

DELIVERED
WEEKLY TO
15,200
GLOBAL
READERS*

Like and
follow us on 

ISSUE 713 | June 30, 2022

timber & FORESTRY *e*news

timberandforestrynews.com

**TOC gets all the TICKS: best show
ever for latest in off-site construction**

COVER STORY P 6



ForestFit™

SETTING INDUSTRY
STANDARDS

www.forestfit.com.au



**Responsible
Wood** RW/1-10-1

New AS/NZS 4708
Standard
recognised by
Green Star

Click here.



**MARGULES
GROOME**

FIRST FOR FORESTRY CONSULTING

www.margulesgroome.com



TIMBER NSW

Action, not words.

Follow us on Facebook for
up to date news and features 



Building a strong industry for you
CAREERS / TRAINING / SAFETY / SERVICE

Contact us on
1800 822 621

Canadian research: performance of mass timber in fire tests similar to non-combustible construction

Tests by explosives laboratory give insight into fire dynamics in an open-plan office space

A CANADIAN research fire test on mass timber has shown structures withstood a full burnout once the furnishings of the building were consumed – then the fire quickly died down and burned out.

This follows a full-scale fire test at the Canadian Explosives Research Lab in Ottawa, hosted by the Canadian Wood Council.

More than 150 experts from across Canada, including fire officials, building regulators, insurance industry representatives, engineers, and architects, witnessed the unique event to learn about and observe the behaviour of mass timber construction exposed to fire.

To date, the majority of exposed mass timber compartment fire tests have simulated residential occupancies. This latest test demonstrated the



Expanding market for mass timber for taller structures with a focus on carbon impacts.



The Canadian test provided insight into fire dynamics in a larger space.

fire performance and fire dynamics in a typical occupied open-plan office space in a mass timber building.

The space is much larger than previous tests, both in the area and floor-to-ceiling height, complete with a large fire load of simulated furniture and other contents.

The test provides insight into the fire dynamics in a larger space, typical of those seen in modern mass timber office buildings as opposed to research testing to date, which focused on smaller fire compartments with lower ventilation.

The research fire test on mass timber performed as expected: the mass timber structure withstood the full burnout once the furnishings of the building were consumed, then the fire quickly died down and burned out. The fire largely burned out

within the first hour. However, the test was continued for a full four hours to monitor for any potential re-ignition.

As a research test, the structure was instrumented with 400 thermocouples and radiation sensors providing information to document the fire development.

It can be concluded that the fire performance of the mass timber structure was similar to that of non-combustible construction and confirms that mass timber can perform well under the very rare fire scenario in which the sprinkler system fails and the fire department is unable to respond.

The past decade has seen explosive growth in mass timber. In 2015, the world was producing 500,000 cub m of mass timber, the vast majority of that in Austria. North America was producing about 100,000 cub m³. Since then, production has grown exponentially. Available figures shows global production has topped 3.1 million cub m – 40% year-on-year growth.



THE CHOICE IS YOURS.

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

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

For more information call us now on 1800 088 809.



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

The challenge of change for the timber industry is still with us ... and women are a very big part of it

'I'm the first Hyne female to work for the company, with no doubt more Hyne women to come'

JIM BOWDEN

"PRIVATE companies have merged, closed or changed hands bringing on new generations of leaders, among them women who now hold key positions at the front of our industry."

Interstate and unable to attend, industry identity Errol Wildman's remarks were presented at a luncheon in Brisbane last Thursday celebrating the 140th anniversary of Hyne Timber and 40 years since the Sunshine AusTIS 82 Conference in Caloundra 40 years ago.

Mr Wildman, who was co-chair, said the Australian Timber Industry Stabilisation Conference had a strong connection with the Hyne family in particular. It was at Caloundra 40 years ago that the committee presented a trophy to Hyne patriarch Richard Lambert Hyne marking Hyne's centenary year and the conference theme 'The Challenge of Change'.

"And the challenges continue," Mr Wildman said.

“THE INDUSTRY BENEFITS ALL AUSTRALIANS AND WE MUST KEEP FIGHTING FOR ACCEPTANCE



Kelly Hyne (second from right) and Katie Fowden, manager strategic relations, Hyne Timber, with industry champions... forester Dick Pegg and cypress sawmiller Harvey Goodchild.

"The native timber industry continues to be plagued by lies and suspect science with many politicians accepting short-term views to satisfy green minorities ... reductions in harvest volumes and forests closed to harvesting.

"The plantation industry is now a major force in the construction industry with engineered wood products and modern robotics in harvesting and production. However, not without its detractors. And the native timber industry is still under attack.

"The plantation industry with all its environmental benefits to Australians has to keep fighting for community acceptance and the need to expand.

"In 1982, these were also the challenges faced by the industry. The conference in all its aspects assisted the industry to face this continual challenge.

Kelly Hyne, a fifth generation member of the

family and working with cousins Peter and James, was guest speaker at the luncheon, held at the

Tattersalls Club in Brisbane.

"As a young child, my father Chris Hyne used to pilot my siblings and I in a small plane to visit our sawmills out west. My father was there for work, we were there to explore, sawmills quickly becoming our playground, getting lost in the intrigue and adventure.

"We'd go on family walks through rainforests where my father would point out the various species, explain their identifying features, making a bit of a game of it to entertain us along the way.

Cont P 9

The united voice for Australia's forest industries



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



Cashing in on carbon: new market place helping native forests to grow and thrive in New Zealand

THE first voluntary carbon credit marketplace, Carbonz, is here to restore native biodiversity and help New Zealand reach its carbon zero goals by selling the first carbon credits exclusively from native forest.

Climate change PhD candidate Finn Ross, the founder of Carbonz, says the foundation of the business is rooted in allowing Kiwi businesses and investors to maximise the impact of their carbon offsets via supporting native forest.

“There is currently little liquidity in the marketplace for carbon credits,” Mr Ross says. “Typically, carbon credits are sold in large blocks via the emissions trading scheme



Justine and Geoff Ross and son Finn check native plantings on Lake Hawea Station in the Otago region.

with infrequent trades.”

Mr Ross said the existing ETS for carbon offset purchases was not well set

up for an industry hoping to support regeneration of native forests.

“It’s made for foresters with pine monoculture plantations,” he said. “Carbonz is for those who want to see greater restoration of native forests.”

The rate and trajectory of land use conversion to monocrop pine plantations in New Zealand has exponentially increased, largely fed by the increasing price of carbon. Carbonz is a platform that provides an incentive for farmers to derive financial value for restoring native forest and associated biodiversity on their land, not planting pines.

The latest Intergovernmental Panel on Climate Change report outlines that best practice for carbon sequestration through trees is to maintain or restore

natural species and structural diversity, leading to more diverse and resilient systems.

“Our country has committed to being carbon zero by 2050, and we need a country-wide support network of emissions reduction and carbon sequestration to achieve this,” Mr Finn said.

“The reality is, most organisations won’t be able to reduce emissions to zero, and therefore buying carbon credits or carbon offsets will be a key part of their sustainability strategy. Carbon offsetting promotes management on farms that incentivises carbon sequestration, like tree planting, pest control, and stock exclusion.”

A large portion of trees planted for carbon farming in New Zealand is pine, leading to issues around native biodiversity and the value of native forest.

“We don’t want New Zealand to become one large pine forest and people don’t understand that carbon credit farming is creating this reality.

“A pine forest generates 30-40 years’ worth of carbon returns before indefinitely plateauing. New Zealand has exceptional native forest species that can provide long-term benefits of not just carbon sequestration, but selective high quality timber, increased biodiversity, soil, water and other spiritual benefits.”

Carbonz is partnering with CarbonCrop, a NZ company using artificial intelligence to measure carbon sequestration to bring buyers and sellers of native carbon credits together.



TABMA TRAINING

- ✓ Customised training solutions
- ✓ Flexible training delivery
- ✓ Highly skilled trainers
- ✓ NEW: Online WH&S eLearning

MEMBER ONLY OFFER: SAVE \$450
 1 FREE TRAINING MODULE





Call us and upskill your team today!!

Call 1300 693 483

tabmatraining.edu.au

“

MAXIMISING
THE IMPACT OF
CARBON OFFSETS
FOR INVESTORS

Workers flying north for the winter as 50,000 new southern residents choose to live in Sunshine State

A SLOW return of overseas migration is easing the adverse impact of a loss of workers from Australia's two largest states, says Housing Industry Association chief economist Tim Reardon.

"In 2021, more than 54,700 residents left New South Wales and Victoria as the Covid exodus to the regions continued," Mr Reardon said.

"In the final quarter of 2021, however, the number of overseas arrivals more than offset this loss of inter-state migration."

The loss of resident population in NSW and Victoria in the final quarter of 2021, has seen a growth of population in all other states and territories, except for the Northern Territory. Most notable, more than 50,000 new residents moved to Queensland in 2021.

"This remarkable ongoing shift in the location of the resident population has been a significant driver of the acute shortage of rental accommodation in Australia," Mr Reardon observed.

"With the return of



overseas migration, Australia's annual population growth has started to recover from the Covid shock with the resident population increasing by 0.50% in 2021. This is compared to an average growth in the decade prior to the pandemic of 1.54."

Mr Reardon said a stable and reliable migration pathway for skilled workers was central to a strong, and growing, national economy.

The release of the initial 2021 Census data on Tuesday also includes the number of unoccupied homes in Australia. Unoccupied dwellings have consistently made up around 10% of dwellings in Australia in the past 35 years.

The 2021 Census shows

that 10.1% of dwellings were unoccupied on census night in 2021. The two main reasons for a dwelling being unoccupied were that it was a holiday home, or the residents were absent on Census night.

"This is not evidence of an under-utilisation of housing stock," says Mr Reardon, "but an indication that on any given night of the week, some households are on holiday."

Meanwhile, Australia's builders are struggling to find timber for items such as laminated veneer lumber – used for frames and beams – reportedly waiting up to four months for construction materials – and tools. For many, the wait has been up to nine months for trusses, used to build walls and roofs.

1/ Sunshine and jobs attract builders to Queensland

2/ Tim Reardon... Australia's annual population growth has started to recover.

Fears these shortages could send builders bust have been exaggerated, but the pain of delays and escalating price is real enough for tradies and clients.

There's no easy fix to the crisis. It has been caused by the confluence of four factors – government stimulus for the building industry; increasing reliance on imported lumber; the pressure placed on global shipping by the pandemic; and the effect of Russia's invasion of Ukraine on the world market.

If one had to choose a specific date for when the crisis began, it would be June 3, 2020 – the day the Morrison government announced its \$688 million homebuilder scheme. The scheme provided up to \$25,000 towards building a new home or renovating an existing one. State governments also subsequently offered building grants.



White-eared Honeyeater
(Photo Birdlife Australia)

Beautiful. Natural. Sustainable. Australian.

responsiblewood.org.au

Responsible Wood would like to congratulate the 2021 PF Olsen Australia and Birdlife Australia NSW Softwood Plantation Pilot Surveys.

RW/1-10-1

Responsible
Wood



TOC 2022: world-renowned presenters opened a valuable pathway to how we design and construct

Over 200 international delegates gained insight and inspiration from multi-session programs

“WHAT a great event after such a long wait – by far the best line-up in the 23-year history of the conference,” reflected event founder Kevin Ezard.

TOC2022 promised world-renowned and local presenters would provide a pathway through the design and construction process and outline the latest technologies and practices for successful building project outcomes.

TOC2022 delivered.

The opening address by expert and pioneer in the use of engineered timber, London architect Anthony Thistleton, showed the way. Anthony asserted that the net zero carbon future is in our hands, starting with sustainable building design.

Over two days June 21-22 more than 200 delegates from Australia, New Zealand, Europe, the UK and North America gained insight and inspiration from sessions in building design influences, construction productivity, manufacturing and technology, and global wood building projects, with a focus on identifying efficiencies, enhancing quality, and showing how innovation can create and determine new values and change how we design and construct.

A key part of Timber Offsite Construction (formerly Frame Australia) events are the project panels and forums. At TOC2022, the building project panel presentations were ‘living examples’ of the design and construction



1/ London architect Anthony Thistleton.

2/ Adam Jones, Xlam Australia (left), Mario Savva, Savcon.

3/ Jack Bowen Timbertruss (second from left) meets up with the WoodSolutions delegation Alistair Woodard, Eileen Newbury, Kevin Peachey and Sarah Downey.

4/ Joining the speaker session at TOC 2022... Mario Savva, Savcon, Philip Tondl, Lipman, and Nick Hewson, Viridi Group.



of mass timber buildings, with architects, engineers and key suppliers explaining their major challenges and solutions, imparting practical knowledge to all.

A ‘no-secrets-spared’ approach, sharing the bad with the good, flowed into the forum sessions.

“The discussion on ‘what not to do’ is just as important, if not more, than ‘what we know to do,’” said Mario Savva, managing director of Savcon, a leader in mass timber construction.

“There is nothing more positive nor proactive than

these open forums,” he said.

This open honest dialogue reflects the growing confidence developing in the offsite timber and mass wood sector and its world-leading projects; delivering exceptional value to all delegates – in person and virtual.

Yes, the virtual option at the first ‘hybrid’ event delivered. However, the benefits of

meeting ‘face-to-face’ were evident to all.

“In-person delegates commented on how essential it was to network and connect again.” said Kevin Ezard.

“Exhibitors particularly welcomed the opportunity to make new contacts and engage in a dynamic exchange of ideas.”

And, TOC2023 will deliver again

next year on June 20 and 21 2023.

Contact: Kevin Ezard at email kevin@frameaustralia.com or mobile 0419 538 638

On the cover: Part of the international contingent at TOC 2022... Markus Golinski, managing director, Hess Timber, Bavaria, Germany (left), discusses engineered wood innovation with Kieran Hayes, structural manager at XLam.

JULY

10-15: 65th The Society of Wood Science and Technology annual meeting – Salt/Peppers Mantra complex, Kingscliffe, NSW.

SWST activities include publishing wood and fibre science and accrediting undergraduate wood science programs in North American, South America, Asia and Europe. Registration open at

www.swst.org

SEPTEMBER

11-16: Gottstein Trust Understanding Wood Science Course – Sunday evening, September 11, 2022, in Albury, NSW, for the field trip component, ending on Friday, September 16, in Canberra.

The course is fully booked and a wait list is operating on a first-in-first-served basis.

Delivered in partnership with the ANU. The course program can be downloaded at www.gottsteintrust.org

OCTOBER

20-22: Forestry Australia Symposium – Albury, NSW.

Leading, adapting and reimagining: the future of forestry. Available in person or online www.forestryconference.com.au/

26-28: DANA-Gingko Global Woodchip and Biomass Trade Conference – Marriott Singapore Tang Plaza Hotel, Singapore.

Focus on woodchips and biomass. (Venue to be advised). Website live and early bird registrations now open. Visit <https://danaevents.co.nz/2022singapore> Contact conference organiser Mariela Ferrari marielaferriari@gmail.com

Traditional Owner project focuses on land care skills training

A COLLABORATION involving Responsible Wood certificate holders PF Olsen and Wespine has partnered with the Leschenault Catchment Council (LCC) south of Perth to further expand a project focused on safety management and training in land care-specific skills.

The council, governed by volunteer membership, started the project – Danju: Jobs Together – to provide employment opportunities for the Noongar People. Landcare services such as fencing and weed management, planting, fauna monitoring and native seed collection are provided through a partnership with existing Aboriginal-owned companies.

Responsible Wood sustainability manager Matt de Jongh, who recently visited community groups in Western

Australia, said the partnership benefited from the strong connection of Traditional Owners to the region and the application of local traditional knowledge to contemporary land management in the catchment.

“Two-way interaction includes training and administration support from LCC and advice from Noongar elders when planning activities to ensure cultural safety, extending expertise in Aboriginal mentoring and employment to the Danju project,” Mr de Jongh said.

With support from the South West Development Commission via the Collie Futures Small Grants Program in 2019, the Danju Project was given a funding injection to allow for the development of a formal business plan, including governance frameworks,



On site with the crew... Kelsey Johnson, PF Olsen, Matt de Jongh, Responsible Wood, Chris Howe, Danju and conservation works program manager, Shannan Turvey and Donald Little, Mallee Mungart, Adrian Azzari-Colley, Leschenault Catchment Council, Mark Jetta, Mallee Mungart, and Stewart Tutton, PF Olsen.

Roelands Village Academy (director, Les Wallam); and Harvey Aboriginal Corporation (director, Lesley Ugle).

The Leschenault Catchment Council Inc. is governed by a volunteer membership formed in 2000 through the amalgamation of two community-led

allowing the Danju to grow its business offering to a broader market.

The Danju project partnership includes Mallee Mungart (director, Phil Collard, based in Perth); Indigenous Workabout (director, Dean Wynne, based in Collie); Woolkabunning Kiaka Aboriginal Corporation/

natural resource management groups – the Leschenault Inlet Management Authority and the Leschenault Catchment Coordinating Group.

The Danju partnership has received widespread support from local MP’s, shires, government agencies, landholders and the broader community.



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

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




Australia gains while New Zealand plummets: IMD ranks and rates most competitive of 63 countries

NEW Zealand has performed miserably against 63 countries ranked for world competitiveness by the Swiss-based International Institute of Market Development.

The IMD 2022 Year book just published rates and ranks on 333 competitiveness criteria after comprehensive research using economic literature, international, national and regional sources and feedback from the business community, government agencies and academics.

In the 'overall' category for 2022, the 'hardy annuals' Denmark, Switzerland and Singapore took out the three top spots – as they regularly do.

Because of Covid-19

disruptions, it is useful to see where Australia and New Zealand ranked in the pre-pandemic year 2018 compared with 2021 and 2022.

Australia held pretty steady on Number 19 in 2019 before slipping slightly to 22 in 2021 but then picking up three places to be back to 19 again in 2022.

In contrast, New Zealand held the Number 23 spot in 2018, actually picking up to 20 in 2021; but then plummeting down to 31 in 2022. Anyone living in New Zealand would be surprised its competitiveness did not fall even further.

Among the sub-categories for economic performance Australia was ranked Number

MY VIEW



DENNIS NEILSON

16 of 63 in 2022, while New Zealand was a dismal 47, with IMD citing labour shortages, low productivity, high house prices and short-term policy thinking in Long Cloud Land.

Australia was also Number 16 for government efficiency, for which New

Zealand was a surprising Number 17. Living in New Zealand, well, it felt Number 57 would have been closer to the mark.

Australia was ranked lower on business efficiency – 26 – but New Zealand ranked a much more lowly 47. Bordering on third world?

For infrastructure, Australia ranked 19, while New Zealand ranked 29, which seems rational.

Why do these international benchmark ratings and rankings matter? Well, especially during the last two years, politicians on both sides of the Tasman have fairly flagellated themselves with so many hard slaps

Cont P 16

INDUSTRY
DESIGNED

Commitment to
sustainable, safe
and environmental
business practices.



FORESTFIT
TRAINING AND
CERTIFICATION





1/ Forester Peter Forster talks with Brisbane hardwood wholesale merchant Don Towerton.



2/ Forester Dr Gary Bacon, co-organiser of the luncheon, with Chris Robertson, formerly Hyne, and David McIntyre, who operated Trans Global Timber in Brisbane.

From P 3

“We’d enjoy hearing many stories of old, such as how my grandfather Lambert Hyne used to send his young son, Uncle Warren, down the railway line to spy on barges arriving at the then Wilson Hart sawmill.

“To this day, sawmill banter often gets a workout around the dining table, to the point where my mother proclaims, ‘OK, enough sawdust, change of topic please’.

“By the age of 17, I was working for Hyne doing relief work during school holidays at head office in Maryborough, as mail clerk or laboratory assistant testing wood samples.

“At the age of 19, I

experienced my first encounter of being a woman in what was then a man’s world. I asked a supervisor to consider me for a job. He laughed, thinking that I was joking. I turned up anyway, ready for work. He agreed to give me a go. ‘I’m not going to get into trouble am I? Your father does know, and it is OK?’ My father had no idea. Was it OK? Why would it not be OK?

“It wasn’t uncommon to be told I should just observe, as ‘this is not light work, not a job for a woman’. After 12 years I finally felt defeated unable to find my place, so I went off into the world. I recognise with hindsight, that I needed that time to grow as did Hyne.

“I undertook a chef apprenticeship and worked in various food production facilities before taking on a management role with the Parkside Group. However, all the while, I was watching Hyne from a distance with pride.

“Just two years ago, I returned to Hyne where I was always destined to be.”

Kelly works in a technical role as optimisation lead at the Tuan sawmill where

manufacturing is no longer a male-dominated domain.

“I am the first Hyne female family member to work for the company with no doubt the start of more Hyne women to come,” said Kelly.

“I’m proud that our 140-year journey is one of progression including embracing diversity with more and more women choosing great careers in manufacturing, some of them outstanding women, and I have the great privilege to work alongside them and learn.

“I am excited for the future of Hyne Timber with our new UK partners James Jones and Sons. May the Hyne legacy continue in the years to come.”

“ I HAVE THE PRIVILEGE TO WORK WITH MANY OUTSTANDING WOMEN



3/ Guest speaker Kelly Hyne... more women are choosing great careers in timber manufacturing.

4/ Foresters and friends...Dennis Rolf and Brian Schaumberg,

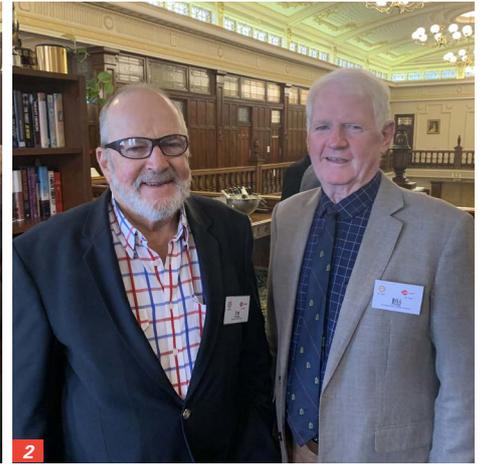


1/ *Guests seated in the Chandelier Room at Tattersalls Club in Brisbane ready to celebrate the anniversaries of Hyne Timber and Sunshine AusTIS 82.*



1

2/ *Old chums celebrate at Tatts... Tim Evans, Coast To Coast Pacific, and Bill Philip, The Responsible Wood Company.*



2

3/ *Kelly Hyne congratulates Jim Bowden who was presented with a hand-made timber pen box crafted by John Muller of Wood Addictions in recognition of the many words of support Jim has penned for rural industry over 60 years of journalism. The box is made from budgeroo, also known as Tom Russell's mahogany, a rare timber from Queensland's Central Highlands.*



3

4/ *Enjoying the celebrations... Clarisa Brandt, Timber Queensland, and Katie Fowden, Hyne Timber.*



4

arxada

Each generation will reap what the former has sown.



TREATED
TIMBER
PRODUCTS

Tanalised® is a registered trademark of Arxada or its subsidiaries. ©2022 Arxada

Remembering passionate iconic forester Swain: AusTIS celebrated as arena of forthright debate

CO-ORGANISER of the Hyne Timber-Sunshine AusTIS 82 celebration luncheon in Brisbane last week, Dr Gary Bacon paid a special tribute to passionate forester icon Edward Harold Fulcher Swain (1883–1970) who began his career as a cadet in NSW in 1899 and taught himself the forestry curriculum from Oxford.

Swain held a number of field-based forest officer positions throughout the northern forests of NSW and left in 1916 as district forester Narrabri to take up the district forester inspector position at Gympie.

In no time he was director of Forests Queensland 1918-24, then chairman, Queensland Provisional Forestry Board 1924-32.

“He was stood down by a Labor government for his erstwhile advocacy of keeping forest lands quarantined from closer agricultural settlement,” Dr Bacon said.

“He soon became chief commissioner for Forests NSW 1935-48 and after compulsory retirement age served as UN forestry consultant to Ethiopia 1951-55.

“Swain was a most energised and passionate advocate of science-based forest management of the Crown forest estate. He disagreed with the use of ‘German working plans’ and believed continental forestry did not pay enough attention to the profitability of forests.

“Throughout his whole career Swain fought hard to create policies that ensured the protection of native



1/ Queensland forestry officers at the Hyne-Sunshine AusTIS 82 celebrations... Dennis Rolf, Dr Gary Bacon, Peter Forster, Dr Michael Kennedy and Richard Pegg.

2/ Admiring a presentation box and gavel at the Hyne-Sunshine AusTIS 82 celebration that was accepted by Warren Hyne on his election as chair of the Queensland Timber Board in September 1984... John Eggleton, Peachester Timber, Norris Lewis, formerly Forest Products Marketing, and John Muller, Wood Additions. The cedar box is inscribed with all QTB chairmen's names from July 4, 1938, up to September 14, 1984. Timbers used were hoop pine, satinay or Fraser Island turpentine, Queensland white cypress and Queensland rosewood to represent the divisions of QTB; maple and black wattle representing North Queensland; and English oak (*Quercus robur*) representing imported timbers. The box sits in Timber Queensland's board room at Timber House.



forests with the maximum profit and livelihood for all people involved in that industry. His residual stumpage system, first introduced in the cypress pine zone of Narrabri, became the selling system common to Queensland and NSW.”

This focus on ensuring all participants in the forestry enterprise derived an apt level of sustenance led Swain to develop his concept of ESTIS (Eastern

economic efficiency.

“Above all I would insist that AusTIS like ESTIS must be the arena of frank and forthright debate on the current relations between forestry departments and the forest Industries,” Swain said. “That is what they were established for.”

AusTIS conferences were held regularly through 1950-1985.

“We celebrate the 40-year anniversary today of Sunshine AusTIS 82,” Dr Bacon said.

States Stabilisation) and subsequently the Australian Timber Industry Stabilisation Conference.

At the time, Swain said the relationship between forestry the grower and forest industries the processor was one of indivisible, interdependent partnership, for the provision of the country's timber needs: neither side could function without the other. It operated on a very narrow margin, which must be divided with precise mutual justice, and gradually enlarged by cooperative

“In Queensland, monthly meetings were scheduled between forestry marketing and industry divisions representing the full spectrum of timber sales. Significant issues were earnestly debated and new approaches adopted, such as the plantation pricing system re-developed in 1982 on a royalty algorithm basis in a consultative project unanimously agreed by all parties and implemented.

“The core components and detail of this novel change were promulgated at Coral Sea AusTIS in 1985 in the paper ‘Log Pricing and Sales Systems in Queensland: Elements of Change and Consultation’.

“The icon apogee forester EHF Swain would have approved.”

“ENERGISED
ADVOCATE OF
SCIENCE-BASED
FOREST
MANAGEMENT

The way forward for residential timber structures: timely Melbourne EWP's workshop points the way

More than 80pc of survey respondents say AS1684 building standard remains 'adequate'

FOLLOWING the successful Off-site Timber Conference in Melbourne last week, a broad range of industry stakeholders came together on June 23 to collectively discuss the current AS1684 residential timber-framed construction series of standards and how industry might address the specification of timber-framed construction into the future.

Initiated by Forest and Wood Products Australia, 23 technical experts, representing the broad wood product industry sectors, including sawmilling, engineered wood products manufacturing, frame

“SEVERAL CHANGES IN HOUSE DESIGN OVER 20 YEARS



Broad discussions on how industry might address the specification of timber-framed construction into the future.



Andrew Dunn



Dr Alastair Woodard



Boris Iskra

and truss prefabrication, importers and fixing suppliers, workshoped a wide range of ideas and scenarios from the current deemed to satisfy (DtS) solutions for residential framed construction, to new performance-based timber

framing options for growing panellised systems and mid-rise construction markets.

The workshop was facilitated by Andrew Dunn, TDA NSW CEO, Dr Alastair Woodard, FWPA's national residential construction and fit-out manager, and Boris

Iskra, FWPA's national codes and standards manager.

Dr Woodard advised that FWPA had recently undertaken a detailed national survey of AS1684 users to gain a better understanding of the current usage

and usability of the standard, which is the most important DtS design document for timber-framed residential construction, which as yet had not had a major update in more than 20 years.

Over the last two decades, there have been several changes in house design. Firstly, houses have become larger, two (and three) storey houses have become more prominent, and open-plan ground-floor living with large, floor to ceiling windows was now more the norm.

Cont P 13

TimberPro



KOMATSU
Creating value together



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

From P 12

Secondly, there are now many more wood product and system options, and a wide range of engineered wood products commonly used. Thirdly, the regulatory and compliance environment nowadays was much stronger, and most states today require an engineer and/or building surveyor to sign-off on home design; so the previously accepted simple single AS1684 DtS approach for house design sign-off is not so common.

Dr Woodard said there had been an excellent feedback from an AS1684 survey with more than 1000 responses from builders, engineers, building designers, architects,

building surveyors, educators and industry.

“The results have, pleasingly, shown that 80% of respondents believe that AS1684 is still adequate for their use,” Dr Woodard said.

“But there were a number of suggestions for improvement, including the inclusion of more information on the range of EWPs available on Class 10 structures (carports, pergolas) and timber decks, greater wall heights and also the inclusion of design

information for three-storey residential construction.”

The survey results set the scene for some lively discussion at the workshop on a wide range of topics, including, among others, the National Construction Code compliance requirements or other industry delivery

pathway options; current timber-framed construction design scope needs; additional products and systems that need be catered for such as EWPs; different fasteners (screws, staples, etc); prefabricated and panelised timber systems; and what new digital tools timber framing specifiers might need in the future.

The workshop provided a hugely valuable exchange of thoughts and views on the technical timber-framing needs of future designers and specifiers. The information provided on the day will now be utilised in the preparation of a proposed industry timber-framed construction strategy and work plan for industry consideration for funding, covering potential new R&D requirements, updating of the current AS1684 standards, and the development of new documents and digital tools going forward.



Melbourne workshop... technical experts discussed new performance-based timber framing options for growing panelised systems and mid-rise construction.

“A HUGE VALUABLE EXCHANGE OF THOUGHTS”



BUILD BETTER WITH ATS

At ATS Building Products, we understand that everything has to line up. Great projects – no matter the size – require a mix of quality, timeliness, & competitive pricing.

You can count on our team to make sure your projects run efficiently and deliver value from start to finish. We are driven to help you do your best work.

Right products. Right time. Right price.

Visit us in person or online at www.ATSBP.com to learn more about how we can help you build better.

NSW	NSW	NSW	QLD	VIC	SA
157 Briens Road Northmead, 2152 t. 1800 577 551	17-23 Longfeld Street Lansvale, 2166 t. 1800 577 551	4B/400 Moorebank Ave Moorebank, 2170 t. 1800 577 551	Unit 3 / 153 Rossmanns Rd Stapylton, 4207 t. (07) 3667 8217	372 Lower Dandenong Rd Braeside, 3195 t. (03) 9034 3994	48 Lipson Street Port Adelaide, 5015 t. (03) 9034 3994

BS intends to shape the beliefs and attitudes of listeners in a certain way: check out Brandolini

Think about the effort that we as an industry would have to expend just to refute this nonsense

I GET all sorts of queries about preserved wood ... it's because my phone number is on the TPAA web site.

Earlier this month, in the process of responding to a query about the safety of preserved wood, I got an earful about why the industry isn't using natural wood preservatives rather than those horrible chemicals that will result in the end of our way of life.

I fought back, valiantly, with an observation that bitumen is an unhealthy brew of carcinogens but that doesn't stop the stuff from being used way more than preserved wood. I also pointed out that if the so-called natural preservatives were effective they would be on the market making producers heaps of money.

I think I pointed out in an earlier article (rant), that if someone has a view about something, then it is very real to them and it's almost impossible to convince them with an alternate position even if they can't produce any proof and data to support their position and the actual proof and data are on your side.

I was complaining to a colleague about how hard it is to change someone's opinion when proof and data are on your side and the response I got was "Ahhhh!



Brandolini and bitumen... the long road to sense over nonsense.

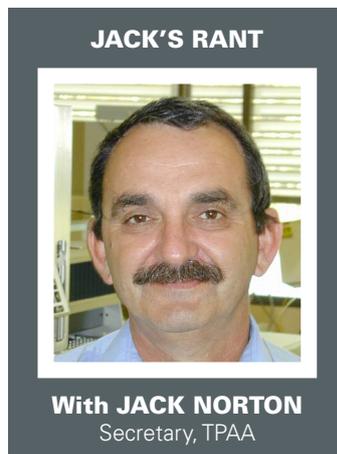
Brandolini's Law!"

I had to Google Brandolini's Law (also known as the BS Asymmetry Principle) to see if I was being played, and learned that in 2013 Brandolini formulated his law which is also known as the BS Asymmetry Principle. Brandolini's Law states that. "The amount of energy needed to refute BS is an order of magnitude bigger than to produce it".

Unlike a liar who knows that he is uttering a falsehood, Brandolini's Law is not about reporting facts – rather it is BS intended to 'shape the beliefs and attitudes of listeners in a certain way'.

The problem with good BS is that it appeals to our emotions and our existing view of the world and if these opinions align with our emotions and world view, they become very hard to dislodge.

Let's say that someone



whose opinion you are inclined to believe tells you that preserved wood will end civilisation as we know it. You get the idea! Think about the effort that we as an industry would have to expend just to refute this nonsense. Think of the words we would have to craft in a readable cogent way.

The internet makes the problem worse as it is incredibly easy to publish a nonsense opinion and even though something is

'published' it could still be nonsense/BS.

Rather than go to all the effort needed to refute a nonsense statement, a better approach may be to put the burden of proof on the person making the claim. An even better tactic would be to educate the users of our product but that would be very expensive.

*** **

THINGS are really shaping up for the Society of Wood Science and Technology annual meeting in a couple of weeks at the Salt/Peppers Mantra complex at Kingscliffe, which is not to be sneezed at with registrations approaching 200 scientists from around the globe.

SWST is the peak international body dealing with wood science. Its activities include publishing wood and fibre science and accrediting undergraduate wood science programs in North America, South America, Asia and Europe. More than 160 abstracts have been submitted from 25 countries.

"This is a great opportunity to interact with global leaders in timber research without a 13-hour flight," says SWST vice-president Jeffrey Morrell, who is based at the Centre for Timber Durability and Design Life at USC. Go to www.swst.org



Timber preservation - Conserving the nation's heritage. Visit us at tpaa.com.au



UNRIVALLED PRODUCT SUPPORT

Tigercat customers are backed by a national network of sales, service, parts and technical support resources. Contact Onetrak today to learn more about the Tigercat forestry equipment range.

- ▶ 7 branch locations
- ▶ 40 factory trained technicians
- ▶ 4 Tigercat factory representatives based in Australia
- ▶ National parts inventory

 **Onetrak**

www.onetrak.com.au

Tigercat[®]
Tough • Reliable • Productive

www.tigercat.com

From P 6

on their own backs to congratulate themselves on how exceedingly well they weathered the storm during the Covid years.

But other countries were not sitting still, and those ranking higher than Australia, and very, very much higher than New Zealand, are far better positioned to recover to high growth rates – and sooner.

And, as to the trans-Tasman rivalry? For several years up until 2020, both New Zealand

and Australia had large net migrant inflows. But in New Zealand this has reversed and we can expect a major net migrant drain from New Zealand to Australia, where opportunities and wages and salaries are now so much higher.

It has already started and will likely accelerate.

The Australian federal-state political system has its challenges, but it seems to balance out so that a switch from right to



left wing seems to allow most of the economy (energy aside) to 'function as normal'.

But with the one-government system in New Zealand when a left-wing government replaces a right wing one, within a few years the place seems to go to hell in a handbasket.

I have seen this occur three previous times in my career, and all of the (now totally fractured) 'Team of Five Million' in New Zealand is again suffering and is about to suffer through it even more.

New Zealand takes stronger action on illegal log imports

PROPOSED new legislation to reduce the risk that timber imported into New Zealand is sourced from illegal logging is a positive first step but it should go further, the Green Party says.

The Forests (Legal Harvest Assurance) Amendment Bill passed its first reading

in parliament this week. The Bill will establish a legal framework intended to ensure that timber logged overseas and imported into New Zealand can be verified as being legally harvested.

"The Bill is a positive step but it needs to be about more than safeguarding

market access for New Zealand timber products. We need a robust assurance and enforcement regime that looks beyond official documents into the whole supply chain, to prevent deforestation and illegal logging of tropical and temperate rainforests," says

Eugenie Sage, Green Party forestry spokesperson.

"The timber we use must be taken legally from sustainably managed forests with full regard for climate change, biodiversity and the rights of customary owners and indigenous peoples," Ms Sage said.

ONLINE ADVERTISING IS HERE!

Advertise jobs, buy/sell your products and services **ONLINE**, with the new timber and forestry website.

With just a few clicks, your business will be seen on the industry's **#1 WEBSITE**.



Visit timberandforestrynews.com/ advertising to find out more or email advertising@timberandforestrynews.com

- Jobs board
- New/used equipment and machinery for sale
- Other products/ services



Thrilling Supra will keep you awake. Get my drift?

OPERA can be boring. Take Meyerbeer's Les Huguenots. Nothing happens.

At a performance in Brisbane I was introduced to Verdi's La Traviata, regarded by many as one of the greatest operas of all time. I started to drift off.

Driftwood washed ashore at Bribie Island adorns a wall at Orson's office, so some drifting is very nice.

So what about drifting in Toyota's plush Supra Base 3.0L Turbo Automatic Coupe?

For many enthusiasts, autonomous driving represents the antithesis of everything we love about cars. However, Toyota says autonomous driving technology isn't necessarily out to "turn your car into a living room on wheels". Instead, the carmaker sees it as a way to augment the driver – and so it has developed the world's first autonomously drifting car.

Even regular drivers face situations where the best course of action through a tricky situation, such as a patch of black ice (think Queensland's Granite Belt) or the sudden appearance of a boulder (Granite Belt again) might be to drift through or around it.

Drifting in motorsports



Toyota's Supra turbo automatic coupe... calculating a whole new trajectory.

causes a tire, or all the tires, to lose traction but still allows the driver to maintain control of the car while entering and exiting a turn. Technically, drifting involves the rear tire slipping at an angle between the car's actual direction of travel and the direction it is pointing in. The phenomenon of drifting occurs because the rear slip angle is greater than the front slip angle.

Toyota driver Ken Gushi, one of Japan's top competitors in the sport of drifting, was aged 13 when his father introduced him to the sport. At 16, he was the youngest competitor at the USA formula drift championships, despite not passing his driving test at the time.

Developed by the Toyota Research Institute, the Supra Coupe is modified with a GReddy wide-body kit and

some very quick software. Engineers say the program – actually developed by Gushi – can "calculate a whole new trajectory every 20th of a second."

It's been 26 years since the Toyota Supra was last (officially) on sale in Australia, and thanks to a joint venture with BMW, it's back in a fifth generation form.

But what Toyota has employed now is a gearbox that adds loads more thrills to the driving experience while efficiently accessing the bottom end torque of BMW's inline-six cylinder engine

All the Supra hallmarks are there – an in-line six-cylinder engine up front, driving the rear wheels, housed in a dramatic two-seat, two-door coupe body. Produced by Magna Steyr in Graz, Austria,

this model launches the GR brand in Australia.

Power is from a BMW-sourced 3-litre, single-turbo engine with an eight-speed auto transmission. The all-alloy unit is a closed deck design featuring a single twin-scroll turbo, water-to-air intercooler, direct injection, plus variable valve timing and lift.

Maximum power is 250 kW, available between 5000-6000 rpm, and peak torque of 500 Nm is delivered across a broad plateau from just 1600 rpm all the way to 4500 rpm.

Claimed combined fuel economy is 7.7L/100km, the Supra emitting 177g/km of CO2 in the process. With fuel costs, economy is everything. But be prepared to part with \$94,900 for the GST, or if you're canny, there's the entry-level GT trim, priced at a mere \$84,900 plus on-roads.

Until now, the Supra has been available exclusively with an eight-speed automatic transmission; it shares its engine, gearbox and underpinnings with the BMW Z4.

But it's crying out for a manual gear shift, so Toyota is launching a three-pedal manual Supra "that will offer a unique dynamic experience while meeting the demand of driving purists."

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

HEAD OFFICE

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

PUBLISHERS

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

MANAGING EDITOR

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

ADVERTISING

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

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

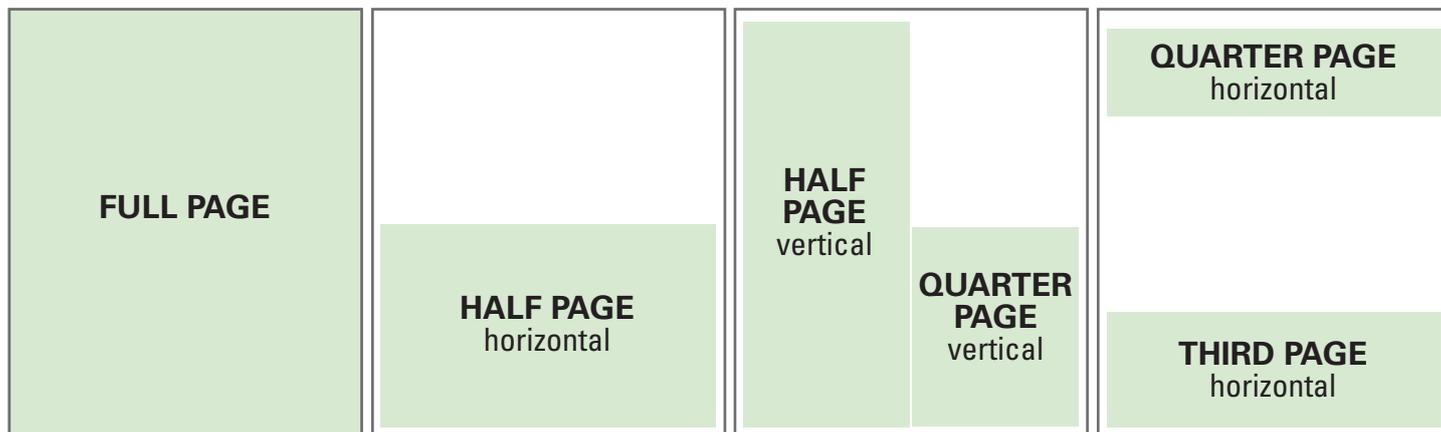
DELIVERED
WEEKLY TO
15,200
GLOBAL
READERS*

ADVERTISING RATES

timber
& FORESTRY *eNEWS*

Now in its 14th year, Timber & Forestry eNews has grown to be the Number ONE online weekly news journal for the forest and forest products industries – across Australia, New Zealand and internationally.

AD FORMATS



DISPLAY AD RATES

FULL PAGE: \$485

297mmH x 210mmW

HALF PAGE: \$290

Vertical • 254mmH x 93mmW

Horizontal • 125mmH x 190mmW

QUARTER PAGE: \$185

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

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 and are subject to GST being added. Overseas bookings are exempt from GST.

DEADLINES

Display ads: Book by 9am Tuesday prior to publication

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

WHO TO CONTACT

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

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

CLASSIFIED ADVERTISING

JOB ADS: ONLINE BOOKINGS ONLY

BUY & SELL ADS: ONLINE BOOKINGS ONLY

744pxH x 720pxW

BANNER ADVERTISING

• **FEATURE PACKAGE: INCLUDES**

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

Horizontal strip • 30mmH x 190mmW

Email strip • 395pxH x 1500pxW

Top website banner strip • 120pxH x 1000pxW

• **STANDARD PACKAGE: INCLUDES**

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

Module • 63mmH x 61mmW

Email module • 336pxH x 336pxW

Website module • 260pxH x 260pxW

TERM DISCOUNTS

12 WEEKS: 7.5%

24 WEEKS: 10%

48 WEEKS: 15%

Classified advertising: JOB ADS ARE COMPLETELY ONLINE.

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

BUY & SELL ADS ARE ONLINE AND IN THE PUBLICATION. Go to www.timberandforestryenews.com/product/buy-sell-advertisement/ to place an ad. Book by 5.00pm Tuesday prior to publication.

TERMS

New clients invoiced on booking. Existing clients 14 days.