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Student competition may find answers to future wood supply

COVER STORY P9

FOREST PLAN LAST CHANCE
TO AVERT A TIMBER CRISIS



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National forestry plan **LAST** chance to avert timber crisis

‘We’re dragging in a torrent of overseas sawn timber’

ROSS HAMPTON

WHEN Australians make a decision to build their own home, it should be a given that the timber they use is Australian-grown, supporting our environment and our jobs.

But unless decisions are made soon to increase the number of trees in the ground, it will be far from certain that the new Aussie homes of the next decade will be made from Aussie timber.

We have a serious timber shortage in this country.

It's doing two things. Firstly, it's driving house prices up and second, it's dragging in a torrent of overseas sawn timber.

In the last year, enough timber was imported to build around 40,000 new houses. Surely it is staggering and, frankly, ridiculous that we don't have the capacity to meet that timber demand, with our own supply, in a country like Australia.

A few weeks ago, the Australian Bureau of Resource



Running out of trees... what happened to the vision?

Economics reported that Australia's plantation estate has not only stagnated, it's going backwards. In the last year the estate contracted by around 20,000 ha! Without any government intervention that trend is likely to continue.

If you think about the size of Australia and the maturity of our forestry and timber processing industry you will be scratching your head wondering how on earth we got into a position where we can't even supply the timber

for our own homes.

It's pretty simple – we just don't have enough trees, in this case softwood timber-producing pine trees that are grown in plantations. Why? Because the ball was dropped in policy terms for about a decade.

“WE HAVE A SERIOUS TIMBER SHORTAGE”

Our tree estate has not kept pace with our population growth.

There are about one million hectares of softwood plantations in this country; all have been planted specifically to provide the raw materials for our sawmilling and truss and frame making industries.

But here's the hard truth. Not one of those trees was planted without some sort of government policy lever being pulled. That is not unusual. Nowhere in the world do you have a large plantation-based industry without some sort of government intervention. Trees just take too long (30 years, in the case of softwood) to give a landowner any sort of return to be considered an option in the usual course of events.

But trees are the most wonderful of raw materials a country can add to its natural resources inventory. All you need is land and water, some

Cont P 3



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From P 2

policy to get landowners across the first seven or eight years of zero returns and, like magic, you can create a renewable and highly sought after product that can create thousands of jobs in our regions from the processing of timber.

We seemed to understand that as a country in decades past. The million hectares we have of softwood plantation now were planted because of various government policies and investments at a state and federal level. For example, between 1960 and 1980 the federal government set aside low-interest loans to state governments via softwood agreements specifically to boost the plantation estate.

There are currently about 120,000 people who gain a direct living from forestry and downstream activities using timber. Many of these people can give a silent thanks to the political leaders of previous years who pulled the policy levers and created the industry we have today.

But the current generation of political leaders stands at risk of being condemned by future generations for being the first in more than a century to turn their backs on the need to keep planting trees.

Despite a welcome injection of \$20 million in the 2018-19 federal Budget for a new plan for forestry industries, there has so far been no indication that either side of politics is prepared to really grapple with this crisis in new tree planting.

The Australian Forest Products Association has calculated that we need urgently to start planting another 400,000 ha of plantations or our sawmills and processing facilities will



1/ Last chance... get trees in the ground before we lose out competitively to overseas products.
2/ Ross Hampton... policy makers need to see the forest and the trees before it's too late.

not have the resource to remain globally competitive.

The real risk is they will drop in scale, becoming less competitive and that the vicious cycle will eventually consign them to boutique status.

Plantation forestry at present occupies just half of one percent of rural land in Australia. If we grew by 400,000 ha over 10 years it will still be less than 0.6% of rural land. It seems like hardly a drop in the ocean, but it will make a huge difference in the future resource availability for our houses.

“OUR LAST CHANCE TO GET TREES IN THE GROUND

Trees are one of the most amazing natural resources we can use.

Unlike a mine or a gas field, plantations provide benefits throughout their life storing carbon, providing shelter and



habitat for wildlife, and often recreational amenities for the community. And, once harvested, they are replanted to continue the cycle.

Later this year, the federal government has said it will deliver the new national plan for forestry industries. This really could be the last chance to make sure we get trees in the ground before we lose out competitively to overseas products.

In 1997 a similar plan called 'Vision 2020' was launched by the Commonwealth. By 2020, it aspired for 3 million ha of commercial tree crops. We are falling short of that target by a country mile and going backwards.

Policy makers need to see the forest and the trees before it's too late.

• Ross Hampton is chief executive officer of the Australian Forest Products Association.



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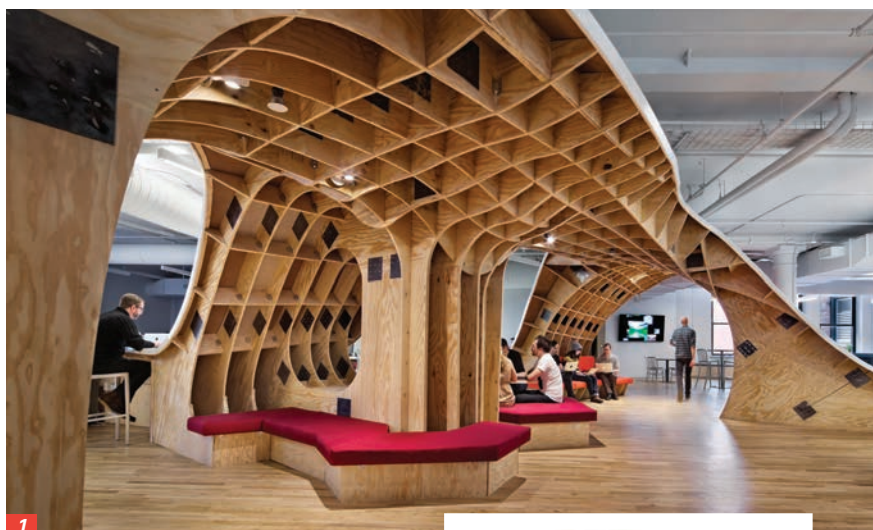
ForestWorks

An industry-led program managed by ForestWorks

Thousands turn on to view the real health advantages of wood

AWARD-winning architect Peter Maddison, host of *Grand Designs Australia*, is entering the living rooms and devices of hundreds of thousands of people across the country with news about the wellbeing, productivity and other advantages of wood.

An environmental initiative by Planet Ark and Forest and Wood Products Australia, commercials produced under Planet Ark's Make It Wood brand and co-branded Wood. Naturally Better will run on free-to-air and pay TV in metropolitan and major



1/ Evidence... the benefits of wood in the built environment is supported by reliable data.

2/ Eileen Newbury... ground-breaking report.

regional markets and online in an impactful, targeted

Better Homes and Gardens and House Rules.

The videos will be complemented by an online content marketing campaign designed to amplify the message and engage users by extending the information about the role of wood in promoting wellbeing and improved productivity in the workplace.

"A new message in the campaign is the role that wood can play in creating work environments in which people feel greater wellbeing and more productive," FWPA's national marketing and communications manager Eileen Newbury said.



2

schedule.

Now in its sixth successful media exposure, the campaign, comprising 30-second and 15-second spots covers the wellbeing and productivity benefits of wood in the workplace, supported by messages about the advantages of other uses of timber, including framing and wood in the home.

On free-to-air TV channels 7 and 9, the spots will feature in popular programs including the News, A Current Affair,

"This information comes from a ground-breaking report that is one of the first instances in the world in which anecdotal evidence about the benefits of wood in the built environment is supported by reliable data," Ms Newbury said.

It has received international coverage, and we look forward to it stimulating conversation in the Australian market."

The report, *Workplaces: Wellness + Wood = Productivity* is available for download at woodsolutions.com.au/wood-at-work

The commercials, which are available for use by FWPA members and Wood. Naturally Better program partners, can be viewed at youtube.com/user/WoodSolutionsAUS/videos.



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EVIDENCE ON THE BENEFITS OF WOOD IN THE BUILT ENVIRONMENT

Lumber sales, home building come up trumps as US markets set new records

DONALD Trump's 'build America first' pledge has taken US housing starts to their strongest level in 11 years – with wood producers such as Brazil, Chile and Argentina turning their boats away from the Australian market to fill the demand.

That has implications for ongoing softwood supply to Australia at a time when a buoyant building industry is becoming more reliant on imports.

US lumber prices are at record levels and home prices are rising at rates not seen since 2006, says a new lumber, logs and home construction report 'Interpretation and Looking Ahead'.



Flags flying... US housing starts at their strongest level.

Both housing starts and building permits in the US have now been above an annual rate of 1.3 million for three months in a row, the first time in 11 years; in 2007,

1.3 million starts would have been a recession level. Not today.

Another source of demand is home repair and remodelling. Following

last year's worst hurricane season, insurance claims are now contributing to the current increased wood products demand. Having duties in place on Canadian lumber, plus some Canadian production challenges, has not hurt domestic demand either.

While markets are in great shape overall, the supply shortage is driven in part by the difficulty of increasing production capacities. This is a long-term challenge.

Further, interest rates may be rising, albeit slowly. And how a potentially serious fire season affects these markets is also an unknown.

(Extracts from Oregon's News-Review)



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If you design, specify or build with timber you should attend this event to gain technical knowledge that will keep you ahead of the game.

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how tall timber buildings are efficient, quick-to-construct and cost effective.

UPDATE

your knowledge update on AS1684.3 – the timber framing code for cyclonic areas.

DISCUSS

bracing and tie-down, see worked examples and know the difference they make.

EVALUATE

future building opportunities in FNQ and the opportunities for timber.

Date Tuesday 3 July 2018 | **Location** Sudbury Room, Rydges Plaza Cairns

Time 11.00am – 1.30pm (includes lunch) | **Cost** Timber Queensland & AIA members FREE | non-members \$30



Exhibitors



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Oregon wood protection expert to lead timber durability centre

ONE of the world's most renowned figures in timber durability and protection, Professor Jeff Morrell of Oregon State University, has been appointed director of the National Centre for Timber Durability and Design Life for a term of five years.

The centre, which is based at the University of the Sunshine Coast, is a strategic initiative led by FWPA, and is a partnership between industry, academia and government.

“IMPORTANT WORK AROUND WOOD DURABILITY”

Prof. Morrell has extensive standards development experience through his involvement in AWP and currently chairs the Committee on Treatment Standards for Utility Poles, which has seen him work with a variety of treaters on quality control, particularly with difficult-to-treat species.

Although based in his home country of the USA for most of his career, Prof. Morrell has spent a number of years working in Australia on sabbatical, where his important work around wood durability and protection has seen him become a well-known and respected figure within both the local and international industries,



Prof. Jeff Morrell... building links between industry, academia and customers.

and the local research community.

Prof. Morrell said: “I am looking forward to working with the recently-appointed industry steering committee and with students, who will

become future leaders in Australian forestry.

“My goal is to ensure that Australian industry has access to the world's leading research and best practice, and to build links between industry, academia and customers.”

Managing director of FWPA Ric Sinclair said: “Jeff has a long-held interest in Australia's forest and wood industry, and it is exciting to hear his enthusiasm for maximising the many opportunities that exist here.

“We believe he is the perfect fit for the role, having spent extended periods of time working within and familiarising himself with the Australian industry.”

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JUNE

18-19: FRAME 2018 Conference and Exhibition – Park Hyatt Melbourne.

Contact Kevin Ezard, Frame Australia conference director, on 0419 538 638. Email: kevin@frameaustralia.com Visit www.frameaustralia.com

20: AFPA Parliamentary Friends of Forestry and Forest Industries Dinner

– Mural Hall, Parliament House, Canberra. 6pm. Contact: (02) 6285 3833.

20-21: FIEA Woodflow 2018 – Melbourne, Australia.

26-27: FIEA Woodflow 2018 – Rotorua, NZ.

The objective, with 30-40% of delivered log costs being contributed by transport, is to improve efficiencies through the wood supply chain. It builds on the success of the HarvestTECH 2017 event. Unique opportunity to learn about innovations being developed and employed to assist in harvest and transport planning, logistics and operations.

Visit www.woodflow.events

20-22: WoodSolutions Tour for building professionals

– Melbourne, Wodonga, Sydney. The tour commences in Melbourne, travelling by coach to Wodonga to see XLAM's CLT plant. Following this, flights to Sydney have been arranged as well as overnight accommodation, if required. The tour continues June 21 and 22 inspecting many buildings currently

being constructed or recently completed in and around Sydney. Buildings range from CLT timber apartments, offices, schools and community halls as well as a laminated veneer lumber industrial shed and a 6-storey timber-framed apartment building. Contact (02) 8920 0446 or info@tdansw.asn.au

JULY

4-7: AWISA 2018 – ICC Sydney Exhibition Centre, Darling Harbour Sydney.

Australia's largest ever exhibition of woodworking technology and design at Sydney's exciting new multi-level venue. Machinery, tooling, software, materials, fittings and services for the wood and panel processing industries.

Visit www.awisa.com

12-14: Inaugural International Furniture Show Australia – International Convention Centre, Sydney.

Presentations by Australian retailers and wholesalers and opportunity to deal directly with global furniture manufacturers from countries such as China, India, Vietnam, Malaysia, Indonesia, Philippines and Pakistan. Excellent platform for Australian manufacturers to reach out to buyers from within Australia and New Zealand. Contact Australasian Furnishing Association at compliance@australianfurniture.org.au

AUGUST

8: FIEA Forest Industry Safety and Technology 2018 – Rotorua, NZ.

15: FIEA Forest Industry Safety and Technology 2018 – Melbourne, Australia.

Covering updates and developments in forest industry safety, as well as providing a space for sharing ideas on how people, culture, technologies and systems are used to improve the safety of workers.

Visit www.forestsafety.events

SEPTEMBER

2-5: IFA and AFG Conference – University House, Australian National University.

Titled 'Forests for healthy cities, farms and people'. Title 'Forests for healthy cities, farms and people'. It will be preceded by AFG's pre-conference tour from Friday, August 31, to Sunday, September 2. Contact: (02) 6153 3044 or visit www.forestry.org.au

11-12: FIEA WoodTech 2018 – Melbourne, Australia.

18-19: FIEA Woodech 2018 – Rotorua, NZ.

Drymill scanning, wood machining, timber manufacturing. Includes timber scanning and optimisation, timber gluing and laminating, finger-jointing, cross cutting, timber machining, kiln drying and timber finishing technologies.

Visit www.woodtech.events

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 or visit www.danaevents.co.nz/2018taupo/

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

One-and-half day conference, one-and-half day field trip. Contact Julie Bell admin@dana.co.nz or www.danaevents.co.nz/2018tas/

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

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

19th Australian Timber Design Awards in Sydney.

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

26: TABMA national industry dinner – Hyatt Regency Hotel, Sydney.

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JUNE

18-19: West and Central Africa Summit – Libreville, Gabon. To improve skills, share experiences and identify collaboration opportunities for the forest and wood-based industry associations of West and Central Africa. For further information go to www.gtf-info.com and enquiries direct to africasummit@gtf-info.com

JULY

16-20: COFO 23 - World Forest Week – Rome, Italy. For further information see www.fao.org/about/meetings/cofo

SEPTEMBER

4-6: 8th World Congress on Biofuels and Bioenergy – Zurich, Switzerland. For further information see: www.biofuels-bioengery.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 wood products, while reconnecting with current suppliers and socializing with peers. Contact: Brian Hawrysh CEO, BC Wood Tel: + 604-882-7100. To register, click on:

www.reg.conexsys.com/gbm18

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/

17-21: RISI Tenth International Woodfibre Trade Conference – Durban, South Africa. See: www.events.risiinfo.com/wood-fiber/ Email: 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 and www.cirad.fr

25-26: FSC Asia Pacific Business Forum 2018 – Mumbai, India. Email: info@au.fsc.org

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 Email: cph@ifro.ku.dk

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

NOVEMBER

5-10: 54th Session of the International Tropical Timber Council and Sessions of the Associated Committees – Yokohama, Kanagawa, Japan. ITTO Secretariat. See: www.itto.int/workshop_detail

Email: itto@itto.int
Tel: +81-45-223-1110

12-17: 2nd DANA 2-day Central America and Andes Forestry Sector Investment Conference – Cancun Mexico. With 2-day optional pre-conference field trip to teak and eucalyptus plantations; a large modern MDF mill in Villahermosa region; and a 2- day optional post-conference tour to Mayan archaeological and recreational sites. For further information: www.danaevents.co.nz/2018mexico/

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

• Please send any events listings to johnh@timberandforestryenews.com



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SYDNEY



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Anne Ruston



Brian Farmer



Ric Sinclair



Simon Dorries



John Halkett

A thousand words could paint picture for wood supply future

Competition details for smart young minds announced

TWO weeks ago the upcoming competition for smart young minds in the forest industry was announced.

This week we outline the competition details.

Again this thinking and writing competition for young agile forestry minds is being run in collaboration with HQPlantations, Forest and Wood Products Australia, Responsible Wood, and Timber and Forestry enews.

Timber & Forestry enews co-publisher John Halkett advises that the competition is open to current undergraduate or post-graduate students at universities or other training institutions, or those who have had no more than five years' working experience.

"We want your ideas, and we will to pay for them," he said.

Here are the competition rules:

Competition rules: 1. Not more than 1000 words. 2. Calibri 12 font 1.5 spacing. 3. Your name and contact details (phone and email) plus a head and shoulders image. 4. Send entries to John Halkett at johnh@timberandforestry.com.

enews.com by October 15, 2018

Yes, there will be cash and book prizes for the best three entries – \$1000 for first, \$500 for second and \$250 for third, plus a set of books for all three place-getters.

Competition judges will be Brian Farmer, CEO, HQPlantations, Ric Sinclair, managing director, Forest and Wood Products Australia, Simon Dorries, CEO, Responsible Wood, and John Halkett, co-publisher, Timber& Forestry enews.

Mr Halkett said that in addition, the winner would be offered two months' employment in Queensland over the summer by HQPlantations.

"The winner will be presented with a cheque and books by the Assistant Minister for Agriculture and Water Resources Senator Anne Ruston at a suitable industry event. The cost of

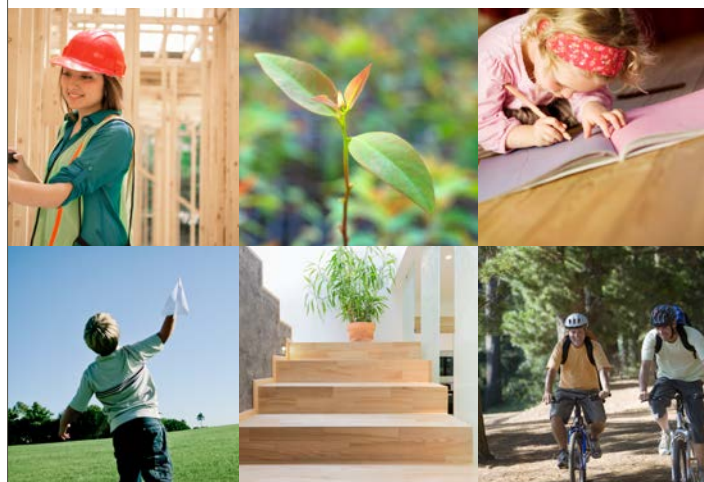
return air fares will be covered by Timber& Forestry enews," John said.

Complete details of the competition are available on the Timber&Forestry

enews website at: <http://timberandforestryenews.com/news/>

On the cover: HQ Plantations forest operations at Toolara, Queensland. Photo by HQP

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**CASH AND
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 FOR BEST
 3 ENTRIES**

Lendlease builds tall 'tree house' to expand construction at Barangaroo

LENDLEASE is to construct a new timber office tower at Barangaroo South as demand for the environmentally-friendly properties gains traction.

The building, which will be known as Daramu House ('tree house' in the aboriginal Sydney language) follows the completion of International House Sydney at Barangaroo.

Daramu House will be Lendlease's sixth engineered timber building in Australia, and the third to have come out of the company's precision timber manufacturing centre in Eastern Creek, Western Sydney.

Aside from International House Sydney, there is 25 King Street in Brisbane, the Forte Apartments and Library at The Dock in Melbourne, and the Jordan Springs



1/ Daramu House... artist's impression of Lendlease's new Sydney building project.
2/ Rob Deck... construction from CLT and glulam.

Community Hub in Western Sydney.

The new Sydney building, which will be completed in late 2019 is another addition to Barangaroo South's popular mixed-use precinct of restaurants, cafes, shops and services.

Daramu House will have more than 10,000 sq m of commercial floor space, with new retail at ground level. Like the neighbouring

Rob Deck, managing director of Barangaroo South, said Daramu House would provide tenants with health and wellbeing benefits combined with a warm, clean and natural environment.

"With engineering by Lendlease's DesignMake business, Daramu House will offer ground level retail tenancies, six floors of office space constructed from CLT and glulam," Mr Deck said.

The new site reflects the increased construction across the country in non-residential properties. According to the latest Rider Levett Bucknall's (RLB) 2nd Quarter 2018 International Report, such market activity for Australia was strong with 41% of RLB offices reporting sectors in the peak zone, up from 38% in the previous RLB report.

There is a large pipeline of public infrastructure work as conditions in some parts of the private sector support GDP growth.

(Sydney Morning Herald)



International House, Daramu House will include the use of sustainable timbers, as well as roof-top planting to capture rain, and solar photo-voltaic cells to enable power to the building and the precinct.

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AWISA: world-class woodworking show for Sydney's Darling Harbour

One of biggest events at multi-million-dollar convention centre

AWISA 2018 – the exciting showcase for the Australian Woodworking Industry Suppliers Association – has taken a quantum leap into the future with plans complete for a massive exhibition at the new multi-billion dollar International Convention Centre at Sydney's Darling Harbour from July 4 to 7.

AWISA chairman Brett Ambrose said the Darling Harbour facility was absolutely world class.

"Plus it has all the benefits for visitors of being adjacent to Sydney's CBD, public transport, hotels, restaurants, harbour cruises and other tourist attractions," he said.

"I am delighted with exhibitor enthusiasm for the new show venue. No doubt it will top the billing as the largest trade show of its type ever held in Australia."

Mr Ambrose said ICC Sydney was one of the most exciting exhibition spaces in the world with its combination of first-class facilities and inner city locations.

EXHIBITION HALLS EQUIVALENT TO 6 FOOTBALL FIELDS

"We will be encouraging show visitors to take a really big step into the future, and to also enjoy the wide range of inner-Sydney attractions and amenities."

Now Australia's premier exhibition, convention and



1/ **AWISA 2018 venue... the \$3.4 billion International Convention Centre in Sydney's Darling Harbour.**

2/ **Brett Ambrose... largest trade show of its type ever held in Australia.**



entertainment precinct, ICC Sydney was opened on December 16 by then NSW Premier Mike Baird.

ICC Sydney sits at the heart of the \$3.4 billion redevelopment of Darling Harbour. The steel-glass facility stretches over three city blocks from Darling Harbour to Haymarket and includes an exhibition centre, convention centre and adjoining a 9000-seat theatre and Australia's largest stage.

NSW Infrastructure Minister Andrew Constance said the exhibition halls were the equivalent of six football fields of trade show floor space that could concurrently host up to 30,000 people, and three full conventions.

The flexible and fully integrated precinct is connected to the city's key districts and has strong transport links, plus a raft of accommodation choices nearby. The revitalised public domain also now includes a new amphitheatre event

Tumbalong Park.

AWISA booked the equivalent amount of venue space for AWISA 2018 as was occupied by AWISA 2016 in Melbourne, and by previous AWISA exhibitions at the former Sydney Convention and Exhibition Centre.

However, space sales for AWISA 2018 have been the most successful ever, and to ensure that space is available for all companies that might want to book over the next 12 months, the AWISA board has booked more space.

Full details for exhibitors are available at: www.awisa.com



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Malcolm Finlayson a businessman in timber with his sleeves rolled up

"ALL good things come to an end," lamented Skene Finlayson at his father's funeral service in Brisbane on Tuesday.

And Malcolm Finlayson was a good man – good for his family, good for his staff and good for the timber industry to which he devoted his entire working life.

More than 200 family members, friends and staff from Finlayson Timber and Hardware gathered at the St Lucia Uniting Church to celebrate the life of Malcolm Charles Finlayson, who died aged 78 on June 4.

He started in the family business, then called Pattersons, in 1955, leaving



Malcolm Finlayson... a mission to grow the business.

school in Grade 10. Thus began a long career in a business that new both hardship and success.

He worked with three uncles – Willie, Leslie and

Gordon, but it was 'Willie' who became his true mentor.

When Bill Paterson died in 1979, Malcolm became managing director at Pattersons... at age 40.

In 1985, Malcolm with good friend and accountant Aub Lawson, school chum Hugh Gresham and golfing mate Sir Robert Mathers of Mathers Shoes fame, pitched in and Pattersons changed its name to Finlaysons – the first time in 110 years the business was out of the Patterson's family's control.

"This was a new and exciting era for dad. He was on a mission to grow the business and grow it did," Skene Finlayson said.

Malcolm Finlayson was very much a 'hands-on' chief at the company – a timber man in a business suit with his sleeves rolled up, often travelling to

Cont P 14



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From P 12

his country sawmills to help on the breaking down saw or, even in his retirement, zipping around his Brisbane trade centres on a forklift.

Finlayson's Timber and Hardware, a fourth generation family established in 1875, now employs close to 400 people with sawmills at Yarraman, Imbil and Melawondi and large trade, distribution and manufacturing sites in southeast Queensland at Carole Park, Sumner Park and east Brisbane and at Wetherill Park, Sydney.

Plantation Araucaria (hoop pine) products remain the

cornerstone of the business.

Finlayson's subsidiary Superior Wood purchased Hyne's Imbil and Melawondi operations in the Mary Valley in October 2013, which included a hoop pine sawmill, kilns and dry mill facilities and sophisticated low temperature drying and remanufacturing facility, providing stability to 110 employees.

Superior Wood is ramping up production both domestically and internationally with contracts for export to China, Vietnam, Japan and Taiwan.

Malcolm Finlayson was connected to many

community groups and associations and was chairman of the Queensland Timber Board (now Timber Queensland), director of the Timber Research and Development Advisory Council, and a pioneer member of Brisbane Hoo-Hoo Club 218 (#83824).

During the service, son Michael talked about his father's love of wood.

"Last week the family had a very emotional meeting where we had to choose a coffin to rest dad. They only had MDF, camphor laurel or radiata. Dad would not have been impressed!

"So we looked at each other and said 'we can fix this'.

"Our wonderful joinery staff got straight to work and crafted a magnificent hoop pine coffin for dad. We said to them he would be looking down with a great big smile on his face

"So to all those who contributed to this, our family is sincerely thankful."

Malcolm Finlayson is survived by his wife Judy (nee Patterson), children Lisa, Skene, Catherine and Michael, 18 grandchildren and great grand-daughter Addison.

– JIM BOWDEN

HVP Plantations appoints new chief operating officer in Victoria

HVP Plantations has appointed a new chief operating office. Rob Hescok held the position of general manager, northern

region, since 2010. Prior to his time at HVP, Mr Hescok held operational roles across forestry in Australia and the US.

His general manager northern region role has been filled by Anne Partridge who has more than 25 years' experience in forestry,

including 15 years within HVP in harvest, haulage and customer management roles.

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Friday 26 October 2018

Entertainment and music!

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- Bookings: tabma.com.au/events/



Predict forestry climate change with just a the click of a mouse

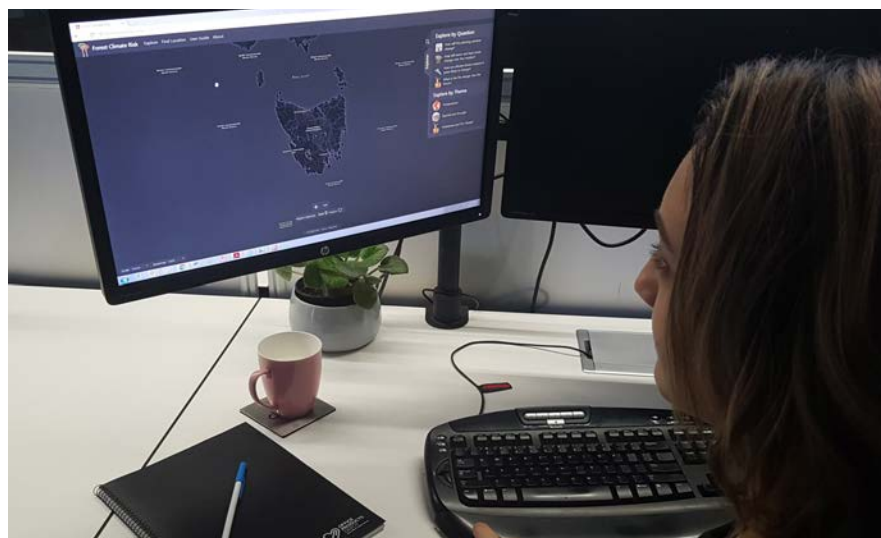
FOREST managers will be able to gauge the likely effect of climate change on growing conditions in their specific areas with a new interactive online tool developed by the CSIRO with funding from Forest and Wood Products Australia.

The free Forest Climate Risk Tool provides information on factors such as the likely periods of drought, rainfall, number of heatwave days, temperatures and fire risk in detail down to a 5 km x 5 km grid of almost all forested and plantation areas of Australia.

The best available scientific models for climate change have been used in developing the tool, which enables users to see both the “most likely” result and a range of other possible results for 2030, 2050 and 2070, as opposed to the current situation.

CSIRO research scientist Dr Patrick Mitchell said the tool was intended to increase the industry’s awareness of climate change and, ultimately, to manage risk and improve productivity.

“We’ve tried to make



Climate watch... CSIRO's new interactive online tool.

the tool really easy to use, without compromising its scientific integrity. There are also user videos on the site as well as a written user guide,” he said.

“Climate change is particularly crucial for forestry because there’s such a long lag between planting and harvesting. We’re hoping this tool will mean that forest managers can make more informed decisions.”

In addition to probing results for particular locations or areas, the Forest Climate Risk Tool enables forest

managers to explore climate change by questions and by themes.

The themes are: temperature; rainfall and drought; and heatwaves and fire danger. The questions relate to changes in the planting window; water and heat stress over the rotation; climate drivers related to


pests; and fire danger.

General manager of forest resources at HVP Plantations Tony O’Hara said the firm had an increasing focus on the threat that climate change could pose to 170,000 ha under plantation in Victoria.

“The risks in terms of fire, pests, diseases, planting timing and even care of staff in the field could all change with the climate, making it valuable to have information on predicted variations in climate and the likelihood of

“SPOTTING
LIKLEY PERIODS
OF DROUGHT
AND RAINFALL

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Full steam ahead with waste chips for \$5.38m Manildra green project

WASTE wood chips from regional forests will replace LPG gas to provide steam for MSM Milling's Manildra canola processing plant in a \$5.38 million green project.

Work will start soon in the small NSW town halfway between Orange and Parkes with the commissioning expected from mid-late October.

The Australian Renewable Energy Agency will provide \$2 million toward the project.

A 4.88 megawatt biomass-fired boiler will be installed at Manildra in one of the first projects of its type by a large food company in Australia.

Wood chips, including



Fired up... Pete Mac Smith, MSM, Brad Williams ARENA, Cabonne mayor Kevin Beatty, Heather Nicholls, Cabonne council, Andrew Gee, MP Calare, Nino Di Falco NSW EPA, and Bob Mac Smith MSM.

forestry thinnings, offcuts and sawmill by-products will be trucked to the plant to fire the plant's boilers and generate steam for the processing operation.

MSM Milling director

Bob Mac Smith said at full production the plant would need three tonnes of the wood every hour. He said there was plenty of stock available near Manildra.

"In a radius of 120-150 km of Manildra there is a variety of sources," he said. "There is certainly more than enough material there to do what we do."

MSM Milling has spent a

number of years researching to identify the optimal thermal energy solution for the plan to further secure its future. The project will significantly reduce greenhouse emissions, fossil fuel energy use and depletion, while increasing renewable energy generation in the state.

Mr Mac Smith said the use of gas for firing the boiler was "ferociously expensive".

He said the harvesting of the waste timber would also create jobs for contractors and provide income for the forestry industry – and help secure the jobs of 70 workers at MSM.

ARENA CEO Ivor Frischknecht said the biomass industry was underdeveloped in Australia.

"Bioenergy currently makes up only around 0.9% of Australia's energy mix," he said.

"However, the use of wood chips is becoming attractive as consumers are increasingly demanding better environmental performance across product supply chains."

(Central Western Daily News).

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“FOREST THINNINGS TO HELP DRIVE STEAM BOILERS

From P 15

extreme events," Mr O'Hara said.

"The next step is to work on what we can do to accommodate that future situation."

Mr O'Hara added: "This complements other work we're doing, for example increasing the resilience of trees and working with land owners outside our

plantations to reduce fire risk.

"Using this new tool, we have established some level of comfort that we are going to be able to grow trees in future in most of our current areas.

"The next step in using the tool would be to input data from it into other systems such as CABALA (which models tree growth) and the Phoenix Rapid Fire bushfire modelling tool."

FRAME 2018: all the speakers

Host of new developments in timber engineering

THE sessions program at Frame 2018 'Timber Offsite Construction' will reveal a host of new developments in timber and engineered wood construction and will highlight major developments that are destined to change the way we build in the future.

The event will be held next Monday and Tuesday, June 18 and 19, at Park Hyatt Melbourne. Reports and pictures of the event will appear in the next two issues of Timber&Forestry enews.

Registrations are still open. Visit www.frameaustralia.com

Speaker session program, June 18:

BUILDING DESIGN

NICK MILESTONE, associate director projects, William Hare Ltd, UK (Disruption through prefabrication – the evolution and future of mass timber).

JOCHEN RISTIG, technical director, building structures, AECOM (Pushing the boundaries to achieve carbon-neutral, healthy communities)

SIMON XIBERRAS design



Frame project panel... Phoenix six-storey apartments project at Rouse Hill.

manager, Strongbuild Commercial (Building project design and construction using the ECI approach).

Discussion panel members:

Jules Tribuzio, senior design manager, Multiplex Australasia; Paolo Lavisca, program development manager, mid-rise

construction, WoodSolutions.

TECHNOLOGY

Session chair: Matthew Francis, school of property, construction and project management, RMIT University.

Speakers

PERRY FORSYTH, professor of construction

management, University of Technology Sydney (Understanding the map of digital technologies in construction),

KATIE FOWDEN, manager strategic Relations, Hyne Timber (Engineered timber fire station: a collaborative journey of innovation).

INGO KRIEG, project manager, HOMAG/Weinmann Germany (Efficient offsite manufacturing considering digital data utilisation with industry).

Discussion panel members:

Kim Baber, architect, Baber Studio, Brisbane, and Christian Schmalholz, technical consultant, SEMA Software, Germany.

MANUFACTURING

Session chair: Prof. Ron Wakefield, Deputy Pro-Vice Chancellor, International and Head of School at RMIT's School of Property, Construction and Project Management.

Speakers

DAVID HEATH, national technical manager, ARC Centre for Advanced

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Manufacturing of Prefabricated Housing (Training centre collaborating with industry to boost uptake of prefabricated construction).

MARTIN SMITH, managing director, Modular Building Automation UK (Can the use of modern data interfaces improve productivity in a prefabrication plant?).

CHARLIE HUTCHINGS, managing director, and SAM ROW, general manager, Hundegger Australasia (Automation in timber frame construction and the use of integrated robotics).

Discussion panel

members: Ryan Slater, technical sales consultant, Homag/Weinmann; Nick Hewson, head of design, XLAM Australia.

CONSTRUCTION

Session chair: Craig Muse, development director, Frasers Property Australia and president, Housing Industry Association Victoria.

Speakers

ANDREW DUNN, CEO, Timber Development Association (Global markets and cost comparison for tall timber buildings).

PHILIPP ZUMBRUNNEN, director, Eurban Ltd, UK (Delivering mass timber projects – integrated design the way to success).

ROB De BRINCAT, new business manager-innovation, Atelier Projects



Focused... Delegates at Frame 2017 speaker sessions.

(Timber is the new concrete – how timber is reshaping the Australian construction landscape).

Discussion panel members:

Kase Jong, regional operations manager, MPC VIC, Construction, Mirvac; and Rob Pradolin, strategic adviser, WoodSolutions.

Project panel sessions, June 19:

Sessions chair: Kevin Ezard, Frame Australia

PROJECT PANEL 1:

DHHS 3 & 4 storey affordable housing – Stokes & Penola Streets, Preston Vic

Panel members:

Developer – Steven Ayton, senior project manager, Department of Health & Human Services.

Architect – Emily Gilfillan, associate director, Sector Leader Seniors Living, Billard Leece Partnership

Structural – Craig Kay, national product engineer, Tilling SmartStruct.

Floor joists – Jack Haber, managing director, Tecbuild Systems.

Builder – Lee Corcoran, project manager, S.J. Higgins

PROJECT PANEL 2:

Phoenix 6 storey apartments project, Cnr Rouse & Cudgong Road, Rouse Hill.

Panel members

Structural design – Kevin Berry, director, Taylor Thomson Whitting.

Engineered wood – David Byland, commercial design and development manager, Wesbeam Tall Timber Building Systems.

Engineered connections – Dean Ashton, national field engineer, Simpson Strong-Tie.

Prefab and builder – Shane Strong, business development manager, Strongbuild.

PROJECT PANEL 3:

High Street 5 storey apartments project, 752 High Street, Thornbury

Panel members

Architect – Paul Gardiner, Gardiner Architects.

Design assistance – Paolo Lavischi, program development manager, mid-rise construction, WoodSolutions.

Construction – Alistair Holmes, director, Sinjen Group.

Cladding system – Adam Lelliott, PGH Bricks.

PROJECT PANEL 4:

Adina Hotel 10 storey extension, 55 Southbank Boulevard, Southbank

Panel members

Developer – Tim Davey, national project manager, Hume Partners Property.

Architect – Julian Anderson, director, Bates Smart.

Structural design – Nathan Bendbow, senior engineer, Vistek Engineers.

Builder – Jason O'Hara, managing Director, Atelier Projects.

Melbourne dominates Australia's list of housing hotspots

MELBOURNE has dominated this year's HIA Hotspots Report, with 12 of Australia's top 20 building growth areas all located around Victoria's capital.

According to the HIA

hotspot report, the Mickleham-Yuroke area of Melbourne is number one, with a population growth of 35.3% during 2016-17 and \$222.9 million in building approvals.

Pimpana on Queensland's Gold Coast slipped to second place with Melbourne's Cranbourne East area in third position nationally.

HIA says the remarkable

performance of Melbourne in the hotspot report demonstrates how well the circle of job creation, population growth and new home building can boost an economy.

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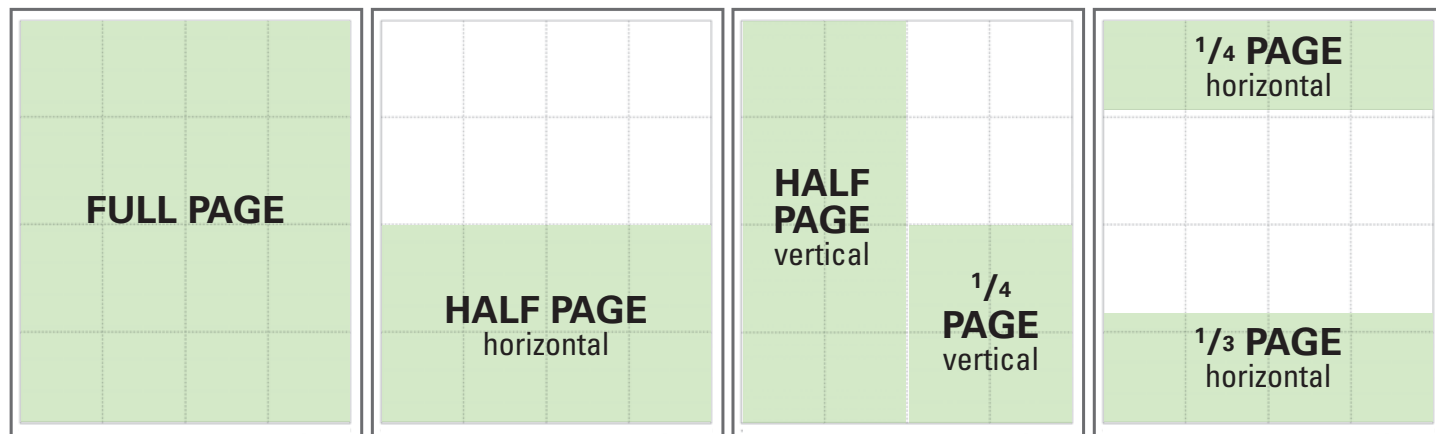
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