may or may not be linked to climate change ... should New Zealand risk a \$6.8 billion export industry based on one species?” asks Graham West.

He notes that in the past 10 years much research and various field trials have been conducted into alternative exotic species – among them Douglas fir, eucalypts, cypresses and coastal redwoods.

‘The right tree in the right place for the right reasons’ has been a noble sentiment goal, but tree stock sales in the same period give no indication of any significant change.

And West sees little prospect for large-scale planting of native species – “although many landowners will plant them for emotional and aesthetic reasons,” he says.

“I’ve found totara (Podocarpus totara) the easiest to grow on my small farm. Nothing will eat it readily, it grows well in plantations and has outstanding timber. However, the cost of establishment is about five times that of radiata.”

He says the Farm Forestry Association promotes

**In a follow-up to last week’s article on the prospects for diversifying plantation forest species in New Zealand, MICHAEL SMITH talks further with Graham West, Farm Forestry Association spokesperson and forest technologist.**



**Sustainable trial harvest... totara, a species of podocarp tree endemic to New Zealand, which grows throughout the North Island and northeastern South Island.** Photo: Northland Totara Working Group

alternative species via six action groups that hold the knowledge and experience to make diversification happen. “There are lots of well-meaning and enthusiastic people planting tiny areas. Most farm foresters probably still plant 80%-plus in radiata pine, but will spend all day talking about their other species,” says West.

Work undertaken by the Specialty Wood Products Partnership (SWPP) should also be acknowledged – namely the identification of alternative species whose products will have obvious markets and economic returns; and the provision of regional strategies that support the planting of species likely

to grow well and lead to more concentrated wood processing opportunities.

SWWP-related planting has, however, been limited and West is of the opinion that basic investment analysis is lacking. But regional initiatives are now emerging from the program – notably in the form of a strategy that targets the planting of ground-durable eucalypts in the generally drier eastern regions of New Zealand.

The New Zealand Dryland

**“A SHORTER ROTATION FOR RADIATA PINE A LOWER-RISK OPTION**

Forests Initiative (NZDFI) recently received government funding to hasten the availability of genetically improved eucalypt planting stock from next year. These hardwoods do not require chemical treatment and have a wide range of applications – from posts and high-end decking to flooring and LVL.

Hand in hand with the quest for alternative species, West suggests a shorter rotation regime for radiata could be a lower-risk option ... “given what I perceive to be our likely future. It’s about good genetics, low inputs and earlier returns. But it produces young wood that doesn’t suit most high-paying end uses, except for export K-grade to China.” He adds that if you examine the wood availability graphs, it’s not difficult to predict a dramatic drop in supply in 12-plus years.

“A shorter rotation is an opportunity to fill that gap,” West says. “And there is also the prospect of supplying wood for future chemical, fibre and energy options.”

Ultimately, says West, a shift is needed from researching alternative species to engaging with and influencing a broader group of stakeholders, policymakers and the various funding institutions to encourage diversification.

A change in government grants that influence investment decisions made by small- and medium-sized business owners would be a useful start.

# SUPPORT AUSTRALIANS BY BUYING AUSTRALIAN PRODUCT



From P 4

timber industry in Victoria where 94% of forest is protected and a small proportion of native forests are harvested each year under VicForests' control, then forests are allowed to regenerate in a sustainable cycle over 80 years.

"It's the ultimate renewable industry with young growing trees absorbing more carbon dioxide, compared to mature forests, and timber harvested according to the strictest standards in the world.

"Gippsland timber mills have invested in new technology to add value to the trees harvested with manufactured products that are in high demand. Wood that used to end up as waste or low value wood chips, is now joined and glued to make high value products that are available for home handymen and the construction sector."

Gippsland East MP Tim Bull said the decision would cost jobs and that it pre-empted VicForests' court challenge.

The original Bunnings Bros had a long history in the timber industry. Despite a constant shortage of capital it established sawmills throughout WA's south-west, imported the first band saw and was the first to install a timber-drying kiln.

After a series of acquisitions, the Bunnings chain as we know it today has a market share of around 50% of the DIY hardware market, with new warehouses, smaller format stores and trade centres throughout Australia and New Zealand.

**The CFMEU has rolled out an email tool to be forwarded to the CEOs at Bunnings and Wesfarmers: [https:// saveourtimberjobs.cfmeu.org.au/](https://saveourtimberjobs.cfmeu.org.au/)**

# Defending forests: 'we've seen it all before'

## Industry draws new defence plan against conservation group

By JIM BOWDEN

THE Australian timber industry launched a major forest resource defence program against the conservation lobby at a special meeting of producers this month.

The meeting unanimously endorsed the establishment of a resource management committee by the Australian Timber Producers Council to counter "gross exaggerations by radical minority preservationist groups."

The Sydney meeting brought together the ATPC, Australian Hardwood Quality Council, Australian Timber Research Institute and executive directors of six state promotion bodies.

ATPC chairman Bob Bunning said the new resource management committee would be headed in Canberra by the council's executive director Tom Brabin.

Mr Bunning said the conservation movement had been responsible for the locking up of more than 25 percent of Australia's native forest areas with further conver-

conversion, further processing and manufacture and distribution of wood and wood products, represented an annual turnover of \$4 billion and generated 100,000 jobs.

"Now the Australian Conservation Foundation, without even attempting to prove its many assertions and 'beliefs' is demanding the cessation of logging in all Crown land forests," Mr Brabin said. "In Western Australia conservationists are stridently requesting that 50 percent of state forests be locked up and logging on the remainder be permitted only on their terms."

Mr Brabin said the timber industry already had lost access to the equivalent of 600,000 cub m a year of sawlog quota and more than 1 million cub m of potential pulpwood in parks and other non-use reserves.

This represented more than...

Mr Brabin said had come for timberers to act more for united forest products group, pro and well organise

The resource committee of representatives up initially to communications, b produce practi on a national b

The resour also includes Paper Manufi tion and m Radiata Pine sociation of /

PAGE 2 Australian Timberman, November, 1982

## Big hardwood stands lost in Govt 'lock-up'

By JIM BOWDEN

HARDWOOD timbers destined for the nation's home-building industry will now be locked up in national parks following a numbing decision by the NSW Wran Government.

A NSW Cabinet decree to close vast forest areas to logging "as quickly as possible" has been a staggering blow to North Coast sawmillers who have invested heavily in a \$200 million industry.

Some economy-shattering figures are emerging as industry tries to come to grips with the full impact of a "rainforest" decision that will close 90,000 ha to logging.

NSW cuts very little rainforest for timber. Of the 90,000 ha now taken for national parks, 25,000 ha is rainforest of which only about 2500 ha would have been logged to 50 percent canopy retention.

But the big effect will be on hardwoods with sawmillers losing 842,500 cub m of

flooded gum. But poplars are not for sale and most mills are using all the flooded gum then can now."

Mr Jordan said the people of NSW did not realise what this decision would mean to the economies of country areas.

"A decision made for no better reason than to pacify a vocal and violent minority who have with impunity defied the laws of the state for their own personal gain so their backyards may be expanded to include large areas of the public forests of the state.

"No decision of this magnitude affecting so many lives should have been made with such a narrow majority of votes in Cabinet."

Mr Tim Evans, director of the association's Richmond branch, said it was a "not a defeat, it was a involved lock-up of hard-

ately hypocri- overnment to magnitude of their disastrous aim it is a sion. As any- been in the ws, Washpool y a rainforest. vernment had able decision it ssible to have sts. The actual, cost jobs," he ted by the Gov- sion include the ges, Night Cap, ub, Washpool, ley, Black Scrub hichester state

## ATPC moves for new national forest body

By JIM BOWDEN

MEMBERS of the Australian Timber Producers Council at their annual meeting in Canberra unanimously supported moves to form an overall "umbrella-type" organisation to represent all sections of industry.

The newly-elected chairman of the ATPC, Mr Bob Bunning, speaking from Perth after the meeting, said it was envisaged a new national body would act on behalf of all forest-based industries including timber producers, pulp and paper and plywood.

"The ATPC meeting agreed that if we could get all sections of industry together at national level we could



MR BUNNING

ment we have at present," Mr Bunning said.

Mr Bunning, 43, succeeds Mr Peter Wilkinson as chairman of the Australian Timber Producers Council. Mr

Wilkinson, who has retired from industry, was farewelled by friends and colleagues at a special dinner in Brisbane on Friday night, September 3.

Mr Bunning took up a full-time post with Bunning Bros Pty Ltd, WA, in 1964 after gaining a B. Engineering from the University of Western Australia.

He was chairman of the WA Forest Products Association 1980-81 and has been on the association's management committee for a number of years.

New deputy chairman of the ATPC is Mr George Bennett of the Victorian Sawmillers Association.

ATPC executive director Mr C. A. Grimwood is to

retire in late September after which Mr Tom Brabin, manager of the VSA, will take on executive duties for an interim period.

Mr Graham Ford of the Tasmanian Timber Association and Messrs Errol Wildman, chairman, Queensland Timber Board and David Armstrong, manager, QTBA, are new member delegates on the ATPC.

Member associations and their delegates are:

- Forest Products Association of New South Wales — Messrs L. M. Ferguson and A. K. Jordan.

- Victorian Sawmillers Association — Messrs R. G. Bennett and T. R. Brabin.

- Tasmanian Timber Association — Messrs B. G. Clennett and G. Ford.

- South Australian Sawmillers Association — Messrs F. L. Roushema and

• Clippings from Australian Timberman during 1982-84.

Then editor, Jim Bowden handled media coverage an industry liaison for the Australian Timber Producers Council over the period, working with Bob Bunning (chairman) and committee members D.G. Armstrong (Queensland Timber Board), Tom Brabin (Victorian Sawmillers Association) and Keith Jordan (NSW Forest Products Association). "They were tense, challenging and exciting times," recalled Jim. "ATPC was one of the first industry coordination associations, a forerunner to future industry lobby groups such as NAFL and then AFPA."

# Double the fun with Toyota's hybrid 'twins' – the Corolla hatch and sedan

CHINA might be under fire for hoeing into scorpion leg skewers and bat-burgers and being blamed for the spread of CORONA-19 across the globe – but, surprisingly it is road clean with the world's strictest rules over fossil-fuel cars, if that is some compensation.

Where face masks have always been de rigueur in polluted cities, the republic has pushed both domestic and international automakers, including Tesla, to spend billions of dollars on developing new energy vehicles.

Petrol-electric hybrids have been re-classified so they get more favourable treatment than all-petrol counterparts under China's new clean car rule.

The policy of China's Ministry of Industry and Information Technology is gradually allowing car makers to produce more petrol-electric hybrids and less more-costly all-electric vehicles from 2021 through 2023 – with few incentives to improve petrol car efficiency.

An exciting yet harmless pandemic spreading across



*Sporty, clean and economical... the Corolla Sedan hybrid sport Ascent.*

Australian is COROLLA-20 – and I was doubly happy to drive both Toyota's Corolla Hatch Hybrid SX and Corolla Sedan Hybrid Ascent Sport (but not at the same time) – and then the Camry SL V6 (for later review).

Australia has fallen in love with petrol-electric hybrids, with the Toyota RAV4 leading the charge with sales last year up 53%.

The base model Corolla Hybrid Ascent Sport starts from \$27,395 and the highest grade Corolla Hybrid ZR starts from \$34,695.

Small-family travellers will appreciate the sedan's 470 litre boot, a massive 253 litres bigger than the hybrid

hatch. With one of the 60:40 rear seats folded golf clubs, skate boards, beach gear and a good hamper will fit quite comfortably.

The Corolla sedans, both petrol and hybrid variants, have a five-star ANCAP rating. Apart from blind-spot monitoring, the Ascent Sport hybrid gets all the safety equipment that the rest of the Corolla sedan line-up enjoys – traffic sign recognition, lane-trace assist, lane-departure alert with steering assist, pre-collision safety system, reversing camera with guidelines, and ISOFIX child restraints.

Seven SRS airbags are scattered throughout the

cabin, with front, front side, full-length curtain airbags, and driver's knee airbags.

The guts of the SX hybrid sedan is a 1.8-litre petrol engine, which makes 72 kW at 5200 rpm and 142 Nm at 3600 rpm using the efficiency-over-power Atkinson combustion cycle. It works in almost seamless conjunction with a 53 kW/163 Nm electric motor and 6.5-amp/hour nickel-metal hybrid battery. This all runs through a CVT automatic transmission to the front wheels.

The hybrid is very quiet at slow speeds but plant the foot and the petrol engine kicks in.

Toyota claims a combined fuel reading of 3.5L/100 km.

SX is a solid mid-range specification, with 8 in. infotainment display that has Apple CarPlay, Android Auto, digital radio and sat nav. The SX hybrid gets a 7 in. multifunction display in front of the driver, up from 4.2 in. in the non-hybrid.

At 12-month or 15,000 km intervals, each service will cost \$180 for the first four visits.

Timber & Forestry enews is the most authoritative and quickest deliverer of news and special features to the forest and forest products industries in Australia, New Zealand and internationally. Enews is delivered weekly, every Thursday, 48 weeks of the year. Advertising rates are competitive with any industry magazine. Timber&Forestry e-news hits your target market – every week, every Thursday!

## HEAD OFFICE

Timber & Forestry enews  
PO Box 69, Potts Point, NSW 1335,  
Australia  
Phone | +61 (0) 417 421 187

## PUBLISHERS

John Halkett | +61 (0) 417 421 187  
johnh@timberandforestryenews.com  
Dennis Neilson | +64 (0) 7 349 2764  
dennison@timberandforestryenews.com

## MANAGING EDITOR

Jim Bowden | +61 (0) 401 312 087  
cancon@bigpond.net.au  
PO Box 330, Hamilton Central QLD  
4007, Australia

## ADVERTISING

John Halkett | +61 (0) 417 421 187  
johnh@timberandforestryenews.com  
advertising@timberandforestryenews.com

*The information contained in this publication has been obtained from sources assumed to be reliable. However, the publishers disclaim all warranties as to the accuracy, completeness, reliability or adequacy of the information displayed. Opinions expressed in Timber & Forestry e news are not necessarily the opinions of the publisher or staff. We do not accept responsibility for any damage resulting from inaccuracies in editorial or advertising. The publishers are therefore indemnified against all actions, suits, claims or damages resulting from content in this enews.*

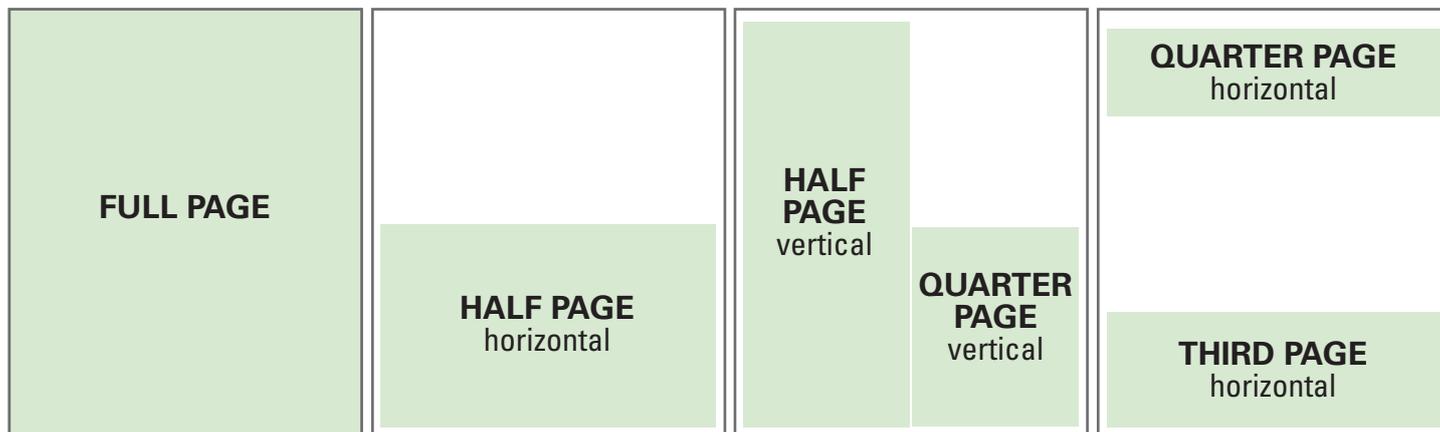
DELIVERED  
WEEKLY TO  
**15,200**  
GLOBAL  
READERS\*

## ADVERTISING RATES

**timber**  
& FORESTRY *e*NEWS

Now in its 12th year, Timber & Forestry eNews has grown to be the Number 1 online weekly news journal for the forest and forest products industries – across Australia, New Zealand and internationally.

### AD FORMATS



### DISPLAY AD RATES

**FULL PAGE: \$485**

297mmH x 210mmW

**HALF PAGE: \$290**

Vertical • 254mmH x 93mmW

Horizontal • 125mmH x 190mmW

**QUARTER PAGE: \$180**

Vertical • 125mmH x 93mmW

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

### CLASSIFIED ADVERTISING

**JOB ADS: ONLINE BOOKINGS ONLY**

**BUY & SELL ADS: ONLINE BOOKINGS ONLY**

744pxH x 720pxW

### BANNER ADVERTISING

• **FEATURE PACKAGE: INCLUDES**

**PAGE 3 strip below story / top email strip / top website banner strip**

Horizontal strip • 30mmH x 190mmW

Email strip • 395pxH x 1500pxW

Top website banner strip • 120pxH x 1000pxW

• **STANDARD PACKAGE: INCLUDES**

**PAGE 8 module / email module / website module on advertising page**

Module • 45mmH x 44.5mmW

Email module • 336pxH x 336pxW

Website module • 260pxH x 260pxW

### TERM DISCOUNTS

12 WEEKS: 7.5%

24 WEEKS: 10%

48 WEEKS: 15%

Timber & Forestry eNews is published by Timber & Forestry eNews PO Box 69, Potts Point, NSW 1335, Australia. Phone: 0417 421 187.

Delivered every Thursday, 48 weeks of the year to industry decision makers in Australia, New Zealand, the Asia-Pacific, North America, UK and Europe. Ad rates shown are based on a weekly booking.

### DEADLINES

**Display ads:** Book by 9am Tuesday prior to publication

**Supplied artwork:** Wednesday 12 noon prior to publication. Supply quality jpg or pdf to our specifications. NO crop marks or bleed required.

### WHO TO CONTACT

**Media releases:** Jim Bowden e: cancon@bigpond.net.au | **Display ad bookings:** e: advertising@timberandforestryenews.com

**Accounts:** e: johnh@timberandforestryenews.com | **Subscribe:** www.timberandforestryenews.com

**Classified advertising: JOB ADS ARE COMPLETELY ONLINE.**

Go to [www.timberandforestryenews.com/post-a-job/](http://www.timberandforestryenews.com/post-a-job/) to place a job vacancy. Book by 12noon Wednesday prior to publication. Job ads are for individual positions. If more than one position is to be advertised, separate ads will need to be created and advertised accordingly.

**BUY & SELL ADS ARE COMPLETELY ONLINE.** Go to [www.timberandforestryenews.com/product/buy-sell-advertisement/](http://www.timberandforestryenews.com/product/buy-sell-advertisement/) to place an ad. Book by 5.00pm Tuesday prior to publication.

### TERMS

New clients invoiced on booking. Existing clients 14 days.