

DELIVERED
WEEKLY TO
15,200
GLOBAL
READERS*

Like and
follow us on 

ISSUE 549 | March 7, 2019

timber & FORESTRY *e*news

timberandforestryenews.com

Gottstein group's day in the forest

COVER STORY P 4



Responsible
Wood 

 **Subscribe
here.**



**MARGULES
GROOME**

FIRST FOR FORESTRY CONSULTING

www.margulesgroome.com



**TimTechChem
Australia**

For all your
Timber
Preservation
needs...

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

ewp *paa*

The mark of safety,
reliability and trust.



www.ewp.asn.au

+61 7 3250 3700



The NATIONAL voice for

Timber Merchants • Suppliers • Manufacturers

Contact us on 1800 TABMA1

The rise and rise of mid-rise as timber becomes the best solution

Projects under way are ‘skyrocketing’, seminar told

TIMBER construction is fast becoming the new alternative for cost-efficient, safe and sustainable mid-rise and commercial buildings.

“Understanding and acceptance is definitely gaining speed with an unprecedented number of projects completed in 2018, and the projects under way skyrocketing through 2019,” says Dr Alastair Woodard, Victorian WoodSolutions program manager

“To maximise the benefits of timber construction, best practice building techniques must be adopted to utilise all the productivity advantages and ensure successful project delivery.”

On this theme, a successful WoodSolutions half-day seminar in Melbourne last week attracted more than

150 building professionals: developers, builders, architects, engineers and designers.

The seminar – Extending Higher: Latest in Timber Construction, was organised by Dr Woodard at the Holmesglen Institute, preceded by an early-morning tour of the new WoodSolutions mid-rise demonstration model (See Pages 10-11 and 14-15)

Paolo Lavisci, one of WoodSolutions’ mid-rise program development managers, provided an overview of the different mid-rise timber construction options and the current National Construction Code requirements for fire-protected timber to achieve a mid-rise timber building.

He also briefed delegates on the exciting new changes in the 2019 NCC which will see the deemed-to-satisfy NCC provisions expanded from just apartments hotels and office buildings to ‘all NCC building classes’,



Alastair Woodard... timber the new alternative for safe and sustainable mid-rise and commercial construction.

including hospitals, schools and aged-care facilities.

Mr Lavisci also overviewed the successes of the current mid-rise advisory program Victorian pilot and discussed activities under way to hopefully take this forward later in 2019 to an even more successful ‘national’ mid-rise advisory program.

Well known CLT expert Paul Kremer gave an informative presentation on enabling productivity with timber construction, discussing the best practice approaches to maximising productivity.

His insightful and informative presentation discussed the benefits of early contractor and early supplier involvement processes, building information modelling approaches, optimal panel sizing for manufacture and construction, integrated specification modelling and practical tips for reducing a project’s critical path to minimise cost and maximise efficiencies.

Finally, Mr Lavisci illustrated his presentation with a range of local and international projects.

Dr Woodard said feedback from the seminar was excellent.

“Some solid new project leads were established between attendee designers and the mid-rise WoodSolutions advisory team, which will be followed up and, hopefully, will lead to further new mid-rise timber buildings under construction in the very near future,” he said.

“MAXIMISING THE BENEFITS OF TIMBER CONSTRUCTION”



Customers **SEE** a difference in **MicroPro Sienna**.

Long Lasting Colour and Latest Generation MicroPro Preservative.



Find us at kopperspc.com.au or call 1800 088 809

MicroPro® and MicroPro Sienna® are registered trademarks of Koppers Inc. or its subsidiaries. MicroPro, and MicroPro Sienna timber products are produced by independently owned and operated wood preserving facilities. © 2017 Koppers Performance Chemicals Australia Pty Ltd.

\$209,300 research project a boost for north Australia

Identifying growth for forest products

LOCAL stakeholders are the central plank of a new Cooperative Research Centre for Developing Northern Australia project to identify the growth potential for northern Australia's forestry and forestry products industry.

The \$209,300 research project is a collaboration with Timber Queensland, the Northern Territory Department of Primary Industry and Resources, the Queensland Department of Agriculture and Fisheries and the University of the Sunshine Coast.

The 10-month project will also work with several key industry stakeholders including the Forest Products Commission Western Australia, Plantation Management Partners, Midway, HQPlantations, Simms Group, DTM Timber/Branch 95, Quintis Ltd and Alpha Santanol, to deliver a comprehensive overview of the current challenges and opportunities facing the industry.

Announcing the initiative, the Minister for Resources and Northern Australia Senator Matt Canavan said given the goal of growing the national forestry industry, the north could present new opportunities for the industry

"This project will look at northern Australia as an important part of Australia's forestry story and provide a road map for the industry to really look at what they need to do to stimulate and drive future industry growth," he said.



Matt Canavan...
opportunities for industry.



Jed Matz...
stimulating industry growth.



Mick Stephens...
input from industry players.

CRCNA CEO Jed Matz said the research would provide a snap shot of the current and emerging issues facing the industry and consider the sustainable management of natural resources and economic, social and environmental development goals.

“A ROAD MAP FOR INDUSTRY IN FAR NORTH

"It will explore potential policy, investment and other solutions to barriers preventing industry development and will identify the most strategic research projects for further investment, which will be critical to stimulating industry growth," he said.

"The findings will allow indigenous and non-indigenous landholders, stakeholders, investors and policy makers to make informed decisions regarding developing sustainable forestry enterprises in northern Australia," he said.

Timber Queensland CEO Mick Stephens said the

project would review key strategic documents and regulatory frameworks in the Northern Territory, Western Australia and Queensland, and would identify the extent of commercially productive resources including native, plantation and farm forests.

"Once we've established this baseline of information, we will seek input from industry players, representatives of indigenous communities and other rural stakeholders, regional business groups, government agencies and academic institutions," Mr Stephens said.

A project steering committee comprising relevant representatives would be announced in early April and regional forums would be held in Queensland, the Northern Territory and Western Australia in June and July.

It is expected the steering committee will assume the role of an industry development alliance and continue to provide oversight regarding the ongoing growth and health of the industry beyond the life of the project.



FOLS
Skills Verification Program



20% Off

Discount available* for AFCA Members!

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

www.fols.forestworks.com.au
1800 177 001

*Australian Forest Contractors Association (AFCA)

ForestWorks

An industry-led program managed by ForestWorks

Forest science course in Canberra voted an ‘overwhelming’ success

THE 2019 Gottstein Trust forest science course from February 22 to 29, held in Canberra for the first time, was hailed an overwhelming success, with 23 participants enjoying five days of insights from forest experts, excursions and a Bombala, NSW, field trip.

Trust chair John Simon praised the Gottstein science course committee, also expressing appreciation to Professor Peter Kanowski and Associate Professor Cris Bracks of



Taking a break at the Gottstein course are, back row, Beth Welden, Carrie Heng, Michelle Buckles, Joanna Tan, Ishara Kotiah, and Natalie Heazlewood, and front, Gaela Hurford, Jocelyn Carpenter, Creesida Lehmann, and Tim Hurford.

the ANU Fenner School of Environment and Society for hosting the course at the

Forestry Building.

“They delivered interesting sessions at the course and assisted on aspects of the course format,” he said.

A whole range of presenters – from foresters to researchers to fire experts – willingly donated their time to deliver sessions. On the field trip, both the Dongwha Mill at Bombala and the ForestCorp NSW regional staff welcomed course participants who were able to glean specific information with ample time for questions.

“AN IMPORTANT COLLABORATIVE ACHIEVEMENT”

“It’s an important collaborative achievement between the Gottstein Trust, forest industry experts and the research and education community to deliver the material,” John Simon said.

“The trustees sincerely appreciate the effort and generous involvement of all

the presenters.”

Special dinner guest Senator Richard Colbeck, Assistant Minister for Agriculture and Water, and minister responsible for forestry, enjoyed mixing at the final night course dinner held at University House.

“The icing on the cake was the Gottstein fellows past and present who made the effort to attend the dinner, mix with participants and say a few words about what

the fellowships meant to them,” Helen Murray said.

Helen’s Kurrumbene Projects & Advocacy team took on management of the Gottstein Trust secretariat in January. This was the first course delivered by the new team.

“We’ve greatly enjoyed supporting the trust in running the course and carrying on the association with ANU which was built by the Institute of Foresters of Australia, the previous trust manager, under guidance of former CEO Sarah Paradise.

Participants came from most states and included delegates from California and Singapore. “The organisations they represent are involved in softwood and hardwood milling and processing, forest and plantation ownership and industry associations,” Helen said.

“One young man paid for the course because he has an



providing innovative training solutions

TABMA Training (previously FITEC - RTO 5343) offers a full range of nationally recognised forest and timber industry qualifications ranging from forest operations, sawmilling, frame and truss design and manufacture, to timber merchandising, and business sales.

PLUS our dynamic short courses are designed to achieve bottom line results for your business!

Short courses include forklift training, chainsaw training, how to deal with customers in person and on the telephone, performance management, timber knowledge, timber take offs, and visual stress grading.

These short courses can be conducted at your premises (5+) or in a group at our facilities.



Contact us now for further information. 1300 693 483

www.tabmatraining.edu.au



Gottstein group at the ANU Fenner School of Environment and Society... back and middle rows, from left, Helen Murray, Jordan Halloran, Gaela Hurford, Tim Hurford, Annelies de Ruiter, Daniel Augustine, Simon Burns, Jocelyn Carpenter, William Chow, Lucy Mulcahy, Adam Tyndall, Cressida Lehmann, Elysia Harradine, Kelsey Hanrahan, Phil Jones, Ishara Kotiah, and Tim Kelly. Front row, from left, Beth Welden, Michelle Buckles (USA), Joanna Tan (Singapore), Natalie Hazealwood, and Carrie Heng (Singapore).

From P 4

interest in joining the industry in the future.

“Yes, it was a terrific group of people and all of them said new contacts made was a side benefit of the course.”

A course highlight was Suzette Weeding’s talk on the sophisticated use of LIDAR technology across Tasmania’s

“ POSITIVE VIBES ON TIMBER AS THE ULTIMATE RENEWABLE ”

southern natural forest estate. Her team at Sustainable Timber Tasmania is rigorously mapping mature breeding habitat for the critically endangered swift parrot, one of nature’s most elusive birds.

Similarly, Michael Ryan, an experienced Victorian forester, talked about the methods to track, map and protect leadbeater possum habitat in the mountain ash forests.

A session on forest economics and investment was addressed by Rob de Fégely, co-chair, Forest Industries Advisory Council, and Ross Hampton CEO, Australian Forest Products

Association, talked about industry challenges in the 21st Century. Rounding off was Nick O’Brien, New Forests, on the carbon positives of wood.

Responsible Wood CEO Simon Dorries and FSC Australia CEO Sara Gipton hosted a joint session on forest certification.

PlanetArk’s David Rowlinson filled the room with positive vibes as he took the group through the wonders of timber as the ultimate renewable.

“Consumers are very interested in the research

findings about the positive health and wellbeing impacts of wood in their built environment,” Helen said.

She added: “The proof of the pudding is in the eating – 70% of participants rated the course as excellent and 30% as good. Speakers performed like (Australia’s world champion racehorse) Winx with 100% ranking the course as ‘very knowledgeable.’”

On the cover: NSW Forestry Corporation’s regional team at Bomballa (in yellow vests), explain forestry harvesting operations to Gottstein forest science course participants.

Beautiful. Natural. Sustainable. Australian.
responsiblewood.org.au

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

Responsible Wood
 Enabling Sustainability

Canberra event largest gathering of women in our forest industries

AHEAD of International Women's Day on Friday, Australia's forest industries will celebrate women who work right across the value chain of forest industries.

More than 100 women working in industry are meeting in Canberra today to take part in a workshop, to discuss gender and diversity across our industries," Mr Hampton said.

The workshop will be opened by Assistant Minister



Linda Sewell... dinner speaker and one of industry's national leaders.

National Farmers Federation, and Stuart Ellis, Australian Fire and Emergency Services Council.

The workshop will be followed by a sold-out dinner, where attendees will hear from AFPA's inaugural chair Linda Sewell, one of industry's national leaders.

"Ms Sewell will outline her journey to leadership of one of Australia's pre-eminent forest industry companies OneFortyOne," AFPA CEO Ross Hampton said.

"Gender and diversity are fundamental issues for our industries," he said. "We will continue to pursue progress in this space."

“DISCUSSING GENDER AND DIVERSITY ACROSS OUR INDUSTRIES”

for Agriculture and Water Resources Senator Richard Colbeck. Guest speakers include Joanne Matsoukas, VicForests, Dr Skye



Saunders, Australian National University, Laureta Wallace,

The united voice for Australia's forest industries



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



NZ forest manager builds an all-women logging team

AS celebrations start on Friday for the International Day of Women, news comes through that a Rotorua forest manager has been working with 18 women as part of a process to choose an 11-strong, all-female team to work in silviculture.

CNI Forest Management health and safety recruitment officer Joe Taute says this will be the first all-female team in the NZ forestry industry.

"There's a shortage of female employees in forestry everywhere so we're trying to be a bit different and try something new," he said.

Mr Taute said crew members would start out "getting bush fit"

"We're trying to get them

used to the idea of waking up at 5.30 am and getting home at 5 pm," he said. "We've set up an introduction to forestry to get them bush fit to start with then move into planting and pruning."

Mr Taute said there was a big requirement for forestry workers and it was a hard job but before the team was formed he would get multiple calls a week about whether there were roles available for females.

Crew manager Truedi Taia who previously worked for CNI said she had found other women who would join her when the new role came up.

"It's a good opportunity for our ladies to learn forestry and I'd encourage anybody to give it a go," she said.

MARCH

8: Women in Forests and Timber Network breakfast – Brisbane, Australia.

Celebrating International Women’s Day. Starts at 8am at Verandah on Racecourse, 30 Racecourse Road, Hamilton. Address by a representative of the Brisbane Domestic Violence Service. RSVP March 6 to Sarah Porter. Email Sarah@timberqueensland.com.au

8: AFPA members’ forum and chamber meetings – Canberra, Australia.

8: Forest Industry Advisory Council (AFIC) meeting – Canberra, Australia

14: Climate Change and Future Landscapes – Biodiversity Across the Borders Conference.

– Mt. Helen campus, Federation University Australia, University Drive, Ballarat, Vic. Australia.

Hosts Federation University Australia, La Trobe University, Deakin University, Charles Sturt University, University of Melbourne, Parks Victoria and other research partners. No registration fee. Keynote Professor Leslie Hughes, Pro Vice-Chancellor (research integrity and development) and Distinguished Professor of Biology at Macquarie University). Contact (03) 5327 8000 or email s.florentine@

federation.edu.au

17: Women in Forest Industries workshop – Canberra, Australia.

More information and registration inquiries to Natalie Heazlewood. Email: natalie.heazlewood@ausfpa.com.au

17: Joint seminar and tour by WoodSolutions and Western Sydney University’s Centre for Smart Modern Construction – Sydney, Australia.

Presenter Lucy Black, head, business relationships at the Construction Scotland Innovation Centre (CSIC), which works with industry to develop the very latest in off-site construction. 10.30am to 1.30 pm at Karstens, 111 Harrington Street, Sydney. Cost: \$75 (inc. gst). Morning tea and lunch provided. CPD certificates of attendance available for all professions. 1 formal CPD points available for architects. Contact 0420 232 253 or email info@tdansw.asn.au

22: Celebrating International Day of Forest – The Ship Inn, Stanley Street, South Brisbane, Australia.

6.30pm. Guest speaker Timber Queensland CEO Mick Stephens (Opportunities and Challenges for the Timber Industry in Queensland). RSVP by March 11 – email ifaqlddivision@gmail.com

26-29: AUSPACK Packaging and Processing Week – Melbourne, Australia.

APRIL

1-2: National Sustainability Conference – Brisbane, Australia

4: Built Evolution Conference – Perth, Australia. 'Taking timber to new heights' – Timber Insight. For additional information contact Greg Meachem Tel: 08 9791 4599; Mob: 0498 121 262, or email: greg@timberinsight.com.au

JUNE

16-21: 2019 DANA Ecuador Forestry and Agri-/Aqua-business Investment Tour – Ecuador.

This event will introduce potential investors to the forestry and agri- and aqua- business; as well as the commercial, financial, political, and economical aspects of investments in Ecuador. Included will be field visits to operating forests, manufacturing, and processing of wood products, and selected agri- and aqua- export oriented operations. For further information and to register see: <https://danaevents.co.nz/2019ecuador/>

17-18: Frame Australia – Crown Promenade Melbourne, Australia. A dedicated conference and

exhibition will allow delegates to fully understand the exciting developments in the Timber Offsite Construction space. The conference will feature prominent local and global experts, with topics exclusively devoted to timber and mass wood building construction. It will be the only event that will enable delegates to appreciate the world-wide transformation that is taking place and how building costs are being lowered. At the Frame Australia exhibition, booth sizes will be larger at no extra cost, with booths two to three times the previous floor area without any change in pricing from 2018. Visit www.frameaustralia.com

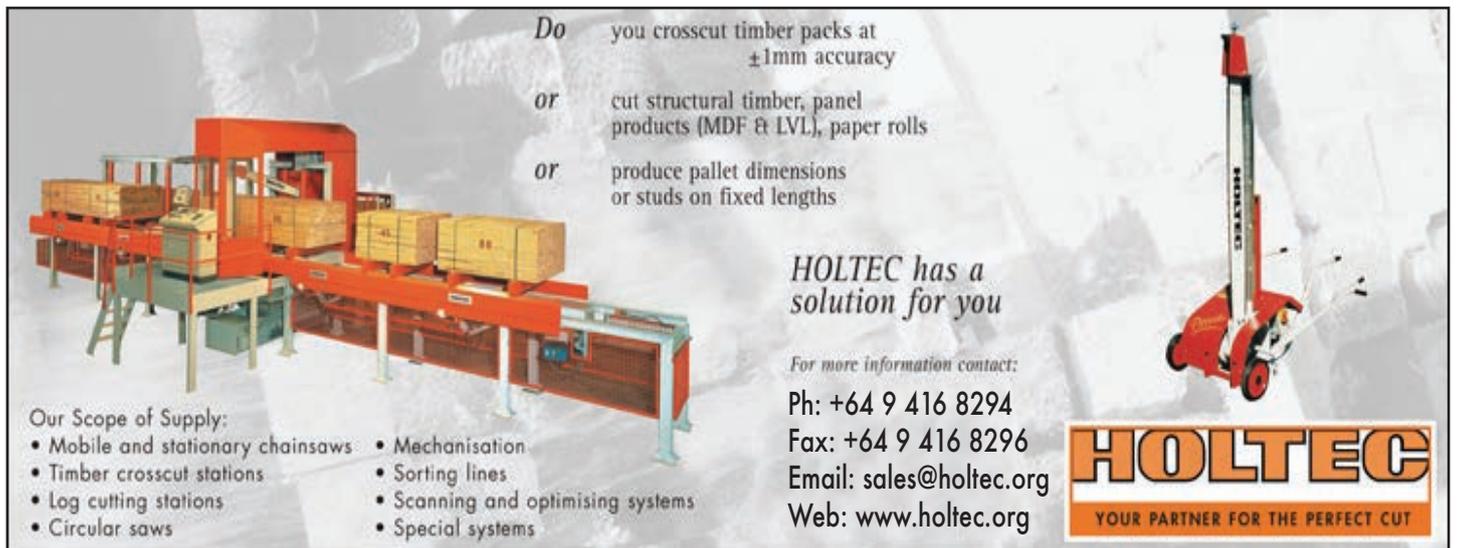
19: AFPA board meeting and members’ dinner – Canberra. 6pm.

20: AFPA members’ forum and chamber meetings – Canberra, Australia.

MID OCTOBER

The 20th Australian Timber Design Awards presentation dinner – Melbourne, Australia.

Entries open February 11 and close June 28. Peoples’ Choice voting August to September. Sponsorship options available. Contact 0420 232 253 or email inbox@timbedesignawards.com.au



Do you crosscut timber packs at ±1mm accuracy

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

OR produce pallet dimensions or studs on fixed lengths

HOLTEC has a solution for you

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

HOLTEC
 YOUR PARTNER FOR THE PERFECT CUT

Our Scope of Supply:

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

MARCH

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

APRIL

10-12: Focus on Forestry 2019 – Mpumalanga, South Africa. For further information see: www.cmo.co.za

MAY

7-9: Sixth Annual Forest Investment Conference – London, UK. Program includes three exclusive opportunities to discover the timberland asset class, with a practical seminar and building visit: and (post-conference) mill visits

to show why wood is an increasingly valuable product. Presented by Fastmarkets RISI and DANA, the event includes one-day mass timber construction seminar with a planned inspection of the MTC buildings in London (May 7); a two-day international forest investment conference (May 8-9) with agribusiness investment presentations; a two-day field trip to Scotland (May 10-11). Highlights of field trip include visits to plantation forests, a large sawmill, wind turbines and a biomass power plant; a field trip (delegates only) seminar on UK and Scottish and comparative UK, US, South and Latin American forest investment economics and returns a visit to a 1900-year-old Roman fort at Hadrians Wall. DANA director Dennis Neilson will be speaking in London about the highlights of a new RISI Review just published 'Russian Timber: A Growing Force in World Trade'. Email conferences@risi.com Tel: Europe: +32.2.536.0748 or US and international: +1.866.271.8525. Visit www.risi.com/invest

8-11: World Conference on forests for Public Health – Athens, Greece. For further information see: www.fph2019.org

20-23: A Century of National

Forest Inventories: Informing Past, Present and Future Decisions – Oslo, Norway. For further information see: www.nibio.pameldingsssystem.no/nfi100years

JUNE

16-21: 2019 DANA Ecuador Forestry and Agri-/Aqua-business Investment Tour – Ecuador. This event will introduce potential investors to the forestry and agri- and aqua- business; as well as the commercial, financial, political, and economical aspects of investments in Ecuador. Included will be field visits to operating forests, manufacturing, and processing of wood products, and selected agri- and aqua- export oriented operations. For further information and to register see: <https://danaevents.co.nz/2019ecuador/>

JULY

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

SEPTEMBER

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

SEPT/OCT

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

NOVEMBER

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

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

Residential building downturn bites into GDP

THE decline in expenditure on residential building became a stronger headwind for economic growth in the final quarter of 2018.

HIA senior economist Geordan Murray confirming expectations, figures released by the ABS this week showed a decline in residential building activity detracted from GDP growth.

New home building activity

fell by 3.6% during the final quarter of 2018 while home renovation activity declined by 3.1%. Despite the softening at the end of 2018, activity was still higher than in the same quarter a year earlier.

“Leading indicators of residential building activity gave fair warning that this result was coming,” he said. “Sales of new residential lots, new home

sales, building approvals and housing finance all deteriorated quite significantly during the latter stages of 2018.”

He said the tightening in the lending environment made life difficult for would-be buyers, while domestic and overseas investors had already retreated from the market.

“Despite the decline in

activity during the latter half of 2018, there is a large amount of residential building work to be done on projects that are still under construction, but the pipeline of new projects is not as abundant as it once was.”

The softening in leading indicators suggests that as existing projects reach completion there will be fewer new projects starting.

SmartStruct partners Frame 2019

THE Frame Australia Timber Offsite Construction Conference and Exhibition has announced SmartStruct Solutions will be principal partner for the Frame 2019 event at the Crown Promenade Melbourne on June 17 and 18 for the second year running.

Conference director Kevin Ezard said it was a significant step forward in encouraging the exciting opportunities now emerging for engineered wood products in building construction.

SmartStruct Solutions is a division of Tilling Timber, a family company with a national network for manufacturing, sales and distribution of timber products for more than 50 years.

SmartStruct specialises in provision of collaborative timber building solutions with



Crown Promenade Melbourne... glamorous venue for Frame Australia 2019.

a comprehensive range of engineered wood systems focused on mid-rise multi-residential and commercial building projects.

Tilling's national sales and marketing manager Leon Quinn said: "Our SmartStruct design team is made up of engineers, building designers, builders, building surveyors and frame and truss detailers, all working together to provide an integrated solution for each individual project.

"SmartStruct provides engineered solutions to meet growing demand by the building industry for faster construction and fixed time schedules, with less delays and lower costs," he said.

"At Frame 2019, the SmartStruct display will showcase high-quality engineered wood products and building systems sourced from local and global providers, with a wide range of options to achieve the most cost-effective and economical solution for

each individual project."

Offsite timber systems are already under way in revolutionising residential and commercial projects in Australia, creating a more sustainable and efficient industry.

The Frame Australia sessions program includes prominent local and global experts with topics exclusively devoted to timber and mass wood building construction – the only event for delegates to find out what's really happening in this space.

The spacious Crown Promenade Melbourne, part of Australia's largest purpose-built convention hotel, is the new and larger venue for Frame Australia, offering state-of-the-art conference and exhibition facilities to accommodate the expanded event in 2019.

THINK WEINIG

3 DAYS OF SOLID WOOD PROCESSING IN ACTION

WEINIG Australia is opening the doors and unveiling their new showroom. Take advantage of this exclusive opportunity to see 1,000 square metres of innovative equipment, including models never see in Australia. Over 20 machines will be demonstrated live. This specialised event will showcase a large range of solid wood processing equipment including Planers, Moulders, Grinders, Measuring Systems, Optimising Saws, Rip Saws, Finger Jointer and 5 Axis CNC.

REGISTER

**AUSTRALIA INTECH
3 - 5 APRIL 2019**



**www.weinig.com
1800 736 460**

Lightweight timber construction grows within the mid-rise sector

Successful projects using mass panel and glulam products

AN informative and practical 'font-end' focused presentation at the 'extending higher' seminar in Melbourne last week examined both CLT manufacturing and on-site installation processes.

The presentation by XLam's contract manager Tyson Infanti highlighted key considerations for delivering successful projects with mass panel and glulam products and what the important considerations are to deliver the job right and on-time.

The highly visual presentation provided some excellent practical points gathered over many years of experience that are now delivering these mass timber projects in Australia.

National sales manager for medium density and multi-residential projects at Timbertruss Jim McAdam examined lightweight timber construction opportunities. He discussed the range of prefabricated



Speakers at the Melbourne seminar... Paolo Lavisci, WoodSolutions, Tyson Infanti and Paul Kremer, XLam, and Dr Alastair Woodard, WoodSolutions program manager.

lightweight timber framing products available and how lightweight timber construction was developing within the mid-rise sector and the key prefab and on-site considerations for a successful timber project. He closed with a highly impressive video of the major new frame and truss

facility that Timbertruss has built at Corio and the amazing new prefabricated systems that it will be able to deliver in the future.

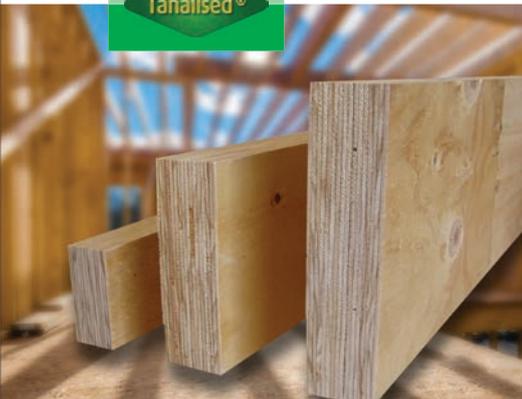
“AMAZING NEW PREFABRICATED SYSTEMS OF THE FUTURE”

Following a networking morning tea break, two premier Melbourne projects were presented, including the recently completed Monash University student accommodation and the exciting new vertical extension at Melbourne Central. Simon Topliss

Cont P 12



Lonza | Wood Protection



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

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

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

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

Looking to enhance your engineered wood products?
Contact Lonza.

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

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

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

MALAYSIAN WOOD EXPO 2019

www.malaysianwoodexpo.com.my

TAKE YOUR BUSINESS TO THE NEXT LEVEL

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

Come and meet key people in the timber industry who are set to provide advance solutions and unparalleled opportunities that will empower your business.

Jointly organised by:



NOV 19-21 2019

PUTRA WORLD TRADE CENTRE
KUALA LUMPUR, MALAYSIA



For enquiry, contact us at:

info@malaysianwoodexpo.com.my

From P 10

from JCB Architects and Ryan Spittel from Monash University opened with the new Gillies Hall student accommodation building that Monash has just completed as part of its 'net zero' initiative. The building is a six-storey structure built to a full passive house standard with the top five storeys using CLT walls and floor plates.

Simon and Ryan both enthusiastically described this very successful project – from its benefits with early contractor involvement, speed of construction, unparalleled passive house performance, and high-quality ambience



- 1/ Talking higher timber construction... Jack Alam, Kane Constructions, Chris Wood, Standstruct, David Peda, Kane Constructions, and Alistair Holmes, Sinjen.
- 2/ On the seminar panel... Lachlan Cameron, GPT Group, Jim McAdam, Timbertruss, Simon Topliss, JCBA, Ryan Spittel, Monash University, Tyson Infanti, Xlam, and Laurence Ritchie, WoodSolutions.
- 3/ Confering in Melbourne... Jon Shanks, TimberEd, Nigel Ciuffetelli and Richard Salter of Arup.

SOLID NEW PROJECT LEADS ESTABLISHED

and appearance. The second case study was the hugely impressive proposed 10-storey timber office extension and sky-



Find out more about EWPA certification.

The mark of safety, reliability and trust.



Product Certification <hr style="width: 50%; margin: 5px auto;"/> Research & Development	Education & Training <hr style="width: 50%; margin: 5px auto;"/> Technical Promotion	Standards Development <hr style="width: 50%; margin: 5px auto;"/> Market Maintenance
---	---	---

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

lobby at Melbourne Central. Lachlan Cameron, development director with the GPT Group gave a highly inspirational presentation noting the reasons why timber was used by GPT for this flagship project. The final speaker was Laurence Ritchie, the WoodSolutions mid-rise advisory program's cost and program estimator who discussed the key considerations to achieving the most cost-efficient timber project, including approaches to optimising designs, value management processes and risks. The morning was rounded off by a speaker panel

session and questions from the audience which provided a very insightful, informative and engaged conclusion to the seminar. Feedback from the attendees was excellent, and some solid new project leads were established with attendee designers and the Mid-rise WoodSolutions Advisory Team, which will now be followed up and which hopefully will lead to further new mid-rise timber buildings under construction in the very near future. Further information can be obtained from Dr Alastair Woodard, email woodard@woodsolutions.com.au

Three good storeys about timber mid-rise

Model illustrates wide range of structural timber elements and connections

MORE than 80 building professionals, architects, designers, engineers, developers and educators joined timber industry guests in Melbourne last week to visit and investigate the amazing new WoodSolutions demonstration model.

The inspection preceded a half-day WoodSolutions seminar 'Extending Higher – Latest in Timber Construction' at Holmesglen Institute (see story, P 10, 12).

Rothoblaas sponsored the highly appreciated hot breakfast while answering



Three-storey WoodSolutions mid-rise demonstration model

The full-scale three-storey WoodSolutions mid-rise demonstration model provides a physical representation of a seven-storey mid-rise timber apartment building and illustrates a wide range of structural, fire and acoustic system requirements for mid-rise buildings to the current National Construction Code performance and deemed-to-satisfy provisions.

At the lower level the demonstration model is fully finished just like a real apartment; the middle level is partially finished with a good proportion of the timber structure exposed; and at the upper level the timber structure is totally exposed.

“ CUT-AWAYS SHOW SYSTEM COMPONENTS

questions on its mid-rise products. The mid-rise advisory program (MAP) team Gerry Neylan, Paolo

Lavisci and Laurence Ritchie explained the model elements of the structure.

Cont P 14

The Solid Timber Experts

- IMPROVE** product quality
- INCREASE** volume output
- REDUCE** downtime

Now servicing New Zealand

Accurate accurateaustralia.com | accuratenz.co.nz
Freecall 1800 077 862

@AccurateANZ

From P 13

Throughout the demonstration model cut-aways are provided at different points to show the system components.

The model illustrates a wide range of structural timber elements and connections, including both lightweight construction methods with prefabricated floor cassette systems and wall and roof truss framing, as well as mass system products such as LVL, CLT stair shaft and floor panels and glulam post and beam construction. The model also illustrates external cladding systems for both lightweight and mass timber walls and different acoustic build-up options for floor/ceiling systems.

A touchscreen monitor at the model entrance gives a short concise WoodSolutions summary video explaining the model and its intent. A



Development director with the GPT Group Lachlan Cameron and Milos Slavic of Rothblaas Building Professionals inspect the WoodSolutions mid-rise demonstration model.

wide range of MAP sponsor products are included in the model with QR internet code links to further product information.

An extremely beneficial aspect of the model is the ability to show actual full-scale mid-rise timber building system elements as part of the model cut-away sections. The MAP team regularly reminds the professionals it consults with that mid-rise timber DtS construction is all about the 'system'; while

timber members might carry the structural loads, this timber needs to be protected by fire-rated linings, automatic sprinklers and appropriate acoustically performing products.

As mid-rise buildings are quick to construct it means

“FULL-SCALE MODEL WAS THE PERFECT ANSWER”

there is only a very limited window of opportunity to visit one during construction, so a permanent full-scale model was the perfect answer.

With strong linkages to educational institutes through the WoodSolutions education program, Holmesglen was approached to partner on the initiative. Dr Alastair Woodard, WoodSolutions educational manager, said Holmesglen appreciated the opportunity to bring industry closer to the institute and jumped at the invitation to be involved in a three-year MOU.

Holmesglen is also looking to run a number of trade-related courses focused around the model and teaching prefabricated mid-rise timber design and construction.

For further information on the WS mid-rise demonstration model contact Laurence Ritchie on email laurence.ritchie@woodsolutions.com.au



STEPHEN MITCHELL ASSOCIATES
Illegal Logging Due Diligence solutions for importers of timber and wood product

AVAILABLE SERVICES

- Establish Systems and Procedures**
- Review Existing Due Diligence System**
- Illegal Logging Risk Assessments**
- Advice / Help Desk**
- Help Respond to Government Compliance Notices**

Contact Stephen Mitchell
 02 8006 8850 | 0432 860 100 | steve@smassociates.com.au
WWW.SMASSOCIATES.COM.AU



Communities could help in quest to fill country's wood fibre basket

THE recognised global population growth explosion has created a need to find more sustainable sources of raw materials.

According to the United Nations, the current world population is at 7.6 billion and it has been projected to reach 8.6 billion in 2030 and 9.8 billion in 2050, adding roughly 83 million people each year.

The Australia Bureau of Statistics recorded that the population grew by 380,700 people in the last year to reach a total population of 24.9 million by March 2018. One of the major sources of sustainable raw materials needed is timber – the ultimate renewable source as trees harvested are re-planted

So the questionhow does Australia create more wood fibre sustainably. This can be achieved through the education of the community, a partnership with the agricultural sector, and the reduction of exportation.

An immediate way of increasing the domestic supply of wood fibre would be to involve communities and schools in the process. The first step is to find areas deemed commercially viable for the harvest of trees. This could involve looking into areas in timber hubs, and harvesting a greater number of trees outside of the plantations within the hubs.

Rather than just harvesting

“ INVOLVE SCHOOLS AND COMMUNITIES IN THE PROCESS ”



Gabrielle Schiller, 18, of Brisbane... second place winner in the Timber & Forestry eNews essay contest held in collaboration with HQ Plantations, FWPA, and Responsible Wood. Gabrielle is an undergraduate student at the University of Queensland working to complete her degree in communications. She wins \$500 and a set of books on forestry.

a large area in one hub and disturbing the natural habitats of that area, the industry should harvest smaller areas in multiple hubs around the country, for example in the Green Triangle and the Riverina.

This would result in the natural habitats ultimately staying in tact, and furthermore result in an immediate increase of harvested wood in Australia.

To achieve sustainability, the industry should involve the community in the process of replanting. By introducing programs in schools and involving school children in the replanting of the trees in surrounding areas, it would provide the community with education on the issue and promote a sustainable industry in the community. Consequently, this would gain the approval of the community and prevent the

negativity that could arise against the harvesting of an increased number of trees.

If more trees are harvested in commercially-viable areas around the country, and the communities are involved in the process, it would result in an immediate increase of Australia's wood supply.

An ongoing solution to increasing the output of wood fibre is to incorporate a direct partnership with the agricultural and farming industry. ABS recorded that in 2017, 51% of Australia's total land was used for agricultural purposes, corresponding to 239 million ha.

Of all agricultural

Cont P 16

AIR FLOW PROBLEMS?

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

Smithco. Problem solved.



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



Industry backs log-only freight road

TASMANIA'S forest industry has called on the state government to back plans for a \$38 million freight route to shift logs to the state's north.

With hopes of finding a facility to export woodchips in south now dashed, a report by former Forestry Tasmania chief Evan Rolley recommended the government consider developing a freight-only route for log trucks along the 40 km Plenty Link Road and a new bridge across the River Derwent.

Forest Industries Association of Tasmania spokesman Andrew Walker said he was pleased the government had shown its willingness to back the recommendations in



Evan Rolley... recommending freight-only route for log trucks.

the report.

"The Rolley report called for priority for a new domestic processing plan and investment in an upgraded Plenty Link Road and rail infrastructure, along with new merchandising trials for value adding," Mr Walker said.

"We look forward to the state government's favourable support of these aspects of the long-term solution to southern forest residues.

"FIAT believes it is the government's role to invest in appropriate infrastructure

that underpins regional jobs – industry certainty that fosters increased private investment, which in turn delivers a favourable return to state-owned enterprises."

Opposition Leader Rebecca White on Tuesday said she was so far not convinced of the merits of the proposal.

"It is something that's worthy of consideration but it would need to provide answers and solutions for a range of industries using that freight corridor and the community would need to understand whether or not they could access it too," she said.

Greens environment spokeswoman Rosalie Woodruff was unconvinced. (Hobart Mercury)

From P 15

businesses in Australia, 88% are Australian owned and of those the majority are family owned and operated. This indicates that there is a vast amount of private land that may be available for multi-use in which furthermore could contain commercially viable areas of trees or areas suitable for plantation.

In agriculture it is recognised that in the early

days of land clearing, over clearing was a common practice. An ongoing partnership with the farmers would involve harvesting and replanting trees on their properties, effectively increasing the wood fibre supply now and in the future. Trees could be planted around the border of the properties, leaving the fields clear for crops and livestock and providing these with protection from the elements

and preventing erosion.

As well as the benefits of added protection for crops and livestock, plantations such as these would provide the farmers with an additional source of income and create much needed wildlife

corridors that currently do not exist.

While partnering with the agricultural industry would greatly benefit farmers, it would also generate an increase of regional employment, with the new plantations providing new jobs. Therefore, partnering with the agricultural industry would greatly benefit the production of wood fibre in the present and the future.

“ADDITIONAL SOURCE OF INCOME FOR FARMERS

Funding Round 2:
Submission deadline extended due to current fires

Growing the future of Tasmanian forestry

\$2 million research funding investment to boost sustainability, jobs and economic benefits in partnership with industry

With the support of the Australian and Tasmanian governments, the Launceston Centre of the National Institute for Forest Products Innovation has up to \$2 million available for research grants to grow the future of forestry. Individual research grants will range from \$50,000-\$500,000 and will be for periods of up to three years in duration. Tasmania funding proposals close on the extended date of Friday 15 March 2019 and should be lodged via email to funding.tas@nifpi.org.au For further information, including a proposal template and briefing document, see www.nifpi.org.au

About us The Launceston Centre of the National Institute for Forest Products Innovation is a joint venture between the Australian Government, the Tasmanian Government and the forest and wood products industry with the goal of growing forestry into the future.



Tigercat 1185 demo at open field day

GO-AHEAD national dealer in forestry and construction equipment Onetrak will demonstrate the new eight-wheel-drive Tigercat 1185 at a Gippsland, Vic, region open field day on March 27.

The Tigercat 1185 with powerful lift capacity is designed for high production applications, extreme terrain and demanding operating conditions.

The new 1185 is powered by the Tigercat FPT N67 Tier 2f engine, rated at 230 kW. The drive-train components – including the pump drive, transmission and the hydraulically balanced bogie axles – are engineered and built by Tigercat for extreme forest duty, long life and high up-time.

Tigercat-built bogie axles are hydraulically balanced and



Tigercat 1185... a heavy-duty harvester designed for high production, extreme terrain and demanding operating conditions.

designed for extreme duty and the exclusive WidRange transmission produces extremely high tractive effort for unprecedented steep slope performance

Onetrak and Tigercat invite all those interested to watch the demonstration and meet the Onetrak team and Tigercat representatives. The demonstration will take place between 9 am-3 pm, followed by an evening dinner sponsored by Tigercat and Onetrak.

Onetrak was founded by David and Jaime Hazell in 2006 and has grown from a small single construction equipment franchise in Brighton, Tas, to seven branches, a head office, 35 field service vehicles and more than 100 staff members across Tasmania, Victoria, New South Wales, Western Australia, South Australia and Queensland.

The business offers new and used machine sales, hire equipment, service and parts.

Tigercat, with headquarters in Brantford, Ontario, operates from 10 southern Ontario locations. These facilities house the design and production teams for all Tigercat products as well as steel fabrication, administration, customer service and parts distribution.

Serving the southern US, a large parts distribution and training centre is located in Ailey, Georgia. Tigercat also operates a sales, service and parts distribution facility in Hede, Sweden.

For further information on the in-field demonstration, contact Onetrak representatives for further details: Rod Wilson (Tas) 0409 711 117; Shane Ricardo (Vic-SA) 0439 739 832; Phil Turnbull (NSW, Qld, NT) 0418 472 839; and Hendrik Visser (WA) on 0427 102 968.



Some standards enforced in Australia originate from international certifying bodies

Think Global (not just Local)

Always purchase appropriately certified imported timber products



Australian Timber Importers Federation Inc
www.atif.asn.au

Certification verifies timber for credits

HOW forest certification can be used to verify the origin of timber materials for Green Star and Home Star projects was at the centre of conversations between the New Zealand Green Building Council and Responsible Wood's marketing and communications officer Jason Ross.

"There is some confusion in the market place potentially including Green Star and Home Star accredited professionals in relation to chain of custody and claiming timber material credits," Mr Ross said.

"Chain of custody ultimately verifies the origin of forest timber and maintains environmental and social

benchmarks for practice through its supply chain," he said.

Mr Ross said in New Zealand, as in Australia, timber sourced from PEFC or Responsible Wood certified forests would carry a PEFC or Responsible Wood CoC claim. This demonstrated the PEFC claim for material credits under Green Star and Home Star.

Responding to confusion surrounding the 'chain of custody' formal claims process, Mr Ross advised that 'final claim' on product was the crucial step in demonstrating that timber material was suitable for a project.

"The principal of chain of custody is that the 'final claim' on product demonstrates that all previous steps in the supply chain meet chain of custody requirements," he said.

"For Green Star or Home



Jason Ross... ongoing confidence for timber purchasers.

Star projects, professionals only require the single claim, the required documentary evidence, at the final point of purchase that the product meets all PEFC standards."

Mr Ross said an independent certification body that audited businesses to a chain of custody standard provided ongoing confidence for timber purchasers.

Responsible Wood and PEFC will continue to work with the NZGBC as a strong

advocate for the adoption of the Green Star and Home Star rating systems in commercial and residential projects.

"We are happy to work with the NZGBC in providing greater clarification, specifically around PEFC and how forest certification can meet material credit requirements," Mr Ross said.

Responsible Wood and PEFC chain of custody ensures that processors, manufacturers, merchants and retailers source forest products from a sustainable origin and maintain the link through the supply chain.

More than 12 million ha of certified forest is now covered as part of the Responsible Wood and PEFC Sustainable Forest Management certification scheme making it the largest and most diverse forest certification scheme across Australia and New Zealand.

“FINAL CLAIM ON PRODUCT THE CRUCIAL STEP”

Volunteers hit Bom Bom state forest to help Clean Up Australia

THE Grafton Cycle club joined forces with Forestry Corporation of NSW for a Clean Up Australia Day event in Bom Bom state forest last Sunday.

Forestry Corporation

of NSW's Partnerships Coordinator Jodee Sparrow voted the day a success and thanked the volunteers for their time and effort.

Twelve volunteers from the club braved the rain

to help improve the local environment.

"It was fantastic to see the club and other volunteers get behind the event," Jodee said. "Through their efforts, the area is safer and more

enjoyable for other visitors."

In May the club will host a round of the Tier 1 national marathon mountain bike event, showcasing the forest tracks.

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

HEAD OFFICE

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

PUBLISHERS

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

MANAGING EDITOR

Jim Bowden | +61 (0) 401 312 087

ADVERTISING

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

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

Forest Investment Conference

The global timberland investment landscape, regional comparisons, trends and opportunities.



May 7-9th 2019

Radisson Blu Portman Hotel, London, UK

Register today
risi.com/invest

In cooperation
with:



Hyundai's good Korea move on electrics a challenge to Chinese

Ioniq takes on Japan, too, with price appeal and three powertrains

BEIJING is trying to win the race by ensuring the electric vehicles of the future are built in China

By 2035, it's estimated that there'll be more than 11 million electric cars bought every year worldwide – and more than half of those will be driven in China.

But there's a real challenge from South Korean motor company Hyundai which is giving Australian enthusiasts what they want in truly eco-friendly electric car options.

The 2019 Ioniq is Hyundai's first-ever green vehicle on sale in Australia, with a choice of three eco-friendly electrified powertrains, now wrapped in a striking fastback body – a series hybrid, a plug-in hybrid and the pure-electric. The range starts with the Hybrid, priced from \$33,990 before on-road costs, jumping to \$40,990 in Plug-in hybrid guise. Topping the range is the Electric at \$44,990.

What's in a name? Ioniq is a blend of the words unique and ion, which is an atom that has a non-zero net electrical charge. I'm glad we got that sorted.

The Ioniq Electric boasts a pure-electric range of 230

“BOASTS PURE-ELECTRIC RANGE OF 230 KM



1

1/ **Up for the challenge... the 2019 Hyundai Ioniq.**

2/ **Inside Ioniq... safety, convenience and driver appeal**



2

km and can charge its high-voltage lithium-ion polymer battery to 80% capacity in about 23 minutes.

The Plug-in (tested here) makes electric-only commuting a reality, with its ability for EV trips of up to 63 km with the option for easy overnight charging of the high-voltage battery.

The range-opening Hybrid presents an accessible and user-friendly taste of electric motoring, with a petrol-electric system that helps achieve exceptional fuel economy.

The car offers an accessible entry to electrified driving, with a petrol/electric powertrain that teams a 1.56 kWh battery and 32 kW, 170Nm synchronous motor with an Atkinson cycle petrol engine and

Ioniq is available in 'elite' and 'premium' trim levels, and each boasts safety, convenience and driver appeal familiar from Hyundai's conventional-engine line-up.

Occupants are protected by 'forward collision-avoidance assist' with pedestrian detection, blind-spot collision warning and rear cross-traffic collision Warning systems, as well as driver attention warning and lane keeping assist.

A smart cruise control system completes the SmartSense suite in every version – in Ioniq Electric this is complemented by a stop-and-go function.

Like every Hyundai passenger car, the new range benefits from thousands of kilometres of local tuning to deliver enjoyable steering and handling with superb comfort on Australia's city or country roads.

In a battle against the Toyota Prius, it's round two for the Ioniq which lost out to its Japanese rival when the two regular hybrids met two years ago.

But now the Ioniq returns with plug-in power to test the all-round ability of the Prius plug-in using a boost from a battery pack that can be charged from the grid. Both these cars boast impressive efficiency in a similarly sized, styled and priced package.

Ioniq's big attraction though is its low price and those three powertrain configurations – so far unmatched by any competitor.

MOTORING



With ORSON WHEELS

dual-clutch automatic to provide a conventional driving experience and exceptional 3.4 litres/100km fuel economy

The Plug-in offers electric-only trips up to 63 km from its 8.9 kWh li-ion polymer battery.

With a 44.5 kW, 170 Nm synchronous motor and a range-extending Atkinson cycle petrol engine/dual-clutch automatic combination, the Plug-in delivers smooth, responsive driving and 1.1litre/100 km fuel economy.

Every 2019 Hyundai

JOB SEEK

TIGERCAT IS HIRING

 SOUTH EASTERN AUSTRALIA

Product Support Representative

Apply in writing with your CV to
Glen Marley at gmarley@tigercat.com



See job details at
www.tigercat.com/career-portal

TIGERCAT IS HIRING

 WESTERN AUSTRALIA

Product Support Representative

Apply in writing with your CV to
Glen Marley at gmarley@tigercat.com



See job details at
www.tigercat.com/career-portal

EMPLOYMENT SPACE AVAILABLE

Timber & Forestry E news offers employment ads covering the industry.

Priced at a very competitive rate of \$210 +GST, ad includes the option to include your company logo.
Place your employment ads by emailing johnh@timberandforestryenews.com by 12 noon each Wednesday.

DELIVERED
WEEKLY TO
15,200
GLOBAL
READERS*

ADVERTISING RATES

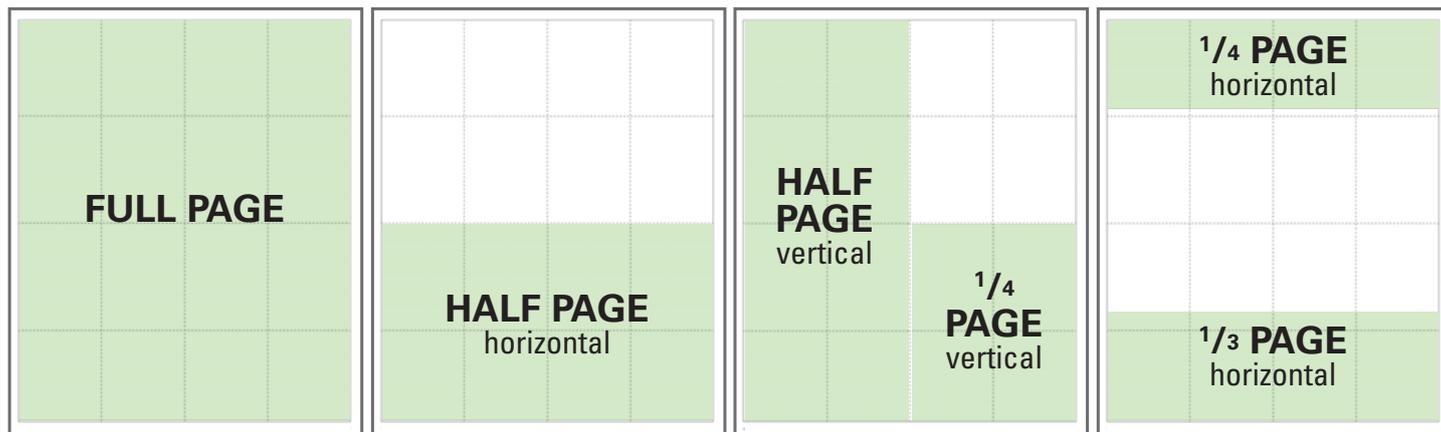
timber
& FORESTRY *e*NEWS

Now in its 11th year, Timber&Forestry enews has grown to be the Number 1 online weekly news journal for the forest and forest products industries – across Australia, New Zealand and internationally.

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

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

AD FORMATS



DISPLAY AD RATES

FULL PAGE: \$485

297mmH x 210mmW

HALF PAGE: \$290

Vertical • 254mmH x 93mmW

Horizontal • 125mmH x 190mmW

QUARTER PAGE: \$180

Vertical • 125mmH x 93mmW

Horizontal • 63mmH x 190mmW

THIRD PAGE: \$215

Horizontal • 73mmH x 190mmW

PAGE 1 Front cover strip: Contract booking

Horizontal • 30mmH x 190mmW

PAGE 1 Front cover module: Contract booking

Horizontal • 45mmH x 49.5mmW

PAGE 2 below story: Contract booking

Horizontal • 73mmH x 190mmW

PAGE 3 Column strip: Contract booking

Vertical • 254mmH x 44.5mmW

COMPANY PROFILE full page: \$485

JOB SEEK AD RATES

PER EMPLOYMENT AD: \$210

with FREE company logo

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

ARTWORK RATES

Contact: zonya@creativebirddesign.com for a quote

TERM DISCOUNTS

12 WEEKS: 7.5% 24 WEEKS: 10%

48 WEEKS: 15%

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

Delivered every Thursday, 48 weeks of the year to industry decision makers in Australia, New Zealand, the Asia-Pacific, North America, UK and Europe.

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

DEADLINES

Display ads: Book by 10am Tuesday prior to publication

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

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

TERMS

New clients invoiced on booking. Existing clients 14 days.

WHO TO CONTACT

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

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