

DELIVERED
WEEKLY TO
15,200
GLOBAL
READERS*



Like and follow us on 

ISSUE 565 | June 27, 2019

timber & FORESTRY *e*news

timberandforestryenews.com

Keeping watchful eye on habitat of possums

COVER STORY P2



Responsible Wood 



Download the latest Bulletin.



**MARGULES
GROOME**

FIRST FOR FORESTRY CONSULTING

www.margulesgroome.com



**TimTechChem
Australia**

For all your
Timber
Preservation
needs...

PH: 07 3293 2651
24hrs: 0417 749 481
www.timtechchem.com

ewp *ada*

The mark of safety, reliability and trust.



www.ewp.asn.au

+61 7 3250 3700



The NATIONAL voice for

Timber Merchants • Suppliers • Manufacturers

Contact us on 1800 TABMA1

Possum decision puts Victorian forest industry on endangered list

Plea for long-term plan and systematic survey program

A DECISION by federal Environment Minister Sussan Ley to keep Victoria's Leadbeater possum on the critically endangered list has come as a blow to the state's native timber industry.

Forestry has been caught in a vice of environmental pressure and political opinion since the possum was declared critically endangered in 2015, triggering the creation of special logging exclusion zones.

The state is at the crossroads – drastic measures to protect a species that evidence shows has a much greater population and range than was understood in 2015, or the closure of sustainable forests and sawmills, loss of hundreds of jobs, and timber communities and economies wasted.

The Victorian Association



VicForests is taking part in a range of projects to help the Leadbeater possum recover and to ensure its long-term survival.

of Forest Industries has lodged a plea to the state government to commit to a long-term timber and forestry industry plan that includes systematic survey programs for threatened forest species across all land tenures (state forests and conservation reserves); updating population modelling and forest planning; and development of integrated landscape-scale forest planning approaches

applied to all public forests state-wide.

“Appropriately, the listing of endangered species is taken on the recommendation of a scientific committee,” Sussan Ley said.

“I have read all of the

“COLONIES AS FAR AS 15 KM, OUTSIDE KNOWN HABITAT

recommendations and I believe this the only appropriate decision.”

But, as the Australian Forest Products Association observes, in the past 12 months scientists have documented colonies as far as 15 km outside their known habitat range, and they are being found in regrowth forest from the 2009 bushfires and in mixed-tree species forests that they were believed not to inhabit.

And, as of November 2018, there were 688 known possum colonies identified, 527 of which have been identified since 2014, which scientists estimate could put their population at more than 10,000.

AFFPA CEO Mr Ross Hampton said despite the recent new evidence, a comprehensive population study across all land tenures had still not occurred.



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.

Consequently only 6-10% of the possum's potential habitat in the Central Highlands had been surveyed.

He said the minister's decision to retain the possum's critically endangered status should focus efforts

on getting the best science to inform future conservation efforts ... "and that's why we are calling on the federal and Victorian governments to ensure this comprehensive study finally happens."

Mr Hampton says the review of the possum's listing has been worthwhile because it gave scientists time to gather new evidence which has significantly boosted the understanding of the possum's population and range, which were greater

“REVIEW SHOWS HOW LITTLE WE KNOW ABOUT POPULATIONS



1/ Tracking the possum... 'citizen scientists' venture into bushland to monitor native wildlife.

Photo: ABC

2/ Sussan Ley... the only appropriate decision.

communities.

According to available ABS figures, the Victorian forestry and forest products manufacturing industries employ about 21,800 people. In 2015-16, Victoria had 40 sawmills, nine post and pole mills, three panel mills and five paper mills. Average input capacity of hardwood mills was 20,500 cub m a year, the highest of any state.

than previously thought.

"However, the review has also exposed just how little we know about the possum's actual population and range, and future habitat availability," he said.

The Victorian forest industry generates \$7.11 billion of sales and service income annually and much of the income remains in local

On the cover: Pre-harvest inspection... Leon Holt, district planning forester for community forestry within VicForests.
Photo: VicForests photo

Global trading of softwood lumber up

GLOBAL trade of softwood lumber reached 120 million cub m in 2018, the second highest level on record, reports the Wood Resource Quarterly.

The uptick in demand for lumber continued in early 2019, with most of the major lumber-exporting countries increasing their shipments as compared to early 2018.

Out of the top 10 exporting countries, the largest year-

over-year increases (in %) were in Ukraine, Russia, the US, Chile and Germany.

The free fall of lumber prices in the US came to a halt in early 2019, when prices were close to a four-year low.

Softwood lumber exports from Canada were down 6% year-over-year in 2018, with the biggest decline in shipments to China. Despite efforts by Canada's lumber industry to diversify its export

shipments, 80% of total exports were destined for the US market in the 3Q/18 – a three-year high. However, this share fell to 76% in the 1Q/19 when exports to China rose again.

Russia increased exports of softwood lumber by 7% from 2017 to 2018 to reach almost 30 million cub m. This was the sixth consecutive year that exports have gone up from the previous year.



FOLS
Skills Verification Program



20% Off

Discount available* for AFCA Members!

- ✓ Evidence of employees' current skills and training
- ✓ Supports WHS risk management
- ✓ Supports professionalism and safety of industry

www.fols.forestworks.com.au

1800 177 001

*Australian Forest Contractors Association (AFCA)

ForestWorks

An industry-led program managed by ForestWorks

AFPA address: Minister supports an on-going review of water rules

An important renewable industry – 'trees are carbon-eating machines'

IN her first major presentation since her appointment as Minister for Agriculture, Senator Bridget McKenzie at the AFPA/FWPA industry dinner in Canberra last week supported an on-going review of the water rule in the Emissions Reduction Fund.

A departmental analysis of the ERF supports Carbon Farming Initiative restrictions, which effectively excludes plantation and farm forestry projects from the ERF, supports removal of rainfall restrictions the forest industry says are strangling carbon sequestering opportunities for plantations



At the AFPA/FWPA dinner in Canberra... the Minister for Agriculture Senator Bridget McKenzie with Rob de Fégely, co-chair, Forest Industry Advisory Council, and Dr Kevin Harding, president, Australian Forest Growers.

in the face of the National Forest Industries Plan's aspirational goal of planting

a billion new plantation trees by 2030.

This means removing the 600 mm rule from the CFI negative list and the 400 mm rule from the farm forestry methodology.

"I want to say a couple of things about the forestry industry that are basically common sense, but they need to be emphasised at time when powerful forces try to marginalise your industry with untruths," Senator McKenzie told 160 guests at the dinner.

"The first is that you are an important renewable industry; trees are carbon-eating machines. You plant a tree and it captures carbon and creates oxygen.

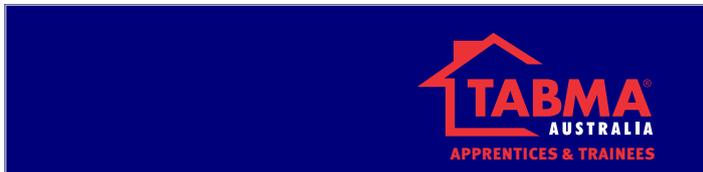
"If we want to reduce man-made carbon in the atmosphere, trees have to be part of the solution."

Citing one example, the senator said Britain recently recorded its first 'no coal' week since Queen Victoria ... "that is, they kept the lights on, their computers on and their industries running without needing to use their coal-powered generators. Instead they drew upon their growing renewable energy sources."

But, the senator said, what was lost in all the back-patting was that Britain's 'no coal' week was achieved through a significant amount of electricity being generated by biomass in the form of burning wooden pellets.

"And this continues today. This is because in Europe trees are considered 'a renewable' that can be replanted, so the burning of wooden pellets to generate electricity is not considered as harmful to the environment as burning coal. Go figure."

“ TREES HAVE TO BE PART OF THE SOLUTION ”



TABMA Apprentices and Trainees

We offer simple recruitment solutions for entry level positions within the timber industry. For a free fact sheet or to find out more please contact us:

call **1800 822 621** or email: steve@tabma.com.au



1/ **Stuart Davey, forest ecology, Institute of Foresters of Australia, Beau Hug, ABARES, Department of Agriculture, and Steve Read, director, forest science, ABARES.**

2/ **Enjoying the Canberra dinner... Paul and Lyn Madden, Arbutnot Bluegum Sawmills, Koondrook, Vic, and Ron and Sue Adams from Western Australia. Both Paul and Ron (inaugural FWPA chairman) received an Order of Australia in the 2019 Queen's Birthday Honours, achievements that were recognised during the event.**

3/ **Presenting at the Canberra industry dinner... graduates of the Australian Rural Leadership Foundation program Jessica Berry, Parkside Timber, Wondai, Qld, Robyn Janczewski, Department of Agriculture, and Amy Moulton, Midway, Geelong, Vic, with AFPA chair Greg McCormack.**

From P 4

Senator McKenzie said there were challenges for the industry going forward.

"I am reminded that Australia's plantation estate of nearly 2 million ha produces 87% of logs harvested.

“HELPING TO TAP INTO NEW GROWTH

"However, to meet future demand forecasts Australia will need to establish an additional 400,000 ha of plantations over the next decade."

Senator McKenzie sees the government's role as that of a facilitator – to help industry tap into that new growth.

In summary, the senator listed headline election commitments that included:

- Delivery of 20-year rolling

regional forest agreements.

- Bringing forward the establishment of the regional forestry hub in the south-west slopes of NSW as a pilot hub.
- Commissioning a House of Representatives inquiry into timber supply chain constraints in the national plantation sector.
- Full implementation of the National Forest Industry Plan.

- Seeking advice from the Forest Industry Advisory Council on the findings of the Statutory Review of the Illegal Logging Prohibition Act 2012' and on ways to strengthen the laws without increasing regulatory burden.

Beautiful. Natural.
Sustainable. Australian.
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

PTEC19 a global forum for researchers

DELEGATES and presenters from 11 countries will assemble in Brisbane next month for the 5th Pacific Timber Engineering Conference.

Registrations have been received from across Australia and from New Zealand, the UK, USA, Canada, Germany, Finland, China and South Korea.

The conference and trade displays will be held from July 10 to 12 at the Brisbane Convention and Exhibition Centre, South Brisbane.

Conference sponsors include the Engineered Wood Products Association of

Australasia, Hyne, Tilling and WoodSolutions.

Trade display will be mounted by Rothoblaas (solutions for building technology), Responsible Wood (forest certification), and Loggo Engineered Wood Systems (focus on new roundwood technology systems).

PTEC 2019 will be hosted by the Future Timber Hub and ARC Industrial Transformation Research Hub for Tall Timber Buildings in collaboration with the University of Queensland's School of Civil Engineering.

Conference chair is Professor Sritawat Kitipornchai a University of Queensland civil engineering researcher and only the fifth Australian elected to the elite European Academy of Sciences and



Professor Sritawat Kitipornchai...
PTEC 2019 chairman.

Arts. His co-chairs are Dr Vicki Lane, general manager, horticulture and forestry science at the Department of Agriculture and Fisheries, and Professor Keith Crews, professor of structural engineering, University of Technology Sydney

The three-day conference program aims to provide a global forum for both early career and experienced academics, practitioners, researchers, and research students, particularly in the the Asia-Pacific region, to share the latest developments

in research and application of timber in construction. Sessions include keynote lectures, invited lecturers, mini-symposia and parallel sessions.

Themes include wood products and components; computer-based methods; timber architecture; timber engineering; and implementations.

The intention is to bring a more practitioner focus that will complement the World Conference on Timber Engineering (WCTE) to be held in Chile next year.

The South American country has about 15 million ha of forest (80% native and 20% plantations) and a vibrant forestry industry.

• See PTEC 2019 notice Page 11 for further information and registrations.

“EVENT COMPLEMENTS WCTE 2020”

The united voice for Australia's forest industries

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

afpa
AUSTRALIAN FOREST PRODUCTS ASSOCIATION
TREES | WOOD | PAPER

Find out more about EWPA certification.

The mark of safety, reliability and trust.

PRODUCT CERTIFIED
paa
ENGINEERED WOOD

Product Certification	Education & Training	Standards Development
Research & Development	Technical Promotion	Market Maintenance

(07) 3250 3700 | inbox@ewp.asn.au

ewp.asn.au | [in](#) | [f](#)

JULY

10-12: 5th Pacific Timber Engineering Conference (PTEC 2019) – Brisbane Convention and Exhibition Centre, Merivale and Glenelg streets, South Brisbane, Australia.

A forum for both young and experienced academics, practitioners, researchers, and research students in the Asia-Pacific region and elsewhere in the world to share the latest developments in research and application of timber in construction. What the industry is achieving using timber in construction will also be showcased. The conference will bring a more practitioner focus that will complement the World Conference on Timber Engineering (WCTE) in 2020.

Call for abstracts. Inquiries to conference secretariat, School of Civil Engineering, The University of Queensland. Tel: +61 7 344 31360. Email: ptec2019@civil.uq.edu.au Visit www.civil.uq.edu.au/ptec-2019

22-23: 2019 DANA Australian Forest Industry Conference and Field Trip – Pullman King Georges Square, Brisbane, Australia.

To include one and a half day conference on Monday July 22 and the morning of Tuesday July 23 with 20 international and Australasian speakers confirmed, to be followed by half day field trip on the afternoon of July 23. For further information and to register see: www.danaevents.co.nz/2019brisbane

OCTOBER

18: 2019 TABMA National Awards Dinner – Doltone House, Hyde Park, Sydney, Australia. Hosted by TABMA Australiaw, 6:30 - 11:30 pm. Dress formal.

The 20th Australian Timber Design Awards presentation dinner – Melbourne, Australia. Entries open February 11 and close June 28. Peoples' Choice voting August to September. Sponsorship options available. Contact 0420 232 253 or email inbox@timberdesignawards.com.au

26: 2019 Queensland Timber Industry Gala Evening (Casino Night) – The Tote Room, Eagle Farm Racecourse, Ascot, QLD Australia. 6:30pm. Hosted by TABMA Queensland. For

bookings contact (07) 3456 7065. Mob: 0418 449 031. Email: Alicia@tabma.com.au tabma.com.au Visit: www.tabma.com.au

NOVEMBER

1: Green Triangle Timber Industry Awards 2019 – Mt Gambier, South Australia, Australia. The second GTTIA forestry awards for the region will recognise and celebrate outstanding foresters, companies, service providers and forest managers. Nominations open June 17 and close August 16. Gala dinner November 1. Further information and sponsorship opportunities visit www.gttia.com or contact Prue Younger +64 21 2765 484. Email: prue@publicimpressions.co.nz



GREEN TRIANGLE
TIMBER INDUSTRY AWARDS

2019 NOMINATIONS OPEN NOW Step up & Nominate go to www.gttia.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

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

HOLTEC has a solution for you

For more information contact:

Ph: +64 9 416 8294
 Fax: +64 9 416 8296
 Email: sales@holtec.org
 Web: www.holtec.org




JULY

8-18: IUFRO Small-scale Forestry Conference – Lake Superior in Duluth, Minnesota, USA. Presentations and field sessions will explore a mix of family-owned, tribal, industrial, and public ownerships with a focus on small-scale forest management. For further information see: www.iufrossf.umn.edu/

SEPTEMBER

16-17: ICATEA 2019: 21st International Conference on Advanced Timber Engineering and Applications – Zurich, Switzerland. The conference aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of advanced timber engineering and applications. For further information see: www.waset.org/conference/2019/09/zurich/ICATEA

17-18: NordGen Forest Conference 2019: Future Forest Health – Early detection and mitigation of invasive pests and diseases in Nordic forests – Hotel

Örk, Hveragerði, South Iceland. Conference will focus on threats posed to Nordic forestry and forest plant production by invasive pest species. For further information contact: forest@nordgen.org

SEPT/OCT

30 SEPT-4 OCT: Second World Congress on Mid- and High-rise Wood Buildings Woodrise 2019 – Québec City Convention Centre, Québec City, Canada. Theme: Building our cities for future generations jointly organized by FPIInnovations (Canada) and Institut technologique FCBA (France) will bring together wood construction stakeholders, decision-makers, and professionals to share their knowledge and strengths in order to position wood as a leading construction material for tomorrow's sustainable cities. For further information: Ann Cantin, Director, Communications and Marketing, Québec City Convention Centre, acantin@convention.qc.ca, 418 564-1312; Marjolaine Dugas, Director of Communications, FPIInnovations, marjolaine.dugas@fpinnovations.ca, 514 782-4595

29 SEPT-25 OCT: XXV IUFRO World Congress – Curitiba, Brazil. For further information see: www.iufro2019.com

OCTOBER

6-9: 52nd International Symposium on Forestry Mechanization (FORMEC) and 42nd Council on Forest Engineering (COFE) Annual Meeting – Sopron, Hungary. For further information see: www.formec2019.com

8-10: Timber Expo Birmingham – Birmingham, UK. Annual trade show covering a breadth of timber applications from timber frame, sawmills, merchants, glulam, SIPs, CLT, fixings and fastenings, timber cladding, doors/windows, mouldings, skirtings and flooring. For further information contact: +44 (0)7956 173351 or www.timber-expo.co.uk

8-10: AUSTROFOMA (Austrian forestry machine and device demonstration) – Forchtenstein, Austria. For further information see: www.austrofoma.at/en

21-25: 2019 DANA Japan Forest Industry Tour – Japan. A unique five-day Forest Industry Tour of several forest,

wood processing and wood importing and expecting port facilities on Kyushu and Honshu Islands. For further information and to register see: www.danaevents.co.nz/2019japan/

23: Woodflow Logistix Conference – Vancouver, Canada. For further information see: www.woodflowlogistix.events

NOVEMBER

19-21: Malaysian Wood Expo 2019 – Putra World Trade Centre, Kuala Lumpur. Email: info@malaysianwoodexpo.com.my or visit www.malaysianwoodexpo.com.my

APRIL 2020

3-5: FORESTlive, Forestry trade fair – Offenburg, Germany. Leading fair covering forestry technology, wood energy and biomass for decision makers in the forestry and agriculture, construction and municipal economy, timber crafts and energy industry. For further information contact: +49 (0)781 922604 or www.messeoffenburg.de

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

Forum focuses on forest industry at Top End

A FORUM at Kununurra in far northern Western Australia in September will identify and explore the growth potential of the forest and forest products industry in Northern Australia.

Timber Queensland with the Cooperative Research Centre for Developing Northern Australia has been conducting forestry and forest products industry situation analysis consultation forums across the region, with forums already held in Cairns, Darwin and Nhulunbuy.

The free forum at

Kununurra, about 40 km from the NT border, invites input from industry stakeholders to explore the initial findings of

a literature review to develop longer-term relationships with key industry and community representatives. The forum will add to the final report and future actions for policy, R&D and investment decisions.

The forum on September 5 will interest forest owners and managers, harvesting



contractors, processors, land councils, associations and peak bodies and government departments.

Project participants include Timber Queensland, the NT Department of Primary Industries and Resources, University of Sunshine Coast, Queensland Department of Agriculture and Fisheries,

NT Department of Primary Industries and Resources, Plantation Management Partners (NT), Midway, Simms Group, DTM Timber/Branch95, Alpha Santanol Pty Ltd, Quintis Ltd, and the Forest Products Commission WA.

The forum runs from 10 am to 12 noon at the Department of Primary Industries and Regional Development conference room, 1 Durack Drive, Kununurra.

RSVP by Thursday, August 29, to sarah@timberqueensland.com.au or call (07) 3358 7900.

Speed of on-site assembly key to credibility of offsite construction

‘More robust business strategies essential in the future’

WIDELY regarded and respected modern building and construction guru David Chandler OAM set a sobering scene in his keynote address at the FRAME offsite construction conference in Melbourne last week.

Although the momentum around the building of mid-rise and even taller wooden buildings is continuing, Mr Chandler offered a salutary, experienced-based assessment of the state of off-site construction manufacturing and related on-site issues, and it wasn't pretty.

Based on his assessment and interaction with many off-site fabrication projects over more than a decade, he said that developing credible off-site construction manufacture capacity for the building and construction industry for 2030 presented real challenges.

In serving up a dose of hard reality to the about 300 attendees in the conference opening session, he said: "Despite some contrary opinions, I am of the view that in relation to many aspects of off-site fabrication and tall wooden building advances, not much has changed on Australian construction sites so far this century."

“LOGISTICS AND WORK FLOW CHALLENGES MUST BE ADDRESSED



1/ **Representing Timberlink Australia... Julia Hall, national sales manager, and Rachel Edwards.**



2/ **David Chandler OAM... time, cost and the re-allocation of on-site to off-site resourcing are key issues.**

undermined client confidence and disrupted the domestic value chain.

"More convincing and robust business strategies will be essential in the future," he said "The industry will need to make the collective case for wood-based modern construction technology to clients by providing credible measurable benefits to avoid and overcome some unfortunate past outcomes."

He confirmed that a lot of very positive, great stories about the aesthetics, carbon storage, sustainability and

Cont P 10

AIR FLOW PROBLEMS?

Unlike others, Smithco's 4-, 6-, 8-, and 12-bladed propellers are designed and manufactured exclusively for the lumber industry. It's all we do. This focus allows us to provide unsurpassed customer service and technical expertise. We're the only company in the world who can make that claim.

Smithco. Problem solved.



Phone 503-295-6590 • 800-764-8456 U.S.
smithcomfg.com sales@smithcomfg.com





From P 9

other values of adopting off-site prefabrications building systems exist. But the translation of design into manufacture, assembly and construction had mostly been disappointing.

“A key has got to be speed of assembly on-site,” Mr Chandler emphasised.

“The traditional players are all trying to hang onto their traditional positions, which is inhibiting joining the dots in the game.”

He claimed the gap between off-site and on-site reality is as wide as ever and massive industry capability building is needed.

“BUSINESS AS USUAL JUST NOT GOOD ENOUGH”



“Our vocational and university education systems remain siloed and out of touch,” he said.

He believes that off-site construction manufacturing for the two to five storey residential market looked to have the best prospects for the future.

“However, understanding the metrics needs further work – so time, cost and the re-allocation of on-site to off-site resourcing are

key issues.”

Mr Chandler said Australian off-site construction manufacturing would require new design management skills, new work packaging, new on-site organisation and overhead structures,

In summary he claimed that reducing the time on-site for construction will be the “breakthrough value proposition” to off-site fabrication.

“If the industry does not

1/ Opening conference speakers... David Chandler OAM, Adjunct Professor, Centre for Smart Modern Construction, Western Sydney University, Duncan Mayers, innovation and emerging business, Timberlink Australia, Robert Pradolin, founder and director, Housing All Australians (session moderator), and Ralph Belperio, major projects director and timber expertise leader, Aurecon.

2/ Greg Jensen, Lonza, joins the Dindas Australia trio of Robert Dindas, principal, Scott Kendall, state manager, and Matthew Dickens, national procurement manager.

3/ Haytham Moshi and Wyn Bromiley of ATS Building Products check in with FWPA chairman John Simon.

lock into bench-marked, measurable performances then this proposition will just be more hype. This will involve transfer of in excess of 40% of existing on-site fabrication to off-site manufacturing. Business as usual will just not be good enough.”



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

www.lonzawoodprotection.com/apac/glue-line-engineered-wood-family/

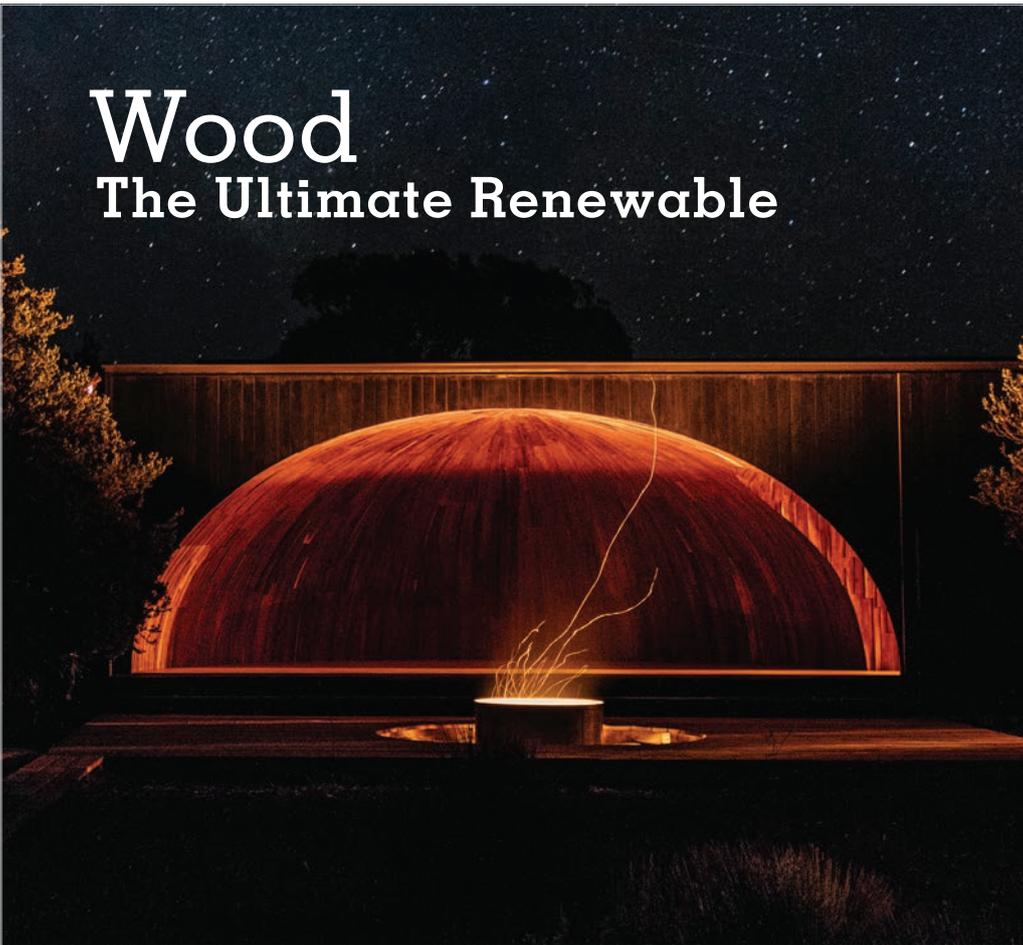
Looking to enhance your engineered wood products? Contact Lonza.

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

Wood The Ultimate Renewable



When people think of renewables, they tend to think of wind farms or solar panels, but they don't think of forests or building with wood. Wood is The Ultimate Renewable – helping us to live on nature's interest, not its capital.



Find out more at
MakeItWood.org

Project:
Krakani Lumi
Design:
Taylor and
Hinds Architects
Photography:
Adam Gibson



Pacific Timber Engineering Conference (PTEC 2019)

10–12 July 2019

Brisbane | Queensland | Australia

Join some of the world's biggest names in timber construction who will gather in Brisbane in July.

Participants from more than 10 countries including New Zealand, the UK, USA, Canada, China, Finland, Chile, Japan and South Korea will join a large Australian contingent at the conference. PTEC 2019 aims to not only bring new information in the field to participants, but to foster a sense of common cause between different parts of the timber construction industry, from engineers and manufacturers to designers and builders.

Register now

Registration includes lunch, morning and afternoon refreshments, the Welcome Reception (Wednesday, 10 July 2019) and Banquet Dinner (Thursday, 11 July 2019).

Registration Closes Friday, 5 July 2019

Full Rate \$850 AUD per person

Student Rate \$500 AUD or \$350 AUD per person excluding Banquet Dinner

For more information and to register
civil.uq.edu.au/ptec-2019

Emeritus Professor Sritawat Kitipornchaiw The University of Queensland | **Professor Jose Torero** University College London
Toby Hodsdon ARUP | **Professor Frank Lam** University of British Columbia, Canada
Anna Charalambous Lendlease DesignMake | **Professor Minjuan He** Tongji University, China | **Ben Owen** Lendlease Building



One-stop-shop model drives an efficient building supply service

Wide product selection at multiple sites, warehouses in four states



1 ATS Building Products offers a one-stop-shop business model for customers, saving them time and generating efficiencies by providing a wide range of building and construction timber and other building products – all at the same venue.

The company has multiple sites and warehouses in New South Wales, Victoria, Queensland and in Adelaide with business subsidiaries in the US and China.

By any measure, ATS Building Products has demonstrated amazing innovation, growth and

diversification in the Australian building materials supply market, a products supply model that has won favour with customers.

ATS Building Products is able to offer a unique range of products and services. In addition to what might be described as more conventional building and construction timber products, the company carries a wide range of engineered wood products, panels and other building and construction lines.

Another feature that further distinguishes ATS Building Products from many others is its multi-product retail hardware facility that carries everything from nails through to masonry fixings, drill bits, basic tools, nail bags and nail guns.



- 2
- 1/ *Haytham Moshi... quick and convenient service ensures customers get the building materials they need for the timely completion of any project.*
 - 2/ *ATS Building Products ... ability to import and store large amounts of stock means there is always a full selection of top quality products.*

service using the company's own of fleet trucks.

Founder and CEO Haytham Moshi has a hands-on, practical approach to doing business.

"I always try to put myself in the place of our customers, even if that means stepping outside what has traditionally been thought

A further strength of support for the building and construction industries is the rapid and efficient delivery

“RAPID AND EFFICIENT DELIVERY SERVICE”

From P 12

of as the ground occupied by timber wholesalers. I always aim to meet customers' needs for product range, technical support, efficiency and on-time delivery," he said.

"So if a customer needs a particular timber and other building product and any related hardware, tools, or anything else to make their work more efficient and productive, well then I see it as my job to supply their needs and to provide any support needed.

"We pride ourselves on our quick and convenient service to ensure that customers get the building materials

FABRICATION TEAM READY FOR ON-SITE INSTALLATIONS



On call and ready... a wide range of engineered wood products, panels and other building and construction lines.

they need for the timely completion, no matter the size of the project."

Mr Moshi said an ability to import and store large amounts of stock meant the company always had a full selection of top quality products on hand. This ensures valued customers get what they need when

they need it, keeping their building timetable on schedule," he says.

Mr Moshi says the company also has the ability to customise any timber or steel order in-house to save customers time and money.

"For example, with any engineered wood products

the fabrication team can also go on site to do any necessary measurements and installations on the spot," he said.

The company, established in 2003, is headquartered in Northmead, NSW, and has more than 100 employees across Australia.

Not all suppliers are created equal.



Not restricted to supplying conventional timber products, **ATS Building Products** has developed a diverse and extensive range of products and services not matched by others. And because our customers' needs are important to us, we guarantee great value, will save time and give customer satisfaction every time because... *we care.*

Find out why **ATS Building Products** stands out from the crowd.
www.atstimber.com.au



NSW	NSW	QLD	VIC	SA
157 Briens Road Northmead, 2152 t. (02) 9630 5622	17-23 Longfield Street Lansvale, 2166 t. (02) 9630 5622	8 Gay Street Coopers Plains, 4108 t. (07) 3667 8217	372 Lower Dandenong Rd Braeside, 3195 t. (03) 9034 3994	48 Lipson Street Port Adelaide, 5015 t. (03) 9034 3994

MALAYSIAN WOOD | EXPO 2019

www.malaysianwoodexpo.com.my



The Malaysian Wood Expo 2019 aims to bring together international timber-based and woodworking machineries suppliers and buyers for trade and networking opportunities as well as tap into some of the fastest-growing economies in Southeast Asia.

Make the most of your time at MWE as opportunities to network and generate new business deals await you.

NOV
19-21
2019
PUTRA WORLD TRADE CENTRE
KUALA LUMPUR, MALAYSIA

International Wood & Woodworking Machinery Event

Contact us at:  **+603 9281 1999**  info@malaysianwoodexpo.com.my

Jointly organised by:



Endorsed by:



100pc write off on \$30,000 put simply

THE recent '\$30,000 immediate write off' decision in the federal budget has passed through both Houses of Parliament, so it's law.

So who can claim these 100% write-offs this year (2019 financial year) and at what level?

Let's work backwards.

• \$30,000 – 100% write-off (2/4/2019 to 30/6/2020):

All companies with turnover up to \$50 million p/a can claim a 100% write-off for equipment with a purchase price of \$30,000 or less (excluding GST) where that equipment has been acquired and installed from April 2, 2019 until June 30, 2020 (almost the entire last quarter of this financial year and all of next financial year).

• \$25,000 – 100% write-off (29/1/2019 to 1/4/2019):



So... who can claim these 100% write-offs?

All companies with a turnover of up to \$10 million can claim a 100% write-off on equipment with the value of \$25,000 or less (excluding GST) that has been acquired and installed between January 29, 2019 and April 1, 2019

• \$20,000 – 100% Write-Off (1/7/2018 to 28/1/2019):

All companies with a turnover of up to \$10 million can claim a 100% write-off on equipment with the value of \$20,000 or less (excluding GST) that has been acquired and installed between (July

FINANCE



With MARK O'DONOGHUE

1, 2018 and January 28, 2019)

So you can see that there are 3 tiers that are claimable

and it is ONLY the most recent \$30,000 tier which can be claimable by all companies with the turnover up to \$50 million.

All 3 tiers are available to companies with the turnover up to \$10 million.

Remember these are claimable on individual assets (not simply the total invoice value where there are multiple assets being purchased) so in the event that the company is buying 4 identical assets at \$18,000 each plus GST, all 4 assets are applicable to this 100% write off opportunity.

Clear as mud?

If you are looking at buying equipment before June 30 to take advantage of these 100% write offs, we would be delighted to assist.

**FRIENDLY.
FAST.
DIFFERENT.**



#bank



#betterthanabank

**FAST TRACK APPROVALS UP TO \$500,000
WITH NO FINANCIALS REQUIRED FOR EQUIPMENT & VEHICLE FINANCE***

Finding a long term finance option that is easy, flexible and allows you to focus on what you do best shouldn't be as hard as banks make it! Finlease specialises in equipment & vehicle finance with a team focused on speed, personal service and small business expertise, we really are **Better than a Bank** in so many ways.

FINLEASE.COM.AU

MICHAEL ABBERTON
0488 480 463

finlease 
your equipment finance partner

Australian Credit Licence: 390584 Finlease (Australia) Pty Ltd *To approved purchasers up to \$500k, terms & conditions may apply

Ecologically, you can bank on wood

RESPONSIBLY sourced wood is the only major building material that helps tackle climate change. It's renewable – 'the ultimate renewable' – it stores carbon for the life of the building and has much lower embodied energy – 'upfront carbon emissions' – than conventional, more carbon-intensive building materials.

When people think of renewables, they tend to think of wind farms or solar panels, but they don't think of forests or building with wood. Wood is the only major renewable building material currently available anywhere in the world.

At Planet Ark we often talk about a concept called 'ecological footprinting' – living on nature's interest, not its capital.



Brock Commons student residence in Vancouver ... the 2233 cub m of timber used in the project will be regrown in six minutes.
Photo: Acton Ostry Architects

In a Yale University study completed in 2014, the researchers concluded that the world's forests contain a total volume of wood of 385 billion cub m. They also found that an additional 17 billion cub m is grown every year, of which we consume 3.4 billion cub m, about 20% of the additional growth. Using wood we are building nature's interest, not its capital. No other building material can

make that claim.

By way of an example, the tallest timber building in the world was, until recently, a university residence building in Vancouver, Canada. It is 18 storeys or 53 m tall, and incorporates 2233 cub m of CLT and glulam in its structure. Calculations have shown that the volume of timber used will be regrown in US and Canadian forests in a mere six minutes.

Similarly, an average-sized Australian frame and truss house will contain about 12 cub m of pine, which will be regrown in Australian pine plantations in about 20 seconds.

When wood is harvested today, it's replanted for tomorrow. That's why wood is 'the ultimate renewable'. Simple as that.

MAKE IT WOOD



With **DAVID ROWLINSON**
Campaign Manager

2019 DANA INNOVATIONS IN THE AUSTRALIAN Forest Industry Sector Conference & Field Trip

22 - 23 July 2019 | PULLMAN HOTEL | KING GEORGES SQUARE | BRISBANE | AUSTRALIA

REGISTER NOW



- Most of the 26 international and Australian speakers are already confirmed
- Innovations in forest (and agri-) investment and operating management; and in
- Wood processing and new add value wood products
- Innovations in Association projects in 2019-2020
- ½ day Field Trip – busy afternoon visiting operations and innovative stops and projects



[CLICK HERE](#) For Website

Or contact Julie Bell at admin@dana.co.nz

Ecuador plantations: is this the perfect storm?

DOES Oceania have a looming pine and eucalyptus plantation competitor?

New Zealand-based DANA director Dennis Neilson has just returned from leading an investors' tour of Ecuador.

While there he was surprised to see thriving clonal growth trials of radiata pine, Eucalyptus nitens and E. globulus. And, just starting out, a major project planting E. saligna and E. urograndis

Both the pine and nitens trials were being grown at 3300 m and the growth rates of both were exceeding those of these species grown at close to sea level in many parts of Australia.

Growth of nitens seems to just keep going and going as it gets higher and higher – even past 3500 m, so trials will be pushed higher to try to find its altitude limit.

The growth of globulus is also exceeding Australian growth rates in most regions, but it runs out of puff at 'only' 3100 m.

What is it in Ecuador that cannot be replicated in Oceania? Is it the minerals in the Inca god's 'firewater' rain and soils?

But the very recent start of clonal E. saligna trials looks evening more startling – and threatening – as it is closer to the coast and to wood export ports.

With 5-10 m of very fertile loam soils, the same daily



Dennis Neilson... Ecuador tour completed ahead of DANA conference.

temperatures (each day) all year round, and a 2000 mm annual rainfall this might help. Include world-class geneticists whose skills have been honed on bananas and more than 10 other export fruit crops and you have the 'perfect storm'.

Neilson says an opportunity may exist from major players in the plantation eucalyptus business to invest there, and 170,000 ha, or 80% of the country's palm oil crop, is dying/will die because of a new deadly bacteria infection.

"It's likely that palm oil land owners will want to either convert their crops to alternative species, or to sell their land," he says.

"We had better hope that the Ecuadorian industry doesn't get a sniff of the pine log or eucalyptus woodchip markets and potential returns in North Asia."

Neilson will be at the DANA Brisbane conference on July 22 and 23 (see notice, P 16) and will be happy to share his experience and photographs and notes with delegates.

“GROWTH OF NITENS SEEMS TO KEEP GOING

INVITATION ... DON'T MISS 'Pioneers at the Piney' Timber industry's annual **Pioneers' Luncheon**

At historic **PINEAPPLE HOTEL**, 706 Main Street, Kangaroo Point, Brisbane.

Thursday, August 9 2019 @ 12 noon

SPECIAL GUEST SPEAKER



Join many timber and forestry friends to recognise and salute our industry's pioneers (and sons and daughters of the pioneers).

Meals, drinks from hotel's servery at your cost and selection. No other charges.

Big raffle to aid special children's charity.

RSVP by July 27, 2018

**Don Towerton 0428 745 455
don@thoratimbers.com.au**

**Jim Bowden 0401 312 087
cancon@bigpond.net.au**

Free pre-lunch drinks and refreshments have been sponsored.

Ten award winners recognised for excellence in forest management

TEN winners have been acknowledged for excellence in responsible and sustainable forest management in the 2019 Tasmanian Forest Practices Awards.

Recipients of the industry's peak awards, presented at the town hall in the historic midlands town of Ross, join an impressive alumni of previous winners since the inaugural awards in 2008.

The awards are held every four years to recognise the hard work and commitment of forest practices officers, managers, workers and scientists working in the sector in Tasmania.

"Above all, excellence, innovation, quality and diligence are the cornerstones of our forest practices system, a system that is recognised as the best in the world," Forest Practices Authority chair John Ramsay said.

Chief forest practices officer Dr Peter Volker said the awards held every four years, just like the Olympics, were about a long-term commitment to being the best.



Presenters and winners of excellence in forest management awards...back row, from left, Dr Peter Volker, chief forest practices officer, Forest Practices Authority, Dr Sue Baker, University of Tasmania, Mick Casey and Erik Martin, Sustainable Timber Tasmania, Tony Stonjek, AKS Forest Management, Andrew Plank, Norske Skog, Vanessa Thompson, Sustainable Timber Tasmania, and front, from left, Joan Rylah MP (representing the Minister for Resources), Leanne Chappell, SFM Environmental Solutions, and Toni Ogilvie, Sustainable Timber.

"This commitment to the ongoing success and sustainability of Tasmania's forests underpins the industry and is worthy of recognition," he said.

"It's the high standards achieved by those on the ground who implement our forest practices system that make it the envy of forest managers everywhere."

Award winners:

Preparation of forest practices plans: Steve Martini, independent forestry consultant and Vanessa Thompson, Sustainable

Timber Tasmania (joint winners).

Inspection and supervision of forest operations:

Michael Casey, Sustainable Timber Tasmania.

Conduct of forest operations:

Tony Stonjek, independent forestry consultant.

Innovation in forest practices:

Andrew Plank, Norske Skog.

Excellence in community and stakeholder relations:

Erik Martin, Sustainable Timber Tasmania.

Excellence in research:

Dr Sue Baker, University of Tasmania.

Excellence in advice and services:

Dr Phil Bell, independent ecological consultant.

New forest practices officer excellence award:

Leanne Chappell, SFM Environmental Solutions, and Toni Ogilvie, Sustainable Timber Tasmania (joint winners).

“LONG-TERM IDEAL TO BE THE BEST”

Timber & Forestry e-news 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 e-news
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
dennisn@timberandforestryenews.com

MANAGING EDITOR

Jim Bowden | +61 (0) 401 312 087

ADVERTISING

John Halkett | +61 (0) 417 421 187
johnh@timberandforestryenews.com
Jim Bowden | +61 (0) 401 312 087
cancon@bigpond.net.au

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 e-news.



GREEN TRIANGLE TIMBER INDUSTRY AWARDS



NOMINATIONS OPEN

2019 Sponsors

Take the opportunity once again to nominate an industry person or company that deserves to be recognised for their contribution to the forestry industry.

We are seeking suitable candidates that reflect all sectors and work within the Green Triangle region and with this inaugural event, let's make it the success it should be and provide the chance to celebrate the high achievers and players that hold credible status within the industry.

It is important to get involved again this year as the awards are now an annual event following on from the success of last year. The value proposition for nominees to be finalists and winners will generate industry opportunities and will grow the profile of the region to benefit businesses and industry.

Get involved, nominate today and step up.

Check out our website for nomination category criteria and details www.gttia.com

Key Dates 2019

17 June
16 August
September
1 November

Nominations Open
Nominations Close
Judging Process
**GREEN TRIANGLE
TIMBER INDUSTRY AWARDS**



Australia's first all-electric SUV from Hyundai filled with extras

Electrifying acceleration at 0-100 km in just 7.6 seconds

ACCORDING to the Paris-based International Energy Agency there will be 125 million electrical vehicles on the world's roads by 2030.

China, France and the Netherlands lead the charge for the strongest orientation to pure battery electric vehicles, while Japan, Sweden and the UK have the highest share of plug-in hybrid cars.

Until Hyundai introduced the long-awaited Kona Electric – Australia's first 100% electric small SUV – it was impossible to find an electric vehicle under \$60,000.

Current electric car batteries are large, heavy and expensive. As technology progresses, electric car batteries will get smaller, cheaper and more efficient. This will allow for longer distances to be travelled on each charge, and, hopefully, will lower the cost of electric vehicles. Otherwise, right now, it's costly to help keep the planet green.

In the meantime, with a genuine driving range of 450 km, the Hyundai electric small SUV lists for \$59,990 drive-away for the entry-level Kona Elite and \$64,490 for the Kona Highlander – the most expensive you can buy from the South Korean manufacturer.

But you're drawn to load of features; even the entry-



1

The Kona's instant 395Nm of torque makes for rapid acceleration anytime at any speed, whether you're pulling away from the traffic lights or overtaking on a highway.



2

- 1/ *Hyundai's Kona EV... charged and ready to go.*
- 2/ *Inside Hyundai's all-electric SUV... push-button control.*

MOTORING



With ORSON WHELS

grade Elite comes standard with a leather interior, an 8 in. touchscreen, sat nav, Apple CarPlay and Android Auto, Bluetooth connectivity, an Infinity stereo, digital radio, paddle shifters, climate control, a reversing camera, a 7 in. digital instrument cluster, proximity key and rear privacy glass – the list goes on.

The Highlander adds LED headlights and tail-lights, a wireless charging pad, sunroof, heated and ventilated front seats, a head-up display, and a heated steering wheel. High beam assist exclusive to the Highlander recognises oncoming cars at night and will automatically dim lights to keep both cars safe.

The Elite and Highlander versions have Hyundai's 'smart sense' safety pack which

includes AEB with pedestrian detection, blind spot warning, lane keeping assistance, rear cross traffic alert and adaptive cruise control.

No engine here. The Kona EV has an electric motor and a single-speed transmission. The motor makes 150kW of power and 395Nm of torque – that's a lot of heave for a small SUV and acceleration is an electrifying 0-100km/h in 7.6 seconds.

Officially, the combined electric driving efficiency is 131 Wh/km (watts x hours / km).

Smart stop-and-go cruise control maintains speed while also detecting vehicles ahead, straying a safe distance by braking and accelerating to a selected speed – a bonus in stop-start traffic.

The battery is a 356V lithium-ion polymer unit with a 64kWh capacity. Charging the battery from empty to 80% takes nine hours and 35 minutes if you use the 7.2kW on-board charger and a home wall unit which needs to be purchased separately.

Using a 50kW DC fast charger at a public filling station can charge the battery up from empty to 80% in 75 minutes. A 100kW fast charger can do it in 54 minutes.

The nifty plug-in electricity socket is cleverly concealed in the front grill. Close this and it's totally hidden.

The Kona Electric comes complete with a button-controlled gear stick for drive, reverse and park.

The 332 litre cargo capacity at 39 litres is less than the boot space of a petrol Kona. You have to put the battery somewhere.

JOB SEEK



PRODUCT DEVELOPMENT MANAGER AUSTRALIA

Koppers Performance Chemicals (KPC) is a global leader in timber preservative technology and the supply of products to the timber preservative industry. We are a dedicated team providing wood preservatives, engineering services, and marketing services to our customers.

Providing market leading service, products, and quality, we are seeking a talented professional to head our product development efforts.

This position is responsible for the development and introduction of both new and improved products and processes to the market. The successful candidate should possess the following attributes:

- A tertiary qualification in at least one of the following disciplines, Chemistry/Chemical Engineering/ Wood Science/Forest Products/Forestry or related areas.
- Minimum 5 years Industrial work experience in wood products or forestry related areas is preferred
- Must be hands-on in conducting laboratory and field testing.
- Be creative, independent and motivated.

- Good written and verbal communication skills.

To succeed in this role, you must be able to work autonomously within the structure of a small professional team to help reach key performance targets. You will also be able to work as part of a larger international Product Development Team sharing information and collaborating on projects.

You will enjoy working in an environment that encourages teamwork, transparency, innovation, and excellence.

If you believe that you are the person for the job, and you are ready to join the Koppers team, **please submit your written application and resume by 19th July 2019 to:**

General Manager

Koppers Performance Chemicals Australia

kpcjobs@koppers.com.au

Applicants must possess a suitable visa for working in Australia.

Koppers is an Equal Opportunity Employer

Have you noticed something lately?

How many people are using their iPad, computer or smartphone to gather information, research and read magazines.

It just makes sense to go with the flow & advertise in the **Timber & Forestry E News**

Contact

John Halkett | +61 (0) 417 421 187
johnh@timberandforestrynews.com
Jim Bowden | +61 (0) 401 312 087
cancon@bigpond.net.au



DELIVERED
WEEKLY TO
15,200
GLOBAL
READERS*

ADVERTISING RATES

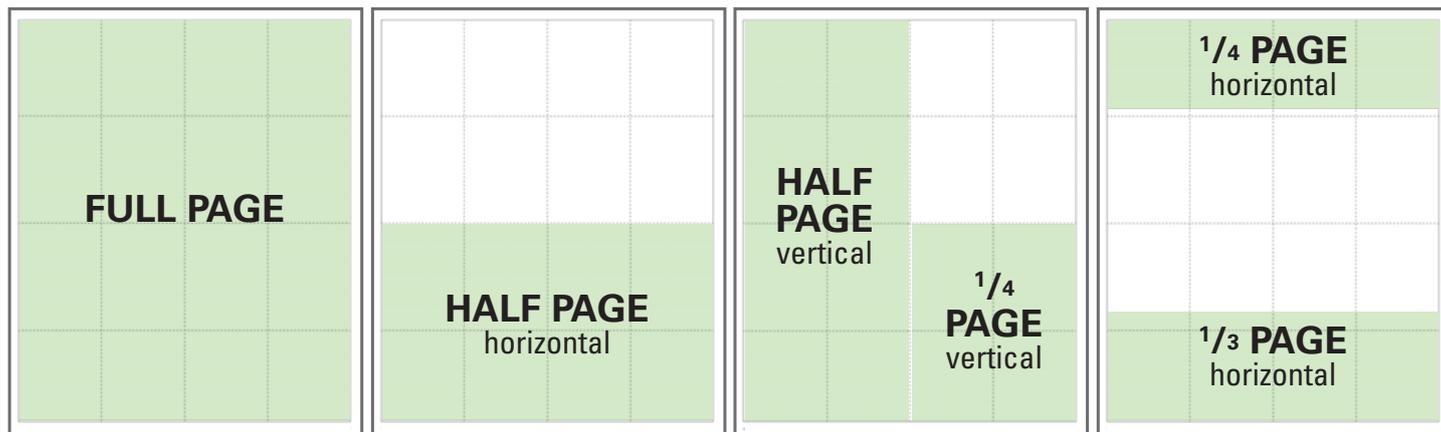
timber
& FORESTRY *e*NEWS

Now in its 11th 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.

It is read by timber merchants, wholesalers, sawmillers, wood processors, foresters, contractors, CEOs and members of national and state organisations and associations, builders, specifiers, architects, state and federal government ministers, officials, and regional government.

* 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

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

PAGE 3 Column strip: Contract booking

Vertical • 254mmH x 44.5mmW

COMPANY PROFILE full page: \$485

JOB SEEK AD RATES

PER EMPLOYMENT AD: \$210

with FREE company logo

All prices quoted are per issue, exclude GST and are based on artwork being supplied.

ARTWORK RATES

Contact: zonya@creativebirddesign.com for a quote

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. However, we have a minimum 4 week booking policy for display ads. Job seek ads can be placed on a weekly basis.

DEADLINES

Display ads: Book by 10am Tuesday prior to publication

Supply artwork: Wednesday 12 noon prior to publication. jpg or pdf to our specifications with no crop marks or bleed.

Job seek ad content: Book and supply text copy by 4pm Wednesday prior to publication

TERMS

New clients invoiced on booking. Existing clients 14 days.

WHO TO CONTACT

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

Accounts: e: johnh@timberandforestryenews.com | **Free subscription:** www.timberandforestryenews.com