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COVER STORY P4



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# Heritage hardwood 'saved' as solid foundation for \$110m wharf project

## 700 tonnes of timber restored, graded and precision-profiled

JIM BOWDEN

A WOOD salvage and recycled timber expert may have saved many tonnes of 'heritage hardwoods' from a land-fill grave in Brisbane.

Michael Kennedy, founder and CEO of Kennedys Classic Aged Timbers at Narangba, north of Brisbane, was consulted on the \$100 million re-development of the derelict Howard Smith Wharves, which were built at Kangaroo Point in the early 1930s.

One suggestion had been to scrap the timbers, but the intervention of Michael Kennedy saw the old hardwoods restored, graded, precision-profiled and returned as the foundation for the 3.4 ha river-side development – an eclectic mix of restaurants, cafes, a five-star hotel, parkland and public exhibition space – on schedule for completion in December.

Seven semi-trailer loads of timber weighing about 700 tonnes were moved



*Artist's impression of the Howard Smith Wharves revitalisation project in Brisbane.*

to Kennedy's factory 35 km north of Brisbane for cataloging, species identification and grading to

**“ MULTIPLE USES FOR TIMBER THROUGHOUT STAGES OF DEVELOPMENT ”**

industry standards.

"The heavy, thick timbers brought from southern Queensland sawmills more than 80 years ago include magnificent specimens of red ironbark (*Eucalyptus sideroxylon*), grey ironbark (*Eucalyptus paniculata*) and tallowwood (*Eucalyptus microcorys*)," Mr Kennedy said.

"Working with the wharf owners and architects, we came up with multiple uses for the timber throughout the development.

"And what a relief that this glorious wood from native forests planted before the turn of the 20th century are in use again in all their pristine glory."

*Cont P 3*



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From P 2

Mr Kennedy remarked that the recycling of the many tonnes of old timbers from condemned bridges, wharves, railway sleepers, mine shafts and the like represented a lot of wood that wouldn't have to be cut from today's standing native forests.

Long mooted and at times controversial, the Howard Smith Wharves project will feature a mottled facade of natural tones and textures, chosen to blend in with the cliff face behind and to keep the iconic, steel cantilever bridge as the main focus.

The wharves were built from 1934 in conjunction with the construction of the Story Bridge, a project partly driven by the need to provide relief employment at the height of the 1930s depression.

Woods Bagot is the architect of the overall precinct, which will feature a 1500 sq m exhibition space intended to host cultural and food festivals, an octagon-shaped bar suspended beneath the bridge named Overwater Bar and the adaptive reuse of two existing heritage buildings which will house high-end hospitality offerings.

More than 80% of the site will be dedicated to public space, including pedestrian



*Put back into good use... Michael Kennedy and cabinet maker Peter Boovey prepare red ironbark planks for amimation at the Narangba factory.*

and cycling connections and parkland.

Out of use since the 1960s, the wharves are one of the last undeveloped riverside patches in Brisbane.

A proposal was first put forward for the rehabilitation of the area in 2009 by Liberal National premier Campbell Newman, but the plans were shelved following backlash around the building's height and the risk of flooding.

The City of Brisbane resurrected the concept in 2013, with Lord Mayor Graham Quirk arguing that the project would be

designed to withstand one-in-100-year flood events.

Following an evaluation process, developer HSW Nominees was named as the council's preferred candidate in 2014, and its development application was approved by council in December 2015.

A focus of the project, according to HSW Nominees, is to respect the significance of the site.

Along with the incorporation of heritage buildings, a number of design elements aim to capture the site's history as a working wharf.

## PM's business breakfast flavoured with wood

NEW PM Scott Morrison tuned into a message about sustainable wood products during a business breakfast meeting yesterday in Redcliffe, a Brisbane residential suburb on Moreton Bay.

Michael Kennedy, CEO of Kennedy's Timbers (pictured with the PM), joined more than 100 local businesses at



the meeting organised by local federal member Luke Howarth.

"We talked about the environmental properties of

wood and the message that the National Forest Plan would deliver in Canberra next week," Mr Kennedy said.

"The PM spoke to the meeting about his recent visit to Indonesia and a meeting with the Indonesian president, who he said was a former woodworker with a forestry degree."



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# Timberlink's new \$100m upgrade reflects industry's strong recovery

## Investment lifts production capacity by 15pc, secures 1350 jobs

PROGRESSIVE plantation grower and wood processor Timberlink has approved a \$100 million upgrade program to its Australian sawmills.

This generational investment will see the total processing capacity of the Australasian sawmilling company increase by more than 15%. The investment will secure over 1350 direct and indirect jobs in regional Australia for years to come while supporting the residential housing sector with increased timber supply.

Chairman and CEO of investment management firm New Forests David Brand



*David Brand... a substantial re-investment.*



*Ian Tyson... securing long-term future.*

expressed his support for the mill upgrade program.

"This is a substantial re-investment in the Timberlink mill facilities and continues to demonstrate

the strong recovery of the Australian forestry sector under institutional investor ownership," Mr Brand said.

"Timberlink has become a leading wood products business, and I expect it will continue to innovate and grow, creating new manufacturing jobs in regional areas. A total of 290 additional jobs are anticipated during the construction phase of the \$100 million program.



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**“ TARPEENA TO INSTALL COMLETELY NEW SAW LINE**

In Tarpeena, SA, the investment will lead to the installation of a completely new saw line, stacker and edger, all with the latest leading-edge technology, coupled with additional contraflow and batch kilns for drying timber. Major site infrastructure changes including upgrades to roads and storage facilities will also be undertaken.

At Timberlink's Bell Bay

site in Tasmania, new planer mill equipment will be installed along with a state-of-the-art contraflow kiln. Site infrastructure will be improved, including a new internal road system designed to improve safety outcomes and support the increase in site activity.

The \$100 million investment program will take place in stages over the next three years and will build on previous capex investments that have taken place in both mills over the past five years.

Timberlink will continue discussions with the Tasmanian, South Australian and federal governments, seeking their funding support for further enhancements related to these business expansion programs

"This is a great day for Australian manufacturing," remarked Timberlink CEO Ian Tyson.

"We are ensuring that all aspects of the business are internationally competitive to secure our long-term future, and this significant investment will secure Timberlink's position as one of Australasia's leading softwood sawmillers."

"Our integrated business model allows us to optimise and guarantee our supply from the forest all the way to the customer's door, and at its core, this program is about increasing and securing that supply of timber."

Mr Tyson said the new capital also enabled the



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From P 4

ongoing investment in training and upskilling of Timberlink's employees. With 87% of the workforce living in regional areas, these investments build stronger local economies to support regional communities.

Due to careful planning, the sawmills will be able to continue to operate normally during the building process. This will ensure that the supply of timber to customers will continue as usual.

**“A GREAT DAY FOR AUSTRALIAN MANUFACTURING**



**Transformation... investment at Tarpeena will see major site infrastructure changes including upgrades to roads and storage facilities.**

Since Timberlink's launch in 2013, \$15 million has already been invested to increase capacity.

**On the cover: Tarpeena make-over... investment will lead to installation of completely new processing and log-handling machinery.**

## Free forest certification for SMEs in Indonesia

THE Indonesia government continues with its efforts to boost wood product exports.

One thrust of this is to support small and medium-sized enterprises in securing timber legality certification through the SVLK.

Specifically, the government has simplified SVLK certification and allows extension of the validity period. It also subsidises certification fees, with the ultimate aim to make SVLK certification free for SMEs.

The Ministry of Environment and Forestry has indicated it will support SVLK certification for 346 industrial small and medium industries and certification for more than 3500 community forest units.

In related news, the ministry is encouraging SMEs to export directly rather than use the services of brokers to increase profits. It says SMEs need to be encouraged to raise competitiveness in the international market so they are better able to survive market volatility.

Indonesia's wood product exports totalled \$US8.06 billion in the first eight exports in first eight months this year.

The government is optimistic the export target of \$US12 billion is achievable. The good performance is due to competitive pricing, good designs and products that are verified legal.

Meanwhile, a government plan to restrict imports of some items could bring advantages to local manufacturers of paper and

wood products. Indonesia is targeting around 500 commodities which, in the face of a weaker rupiah and global trade volatility, is an appropriate move. Also, the Ministry of Finance is preparing, in cooperation with the taxation directorate general, the customs and excise directorate general and the fiscal policy agency a draft regulation to curb imports in response to rise in the country's current account deficit. (ITTO).

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# Canberra seminar takes a walk through ANU mass timber site

MASS timber in the form of CLT and glulam has finally come to Canberra, with the recent Union Court redevelopment project at the Australian National University campus.

The project includes a 450-bed student accommodation and 7000 sq m teaching building.

Architects and design professionals will have the opportunity to join a guided walk of the construction at the ANU site next week during a mass timber building seminar organised by WoodSolutions.

Lendlease DesignMake, the designer and fabricator of the engineered timber structures, will detail design and construction methods.



**Andrew Dunn... standards update.**



**Andrew Smith... construction tour.**



**Sean Bull... CLT design overview.**



**Andreas Luzzi... mould/fire solutions.**

Other speakers will discuss mass timber use, CLT and fire rating of timber.

The half-day seminar on September 13 is a 'must' for all building and design professionals including architects, engineers, building designers, certifiers, developers, builders,

regulators and educators.

Seminar speakers include Andrew Smith, building development manager, Lendlease; Sean Bull, technical sales engineer, XLam (CLT design and fabrication insight); Dr Andreas Luzzi, CEO, Laros Technologies (mould and fire – destructive forces and solutions for mass timber); and Andrew Dunn, CEO, Timber Development Association (calculating timber charring rates and AS1720.4 update).

The seminar is free for all design and building professionals. Venue: ANU's Engineering Theatre (ENGN T), Engineering Building (#32), Acton, Canberra. Time: 12.15 pm for 12.30 pm-5 pm.

Contact Mariela on (02) 8920 0446 or email [info@tdansw.asn.au](mailto:info@tdansw.asn.au)

Meanwhile, the interest of designers and builders in Europe is focused on a 5000-home Swedish plan to build a wing of mass timber

skyscrapers in Stockholm.

The city's Centre Party has selected Anders Berensson Architects to design a neighbourhood in the central dock area that will include 31 cross-laminated timber towers.

The new Masthamnen district will be divided into two main parts: the lower dock level, consisting of 19 blocks containing 2500 apartments, 60,000 sq m of office space and 90 shops and restaurants; and skyscraper city with 31 narrow wooden towers to the lower block, each with 25-35 floors, containing 3000 apartments and 30 shops and restaurants.

Public parks will be created on the roofs of the lower block city, which will be connected by bridges.

Anders Berensson Architects commented on its website that the low carbon content of wood made it the obvious choice of material for the development.



## \$4 million research funding investment to boost sustainability, jobs and economic benefits in partnership with industry

With the support of the Australian and South Australian governments, the Mt Gambier hub of the National Institute for Forest Products Innovation has up to \$4 million available for research grants to grow the future of forestry. Research projects could include: developing new products in relation to composites, extractives and bioenergy; improving workplace innovation, safety and efficiency; enhancing tree growing including forest health and genetic gain; maximising precision management and applying new technologies; improving the forestry social licence; and identifying opportunities with robotics, automation and artificial intelligence. Individual research grants will range from \$50,000-\$500,000 and will be for periods of up to three years in duration. Funding proposals close on Friday 7 September 2018 and should be lodged via email to [funding.sa@nifpi.org.au](mailto:funding.sa@nifpi.org.au). For further information, including a proposal template and briefing document, see [www.nifpi.org.au](http://www.nifpi.org.au)

**About us** The Mt Gambier hub of the National Institute for Forest Products Innovation is a joint venture between the Australian Government, the South Australian Government and the forest and wood products industry with the goal of growing forestry into the future.



**Artist's impression... the Union Court pre-development project at the ANU campus.**

**SEPTEMBER****11-12: FIEA WoodTech 2018**

– Melbourne, Australia.

**18-19: FIEA Woodech 2018**

– Rotorua, NZ.

Drymill scanning, wood machining, timber manufacturing. Visit [www.woodtech.events](http://www.woodtech.events)

**20: 2018 NZ Wood Resene Timber Design Awards Gala Presentation Dinner**

– Grand Millennium Hotel, 71 Mayoral Drive, Auckland, New Zealand. Event to reward practitioners who have surpassed the 'everyday' with their professional skill and ability to deliver excellence to their clients. For further information and to book see: [www.eventbrite.co.nz/e/nz-wood-resene-timber-design-gala-awards-dinner-2018](http://www.eventbrite.co.nz/e/nz-wood-resene-timber-design-gala-awards-dinner-2018)

**OCTOBER****1-3: 2018 DANA NZ Forest-Wood Processing Conference & Optional Field Trip – Wairakei Resort, Taupo.**

Theme: 'Does the NZ industry have to be world class to

compete in the world?' One-and-half day conference, followed by one-and-half field trip with nine Central North Island industry and industry-related site visits. Pre-conference afternoon / dinner cruise on Lake Taupo. Contact Julie Bell [admin@dana.co.nz](mailto:admin@dana.co.nz) or visit [www.danaevents.co.nz/2018taupo/](http://www.danaevents.co.nz/2018taupo/)

**9-10: Private Forestry Service Qld's forest management workshop – Tony Salisbury's property at Rathdowney in southeast Queensland.**

9am-3pm. Contact Bronwyn Lloyd on (07) 5483 6535 or email [pfsq@bigpond.com](mailto:pfsq@bigpond.com)

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

One-and-half day conference, one-and-half day field trip. Contact Julie Bell [admin@dana.co.nz](mailto:admin@dana.co.nz) or [www.danaevents.co.nz/2018tas/](http://www.danaevents.co.nz/2018tas/)

**13: Gala Queensland Timber Industry Awards evening**

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

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

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



**dinner – Hyatt Regency Hotel, Sydney.** Contact (02) 9277 3100 or visit [www.tabma.com.au](http://www.tabma.com.au)

**26: Green Triangle Timber Industry Awards – The Barn, Mount Gambier.** Nominations close 17 August, Green Triangle Timber Industry Awards dinner 26 October. For further information contact Prue Younger, event manager +64 (21) 2765484. For more information visit [www.gttia.com](http://www.gttia.com)

**NOVEMBER****4-5: FIEA ForestTech 2018**

– Rotorua, NZ.

**20-21: FIEA ForestTech 2018**

– Melbourne, Australia.

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**SEPTEMBER****4-6: 8th World Congress on Biofuels and Bioenergy – Zurich, Switzerland.**

For further information see: [www.biofuels-bioenergy.conferenceseries.com/Europe](http://www.biofuels-bioenergy.conferenceseries.com/Europe)

**6-8: 15th Annual Global Buyers Mission – Whistler, BC, Canada BC.**

Wood event to find new sources of high quality, competitively priced Canadian wood products, while reconnecting with current suppliers and socializing with peers. Contact: Brian Hawrysh CEO, BC Wood at [bhawrysh@bcwood.com](mailto:bhawrysh@bcwood.com) or call 1-604-882-7100. To register, request your access code from [gbm@bcwood.com](mailto:gbm@bcwood.com)

**16-17: 8th China Global Wood Trade Conference and Tour – Chongqing, China.**

FEA Canada and China Timber & Wood Products Distribution Association. This will be the fourth joint-conference that both groups have been collaborated. The 2018 event s expected to set record attendance levels. See: [www.woodmarkets.com/conference/conferences-china/2018-china-global-wood-trade-conference/](http://www.woodmarkets.com/conference/conferences-china/2018-china-global-wood-trade-conference/)

**17-21: RISI Tenth International Woodfibre****Trade Conference – Durban, South Africa.**

See: [www.events.risiinfo.com/wood-fiber/](http://www.events.risiinfo.com/wood-fiber/)  
Email: [conferences@risi.com](mailto:conferences@risi.com), Tel: + 866.271.8525, + 32.2.536.0748

**17-21: Managing Eucalyptus plantations under global changes – Le Corum, Montpellier, France IUFRO.**

Improving resource use efficiency in eucalypt plantations. See: [www.iufro.org](http://www.iufro.org) and [www.cirad.fr](http://www.cirad.fr)

**25-26: FSC Asia Pacific Business Forum 2018 – Mumbai, India.**

Email: [info@au.fsc.org](mailto:info@au.fsc.org)

**26-27: St. Petersburg International Forestry Forum – Saint Petersburg, USA.**

This event will showcase complex forest products and growth potential; how to gain profit in terms of political crisis; overview of government incentives for the industry. And laws on timber recording and timber-related trading. For further information see: [www.10times.com/regions-russia-forestry-complex-potential](http://www.10times.com/regions-russia-forestry-complex-potential)

**OCTOBER****18-20: Timber Legality Research Symposium – University of Copenhagen, Copenhagen, Denmark.**

To be held in association with the Forests & Livelihoods: Assessment, Research, and Engagement network. See: [www.globaltimbertrackingnetwork.org/event/timber-legality-research-symposium](http://www.globaltimbertrackingnetwork.org/event/timber-legality-research-symposium)  
Email: [cph@ifro.ku.dk](mailto:cph@ifro.ku.dk)

**23-27: 4th International Congress on Planted Forests – Nanning, Guangxi, China.**

Congress aims to investigate the contribution of planted forests to green development in the context of global changes. Topics will include the sustainability of planted forests in the context of changing climates and the future role of planted forests in bio-resources sustainability, environmental protection and green development.

See: [www.efiatlantic.ifi.int/portal/events/](http://www.efiatlantic.ifi.int/portal/events/)  
Email: [christophe.orazio@ifi.int](mailto:christophe.orazio@ifi.int)

**NOVEMBER****5-10: 54th Session of the International Tropical Timber Council and Sessions of the Associated Committees – Yokohama, Kanagawa, Japan.**

ITTO Secretariat. See: [www.itto.int/workshop\\_detail](http://www.itto.int/workshop_detail)  
Email: [itto@itto.int](mailto:itto@itto.int)  
Tel: +81-45-223-1110

**12-17: 2nd DANA 2-day****Central America and Andes Forestry Sector**

**Investment Conference – Cancun Mexico.** With 2-day optional pre-conference field trip to teak and eucalyptus plantations; a large modern MDF mill in Villahermosa region; and a 2- day optional post-conference tour to Mayan archaeological and recreational sites. For further information: [www.danaevents.co.nz/2018mexico/](http://www.danaevents.co.nz/2018mexico/)

**12-18: XI International Workshop on Uneven-aged Silviculture: Challenges for increasing adaptability**

**– Valdivia, Chile.** Uneven-aged silviculture is attracting increased interest due to its positive effects upon carbon sequestration, biodiversity, landscapes, and in its ability to provide a range of goods and services from managed forest ecosystems. Do uneven-aged forests have better options for adaptation to these future changes?

See: [www.uas.uach.cl/2018](http://www.uas.uach.cl/2018)  
Email: [pdonoso@uach.cl](mailto:pdonoso@uach.cl)

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

# 8 wheels done right...

## Komatsu 931XC

# Growing again: investment, jobs sprout in Tasmanian forest sector

THE Tasmanian forest industry is on an even keel after several challenging years, with a new report showing employment and spending have stabilised after a period of decline, and are growing in some parts of the industry.

According to the report 'Socio-economic impacts of the forest industry – Tasmania' funded by Forest and Wood Products Australia and the federal government's Department of Agriculture and Water Resources, a total of 5727 jobs were generated by the industry as of 2017–18, including 3076 direct jobs and 2651 in other industries due to flow-on effects.

The forest industry directly contributed more than \$700 million to the value of Tasmanian output during the last financial year, increasing to \$1,277 million once flow-on effects to other industries were included.

The research was conducted by the University of Canberra, in conjunction with consultancy EconSearch, a division of BDO Advisory.

Lead researcher Associate Professor Jacki Schirmer explained the key findings.

"Rapid decline in employment from 2008 has stopped, with job numbers stabilising post-2013. The overall stabilisation is due to two different trends, namely the decline in native forest dependent jobs during this period being offset by growth in jobs in harvesting and woodchipping of hardwood plantations.

"The forest industry



*Challenging years, but... jobs growth in Tasmanian forest industry brings confidence.*

remains important to many Tasmanian communities and it's positive to see it recovering. However, growth will only continue for the longer term if there is investment in more downstream processing."

The new report also reveals 41% of jobs depend on native forest, 33% on softwood plantations and 26% on the growing hardwood plantation sector. Jobs are located around the state, with 38.6% located in the southern region, 37.4% in the northern region and 24.0% in the Cradle Coast.

**“BUSINESSES OPTIMISTIC ABOUT FUTURE DEMAND”**

Across Tasmania, the areas with the highest reliance on the forest industry for employment were Dorset with 9.3% of workers directly employed in the forest industry, Circular Head with 6.6%, Derwent Valley with 6.5%, George Town with 6% and the Central

in the industry working full-time in 2016, compared to 60% of the broader workforce in Tasmania.

While challenges were also reported in parts of the industry, including difficulty recruiting some types of workers, Assoc. Prof. Schirmer said businesses were reasonably optimistic about future demand for forest products.

"Just over half of forest industry businesses (55%) felt demand for their goods or services would grow in the next 12 months, and the remainder (45%) felt it would remain about the same. No businesses felt demand would reduce."

## The united voice for Australia's forest industries



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# Supply-demand balance, likely future wood shortage on agenda

## DANA Launceston conference covers key industry issues

THE scale of the looming and possibly semi-permanent shortage of pine resources to service the Australian building and construction sector will be tackled by veteran commentator and long-time senior industry executive Peter Zed at the DANA forest and wood products conference in Launceston next month.

Australia has been trying to navigate the complexity associated with the supply and demand balance for wood products for over a decade now.

Key drivers that will determine the outcome are the population trends, the makeup of households, the shifting demand for various dwelling construction types, the building materials used in their construction, the availability and type of log resources, the price of logs, the domestic price of building materials and the international price of wood products.

"Failure to effectively manage the dimension and connectivity of all of these



George Goroyias



Peter Zed



Andrew Jacobs



Andrew Crip

factors will result in a sub-optimal outcome for the industry in the longer run and a potentially increasing loss of markets to competing interests," Mr Zed says.

John Halkett, general manager, Australian Timber Importers Federation, will outline where future imported sawn timber supplies might be sourced to compensate.

Mr Zed, who has worked in the timber industry for more than 40 years, manages his own Melbourne-based business Omega Consulting. His involvement has ranged from plantation development to forest product manufacturing in roles as

diverse as R&D scientist to chief executive.

The conference and field trip in and around Launceston from October 9 to 11 is shaping up to better the eight previous DANA-organised conferences in Australia.

Several major 'topics of the day' will be addressed by 21 speakers and panellists over 1½ days, followed by a 1½-day field trip to hardwood plantations, log and woodchip

production mills and export ports, with visits to major softwood and a hardwood sawmills.

DANA director Dennis Neilson says the Day 1 conference keynote speaker, likely to be a very high profile industry person is "in progress", while the Day 2 keynote will be London-based Dr George Goroyias, senior principle at Poyry Management Consulting.

Dr Goroyias will speak on a new way to forecast log prices, and to enable better forest asset and industrial investment decisions.

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**“ KEY DRIVERS DETERMINE DEMAND FOR BUILDING PRODUCTS**



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From P 10

The chairman of the Australian Forest Products Association Greg McCormack will also be an early speaker on Day 1.

Along with Dr Goroyias, DANA has secured two other senior speakers on domestic and international forestry investment issues – Carrie Follas of the law firm Johnson Winter & Slattery, and Michael Barbara of the huge Australian-based institutional investor New Forests.

Forestry topics covered also include genetic research into eucalyptus by Forico research manager Dr Andrew Jacobs, and the potential of woody biomass industrial options by Col Stuckey of Enecon.

The looming imbalance of Australian hardwood plantation resources to meet burgeoning Asia-Pacific woodchip demand in the light of supply challenges elsewhere will be handled by Andrew Morton of Indufor Australia, and DANA director Dennis Neilson.



**Shane Vicary**



**Sam Rowe**



**Simon Dorries**



**John Halkett**

Neilson will have just returned from the International Wood Fibre Trade conference in Durban in mid-September.

The session panel might include one of the most experienced North Asian woodchip import experts.

The status and future predictions of Chinese softwood and hardwood log import trends will be addressed by Australian expat China-based Andrew Crisp of

**“ASIA-PACIFIC WOODCHIP DEMAND CHALLENGES”**

Poyry China.

Solid wood processing topics are very well represented with presentations by Shane Vicary, CEO of AKD, and Glen Britton of Britton Timber.

An engineered wood sessions will include speakers on new softwood (XLam) and hardwood CLTP (Burnie) CLT plants being commissioned in Australia.

A presentation of new solidwood use developments in Europe by the Hundegger Australia manager Sam Rowe will round out very solid and

informative wood processing session.

Simon Dorries, CEO, Responsible Wood, will address the conference on the important topic of standards and certification for wood products as the scope of engineered products in the building sector continues to expand.

Registration details, conference program, field trip, sponsorship options and other information are available at [www.danaevents.co.nz/2018tas/](http://www.danaevents.co.nz/2018tas/)

(See notice, Page 14)

## Civic centre building signals timber industry revival in WA

A TINY wheat belt town has received the keys to the biggest civic timber construction in Western Australia in nearly 80 years, as the state's timber industry shows signs of revival.

The Shire of Pingelly has built its new recreation and cultural centre entirely out of timber — and the result is without a modern-day rival.

Not since the Merredin aircraft hangars of World War 2 has any public organisation built with timber on such a large scale.

Shire president Bill Mulroney said cost estimates for the timber design of

the new centre, built in just over a year at a cost of \$9.1 million, came in around the same as brickwork.

"We decided we would have something really good, and we went for timber ... the timber will give it a longer life and make it better looking than bricks and mortar, which can age over years," he said.

About 1000 tonnes of yellow stringy bark, sourced from a plantation near Manjimup, created the walls, floor and decking, with the structural timber imported from New Zealand and constructed by Sime Building and Construction.

(ABC News)

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# Erin's passion for sustainable forests earns 2018 Prince of Wales Award

PROJECT forester and chair of the Future Foresters Initiative Erin Hodgson has won the 2018 Prince of Wales Award for Sustainable Forestry.

The award, which is also presented in New Zealand, recognises the achievements of outstanding young forest professionals in both countries.

Congratulating Erin, the vice-president of the Institute of Foresters of Australia Rob de Fégeley said Prince Charles had a well-known passion for forests and natural production systems, a passion he shared with this year's winner Erin Hodgson.

Erin completed a Bachelor of Horticulture and Masters of Forest Ecosystem Science

degree at the University of Melbourne.

As part of her studies, Erin travelled to Europe for a six-month exchange to the Swedish University of Agricultural Sciences where she learned about European silvicultural systems and management.

Since completing her Master's degree, Erin has been working as a projects forester with PF Olsen Australia, based in Melbourne. She is chair of IFA's Future Foresters Initiative and a director of IFA.

Mr de Fégeley said: "Erin has already made outstanding contributions to forest professionalism, most particularly through her



**Forestry leadership... IFA vice-president Rob de Fégeley presents the award to Erin Hodgson.**

leadership and participation in the Future Foresters Initiative which provides support to students and early career professionals through mentoring, training, networking and other social and professional development

activities.

"His Royal Highness wants to encourage greater awareness of the importance of sustainably managing the world's forests and training and creating a network of young foresters who will manage them professionally.

"It is critically important that we continue to train professional forest managers who have the broad range of skills that early foresters were trained for to manage our forests for production or conservation purposes.

"To rely on people with only specialist skills such as ecologists or botanists would be like trying to manage our health system without general practitioners."

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# Sounds like a plan: Colbeck to address dinner in Canberra



*Announcement... Senator Richard Colbeck to launch National Forest Industries Plan.*

NEW Assistant Minister for Agriculture and Water Resources Senator Richard Colbeck is confirmed to address the National Forest Industries Plan launch dinner at the National Press Club in Canberra next Wednesday.

Former Prime Minister Malcolm Turnbull announced the development of the comprehensive plan to support the future growth and sustainability of the industry at an AFPA dinner in Canberra 12 months ago on the same day – September 12.

Addressing a gathering of some 500 forest industry leaders, Mr Turnbull said the federal government was committed to the plan.

“The new government plan will give the vision and certainty you need,” he told dinner guests. “We are committed to developing this industry as a growth engine for regional Australia.”

AFPA chair Greg McCormack has enthusiastically welcomed

the development of the plan, the launch of which will be Senator Colbeck’s first major forest industry assignment since he was returned as the minister responsible for forests in the new Morrison government.

“The guiding policy documents used by government to frame responses to our industries were both delivered last century: the 1992 National Forest Policy Statement and the 1997 Plantations Vision 2020 plan,” Mr McCormack said.

“Our industries have changed dramatically since then,” he said, “and it is vital the government and departments also update their approach.”

The Forest Industries Plan is expected to outline actions to support the industry to establish new plantations, increase investment and grasp opportunities in the emerging bio-economy to turbo-charge regional job creation and economic development.

## Tickets On Sale Now... Only 2 Weeks to Go!

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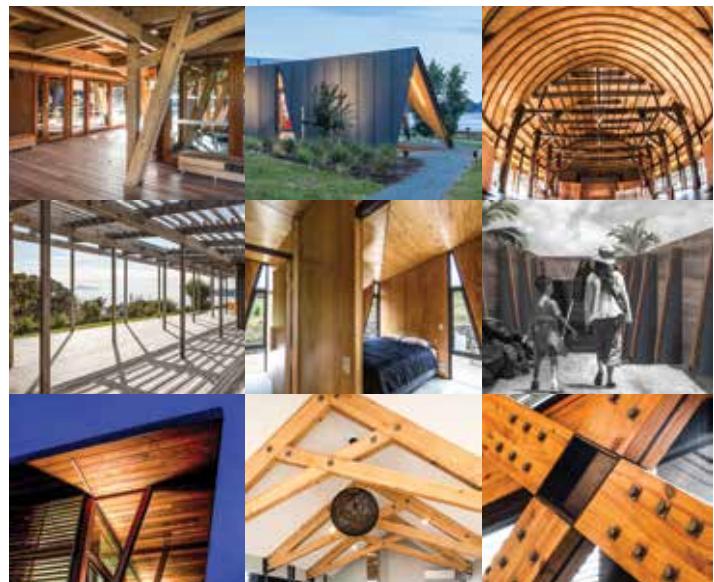
## Gala Presentation Dinner

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Tickets on sale now! [Click here](#)**

**To view the full list of 2018 finalists: [Click here](#)**

**Tickets sold out fast for 2017!**



[www.nzwood.co.nz](http://www.nzwood.co.nz)

# First Marshall Budget delivers key election promise on forests

## More than \$8.5m allocated to industry in South Australia

THE Australian Forest Products Association SA Branch has welcomed the forest industries measures announced in this week's South Australian State Budget.

"It's great to see that the government has heeded our advice given during the state election campaign earlier in the year that it will deliver a Forest Industries Advisory Council (FIAC)," AFPA branch manager, Leon Rademeyer said.

"This effectively means there will be a formal body of industry stakeholders to advise the Minister for Primary Industries on how to develop the forest products sector and presumably how to deliver



**Leon Rademeyer... better policies in place for forestry.**



**Tim Whetstone... SA Minister for Primary Industries.**

on the election commitments made to our industry," Mr Rademeyer said.

More than \$8.5 million has been allocated for forestry in the budget with other SA government targets for 2018, including the completion of

the South East Forestry Partnerships Program projects to improve the productivity and sustainability of industry in the southeast, and the

monitoring of compliance with contractual requirements of the forward sale of the government's Green Triangle plantation harvesting rights.

"We also note the nearly \$15 million that has been allocated over two years for

the Penola bypass to allow heavy vehicles to bypass the town's main street," Mr Rademeyer said.

"We look forward to continuing to work with the state government and the Minister for Primary Industries Tim Whetstone to get better policies in place for our industries, and especially realising the government's election commitment of assisting us to double domestic timber manufacturing by 2050."

Mr Rademeyer was appointed to his AFPA role in July. Most recently, he was chief of staff at the Border Watch.

## Conference & Field Trip | DANA 2018 AUSTRALIA Conference & Field Trip

09–12 October 2018 | HOTEL GRAND CHANCELLOR | LAUNCESTON | TASMANIA | AUSTRALIA

### Conference: 1½ Days | 17 presentations & panels:

- Forest sector & a forest investment scorecard debate, a new forest valuation model, future log supplies (shortages looming? And if so, how big?), log & wood chip exports, & Asian wood markets
- Two major new wood panel projects, two sawmilling case studies, the future of timber treatment standards, forest & biomass energy research & development, & new international solid wood engineering applications

### Field Trip: 1½ Days | site visits including:

- Forestry plantations, sawmills, wood chip mills, log & wood chip export ports, & Moores Hill Winery

Post-Conference Event: 1 Day | HydroWood (underwater harvesting), Lake Pieman



International Forest Industry Advisors

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**Mark Footer, Footersville Structural Timber Solutions**

**”**



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# Softwood imports reach new peak: 747,645 cub m – a 32.7pc increase

## Domestic capacity constrained while demand remains strong

IMPORTS of sawn softwood rose to a new peak over the year-ended June 2018, totalling 747,645 cub m – up a massive 32.7% on the prior year, despite strong rises in average import prices.

**CLOSURE OF MORWELL HAS FUELED SHARP RISE IN IMPORTS**

In June itself, imports totalled 72,001 cub m, which was below the monthly peak but still a whopping 47.2% higher than in June 2017.

The rise in imports, shown



*On the rise... softwood timber imports rose to a new peak over the year-ended June 2018 despite strong rises in average import prices.*

in graphs 1 and 2, over the longer term, has come about because domestic capacity is constrained, while demand is very strong. In particular, the closure of the Morwell

sawmill has fuelled the sharp lift in imports of the first half of 2018.

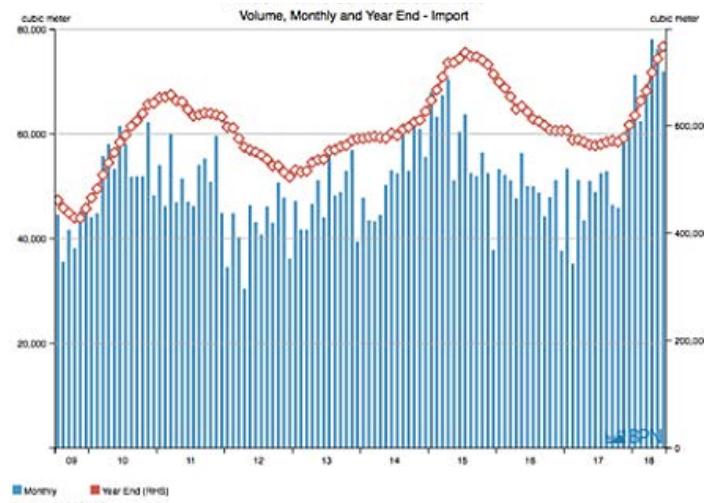
The chart demonstrates there is cyclical on both

an annual and an inter-annual basis in the import market for sawn softwood. However, the most significant point here is that the current rise in imports is obvious, at very high levels, and has a cyclical element to it.

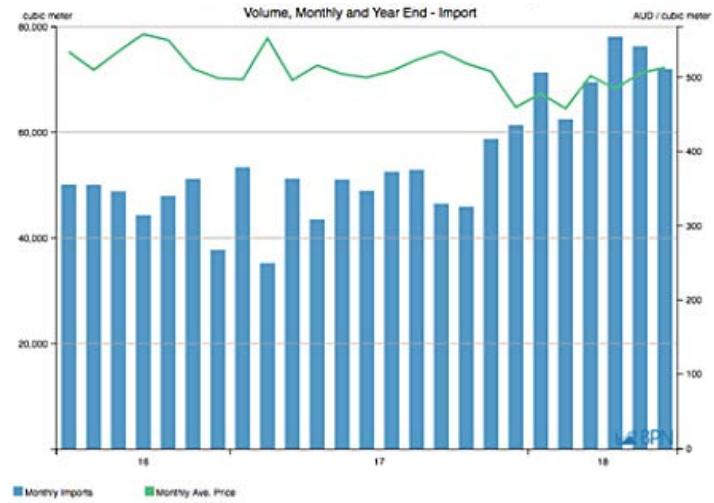
The second graph shows the same data over a shorter time period, but with the average price of sawn softwood also recorded. It shows that average price of aggregated sawn softwood products has risen over the last few months, but not to levels experienced earlier in the last two years.

(Adapted from FWPA Statistics Count)

### CONIFEROUS SAWNWOOD



### CONIFEROUS SAWNWOOD - M<sup>3</sup> & AUDFob/M<sup>3</sup>



## Truckies can rest easy with \$300m govt. commitment

THE federal government has announced a massive funding boost for roads and rest areas across Australia.

Deputy Prime Minister Michael McCormack said 93 projects would share in

a total of \$132.5 million of federal funding under Round 6 of the Heavy Vehicle Safety and Productivity Program.

The \$132.5 million commitment will be matched by local councils and state

and territory governments, for a total investment of more than \$300 million.

"This is a huge win for the ATA and our member associations," Australian Trucking Association CEO

Ben Maguire said. For a long time, we have campaigned for improved and more frequent rest areas, and it's extremely rewarding to have locked down such significant funding."

# Turning leaves of a ‘history book’ on a century of Qld forest research

WELL-regarded forester David Gough has completed an absorbing overview of timber research in Queensland, tracing 100 years of development.

The article, inspired by the DAF Salisbury research facility's centenary celebrations in April this year, has been published in the Australian Forest History Society's latest newsletter and is accessible through the link [www.foresthistor.org.au/newsletter/afhsnewsletter75.pdf](http://www.foresthistor.org.au/newsletter/afhsnewsletter75.pdf).

The Queensland Minister for Agricultural Industry Development and Fisheries Mark Furner remarked at the open day on April 18 that the Salisbury research centre, after 100 years, is the only such facility still operating in Australia.

David Gough has chronicled the formation of the branch and the various changes in its direction of inquiry over the years, to the highly successful operation it is today. It also includes short biographies of Norman William Jolly and Edward Howard Fulcher Swain, the first forestry-trained directors of the fledgling Forestry Branch of the Queensland Department of Public Lands.

The Forest Products Bureau, the title given by Swain to the officially formed timber research unit in 1918, had its genesis in the need to apply the principles of silviculture to sustainable management of the state forest reserves and other forested Crown lands.

These forests, although extremely well endowed with



**1/** At the Salisbury research facility's 100-year celebrations are David Gough, scientific forestry consultant, Brisbane, Ian Last, manager, plantation development and innovation, Forestry Plantations Queensland, and Dr Henri Ballieries, team leader, DAF Salisbury Research Facility.

**2/** Flashback... David Gough operates a strength-testing machine at Salisbury in 1972.



red cedar, hoop pine and kauri pine, were 'creamed' of these species, leaving a plethora of the 'lesser-known species', many of which were difficult to market.

Good silviculture of mixed forests requires that all species occurring in a stand be selectively logged, on the basis of their proportional representation.

In the 21st century this may sound improbable, but the first task of the Forest Products Bureau was to evaluate the timber properties of the lesser known species, develop uses for them and promote them to architects, builders, designers and markets both in Australia and abroad.

The newsletter is well written and easy to read.

As would be expected, it contains a fair amount of detail. But it's not all dry. For example, there is an insight into the Brisbane suburb of Salisbury which hosted a large military munitions complex during World War 2, and how Queensland

Forestry occupied a small corner of Salisbury soon after the war.

This small corner is now home to Forest Products Innovations, as the Queensland Department of Agriculture and Fisheries timber research branch is now known – a profound legacy of 100 years of dedication by research pioneers, both old and new.

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\* See Planet Ark report –  
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# They are typically long living and tall plants – but just what is a tree?

IN starting, I should have attempted to answer the obvious question about trees right at the outset – what is a tree?

I have now been asked this question, so I will try to answer it – not a straightforward task. Even the distinction between plant and animal is, after all, somewhat arbitrary and depends on the way an organism feeds itself.

Plants photosynthesise and animals eat other living beings.

I think most would agree that the basic features of trees are that they are typically tall and long living.

Yes – trees are simply plants that have learnt to grow high and live for a long time. They grow tall to compete with other trees – racing upward and spreading outward for sunlight and water.

Also important, but less obvious, trees grow from the top. Some other plants that may also be tall, such as bananas and some palms, grow from their base – that is from the ground. They are not trees. A tree usually has a rigid, woody, strong expanding trunk, or trunks, encased and protected by a layer of bark. Such trunks support crowns of branches, twigs and leaves.



2

Trees also have a complex root system acting both to anchor the tree to the ground and allow water and nutrients to be absorbed.

With the constant imperative of seeking resources from the sky and the soil, given sufficient time, a tree can become huge – they just keep on growing and growing.

Trees come in an amazing variety of forms from tall

*3/ African savannah, Serengeti, Tanzania acacia trees... their height and shapes determined by genetics and environment.*

*4/ Eucalypts... more than 700 species and known around the world as gum trees.*

genetic ‘blueprint’ and its environment.

It seems the first scientist to attempt estimating the monetary value of a tree was Professor T M Das of the University of Calcutta.

His paper, published in Indian Biologist, considered that the total weight, quality of timber, fruit or biomass amounted to about 0.3% of the real value of a tree.

Prof Das's system looked at a number of factors, one of which was oxygen production. The net accumulation of one gram of carbon in a tree was compared with the net production of 2.66 g of oxygen. This oxygen production was related to the weight of a tree, using a correction factor for the amount of leaf shed every year and the age of the tree. The oxygen was valued at the prevailing Indian market rate.

Prof Das subsequently reported that his work in the US with infra-red gas analysis gave more or less the same result of the net oxygen production of a tree.

Using his figures, with an adjustment for inflation, and conversion to Australian dollars, he estimated a medium-size tree produced about \$30,000 worth of oxygen over a period of 50 years.

## TALKING TREES



**With JOHN HALKETT**

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and narrow – as with many conifers – to the broad and spreading form of European oaks or African umbrella thorn trees.

A tree's height and shape is determined both by its



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# German-built Commodore fits perfectly into Aussie landscape

HERMAN, a driver for Weinig, was at Frankfurt Airport in his 1962 German-made Opel Rekord C, a gun-metal tourer he menacingly called his 'Black Widow'.

The model, Opel's first factory race car since the end of World War 2, was a favourite of Austrian Niki Lauda, one of greatest F1 drivers of all time.

Herman was no Lauda, but on the autobahn (no speed limits) he got the black widow up to 145 km/hour, pulling in to Wurzburg in less than 55 minutes.

At Wurzburg, about 120 km from Frankfurt, we took a more leisurely drive down the 'Romantic Road' to the Bavarian village of Tauberbischofsheim, the home of Michael Weinig AG, the famous manufacturer of solid wood processing machinery.

The visit was ahead of a delegation we guided in 2001 to Austria, Italy and Germany, finishing at Hannover for the giant LIGNA wood machinery fair.

So... the Opel. It was sold in 2017 by General Motors to the French PSA Group, manufacturers of Peugeot and Citroen. All home-grown Holden Commodores are now fully imported from Germany.

[The Commodore was manufactured in Australia from 1978 until production ended in 2017].

Every Commodore since 1978 has delivered its power to the rear-wheels. But the



the wheel.

Then there's autonomous emergency braking with pedestrian detection which kicks in if it senses a potential collision.

Beyond HoldenEye, Commodore's nifty 360 deg. camera, gives a wide view of what's going on around the car when reversing.

All the while, adaptive cruise control constantly scans the changing speed of vehicles in front of you – if the car in front stops, you'll do the same.

Collaborating closely with Aussie engineers, this latest generation Commodore is a glowing example of balance in styling. But the impressive looks don't come at the expense of driving prowess. Underpinning its striking shape is meticulous engineering and brutal testing, which gives perfect handling on Australian roads.

The RS-V sits in the middle of the all-new ZB Commodore line-up from Germany, with a list RRP price of \$46,990 (Liftback) and \$49,190 (Sportwagon).

Official combined fuel consumption is 8.9 L/100 km for the Liftback, or 9.1 for the Sportwagon. The V6 delivers best on regular 91RON unleaded.

As Holden says: "This is a Commodore like no other. Turning heads and shifting attitudes, this masterpiece of automotive engineering is set to move you in more ways than ever."

So, Mr GM, we're ready now for the Calais-V Tourer V6 AWD.

Please RS-V-P soonest.



**1/ Holden's Commodore RS-V... masterpiece of automotive engineering.**

**2/ Inside the RS-V... leather steering wheel, eight-way power driver Seat and 60/40 split-folding rear seats.**

new generation car gives front wheel drive or an adaptive all-wheel drive system – two big 'firsts' for Commodore – and the choice of four-cylinder or V6, which means there will be no V8 in Holden showrooms for the first time since 1968.

Either way, the 2018 sports-flavoured 3.6-litre V6 Commodore RS-V we enjoyed gave the smoothest performance.

An adaptive AWD system utilises a twin clutch concept; one clutch controls torque to the right rear wheel independent of the clutch controlling torque to the left rear wheel – each with an individual clutch capacity of 1500 Nm. The system monitors inputs from vehicle



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sensors up to 100 times a second.

Flanking a distinctive grille, adaptive LED matrix headlamps shift light towards wherever you're turning, giving even greater visibility. The intuitive high-beams automatically switch off the individual parts of the beams that would otherwise be directed at oncoming drivers.

Holden's 'lane keep assist' does just that, keeping you on the straight and narrow, while 'advanced park assist' means you can park without touching

**“RS-V TURNING HEADS AND SHIFTING ATTITUDES”**

## JOB SEEK

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The Tigercat machine population in Australia has seen phenomenal growth in the past three years thanks largely to excellent sales and support efforts by our local dealer Onetrak. The time has come for Tigercat to make a further commitment to Onetrak and our Australian customer base by having further direct factory representation present in the country on a daily basis.

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**JOB PURPOSE:** Provide passionate technical support services for Tigercat Products, in conjunction with our Dealer and Customers.

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- Implement root cause analysis and effective corrective action
- Assist with field testing and modifications to prototype Tigercat Products
- Coordinate delivery/installation of replacement of parts for Tigercat Products as may be required to complement Dealer efforts
- Provide feedback on field visits to end users to determine satisfaction/potential problems with, and development of Tigercat Products
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- Customer service experience
- Excellent time management skills without daily supervision
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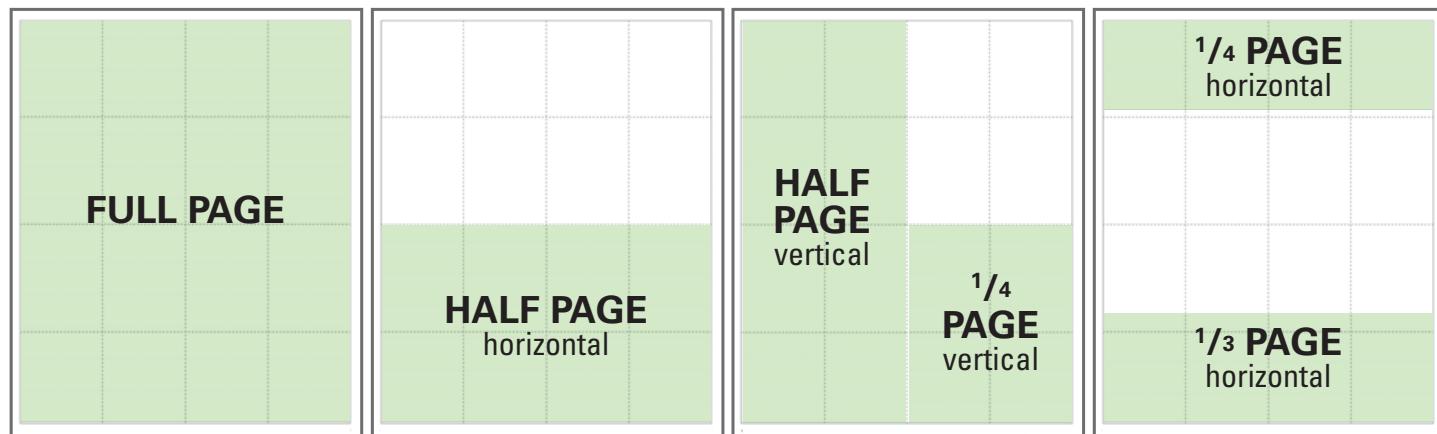


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\* Publishers' claim. The publication draws on a new data-base vault of more than 15,200 emails – a number that grows weekly.

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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](mailto:zonya@creativebirddesign.com) for a quote

### **TERM DISCOUNTS**

12 WEEKS: 7.5% 24 WEEKS: 10%

48 WEEKS: 15%

### **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.

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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.

### **WHO TO CONTACT**

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