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## Carbon market incentive for private forest owners in US

COVER STORY P8



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# Working to arrest a critical decline in forest health and biosecurity measures in Australia

AUSTRALIA is facing a critical decline in forest health and biosecurity measures with research and development fundings dropping by 80% in the past decade and the number of forest researchers decreasing by 95%.

These disturbing figures were presented by FWPA forest research manager Jodie Mason at the Forestry Australia conference in Launceston last month.

To address these issues, Ms Mason worked with a group of FWPA members, through the grower research advisory committee, developing eight investment plans to inform and promote investment in forest research, development and extension.

The investment plans were finalised with a budget of \$53 million over five years, which could deliver a \$700 million financial benefit to the industry. More than \$10 million has already been invested in identified priority projects, with funding from industry and the federal government.

One plan, the damage



agents investment plan, focuses on agreed priorities for forest health and biosecurity research. It includes environmental influences like drought and heatwave and long established physical pests like sirex, leaf beetle, eucalypt weevil and browsing animals, as well as newly established pests such as myrtle rust and giant pine scale.

“The damage agents investment plan identifies RD&E priorities to address current and emerging forest health and biosecurity issues,” Jodie Mason said.

“Tackling these threats is essential for the forest industry to thrive, so it’s great to see the industry taking up



1/ **Jodie Mason... the damage agents investment plan identifies RD&E priorities.**  
2/ **Greg Lefoe... risks and benefits of introducing a specialised predator species.**

the challenge with increased levels of investment in these areas.”

In a project funded by FWPA, looking at the biological control of the giant pine scale (a sap-sucking insect also known as GPS) in Australia, Greg Lefoe, from Agriculture Victoria, detailed the risks and benefits of introducing a specialised predator species, *Neoleucopis kartliana*, from its native Greece. Research indicates that if approved

the predatory fly could be a “long-term, cost-effective and environmentally friendly management option for GPS in Australia”, according to Mr Lefoe.

Other presenters touched on critical areas for Australia’s forest biosecurity. Dr Louise Shuey, from the Queensland Department of Agriculture and Fisheries, spoke on the devastating impacts of myrtle rust on ecosystems and the vulnerability of trees to infection after intense fire. This work was part of a project lead by Dr Geoff Pegg and funded by the Plant Biosecurity Science Foundation and the Threatened Species Recovery Hub.

Dr Angus Carnegie, NSW Department of Primary Industries, and Paco Tovar of Plant Health Australia discussed various ways to harness the potential for urban and peri-urban trees to act as early detection ‘sentinels’ for invading pests and diseases.

**“TACKLING THESE THREATS ESSENTIAL FOR FOREST INDUSTRY TO SURVIVE**

Cont P 7



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# ABARES report like a script from a horror movie: plantation estate staggers backwards

It's a classic market failure and an open-and-shut case for involvement by governments

THE latest five-yearly review by ABARES of Australia's national plantation estate is more than sobering reading. It's like the script from a horror movie.

The bureaucratic speak in the report notes unemotionally that Australia's softwood plantation estate (the pine trees that we use to make our timber house frames) remains 'stable'.

'Stable', in this context, means stagnant, as it has been for more than a decade, which means it is failing to keep up with current and future housing demand.

This line should be written in bold with lots of exclamation marks.

This is a troubling scenario in a nation which is already well below water when it comes to supplying its own timber needs. However, the truly scary page in the report is the one showing ABARES's forecast that 'softwood log availability' – and by extension housing timber – will decline by 12% over the next four years, and the pine plantation estate will remain stagnant for the next 40 years.

Meanwhile, our population is growing quickly – some estimates say 35 million by 2035.

And yet how do we square

**“EACH YEAR A LITTLE MORE LAND MOVES OUT OF TREE CROPS**



*The planting of One Billion Trees for timber and wood products by 2030 would mean an additional 200+ megatonnes of CO2 stored. A massive free kick to the nation's carbon accounts.*

political leaders at state and federal levels signed up to a plan in the 1990s which said we would strive to grow Australia's plantation area to 3 million ha by 2020. We reached a high-water mark of just over 2 million ha in 2010 and the tide has been receding ever since.

To understand why supply is going backwards when there is so much demand requires just a modest understanding of economics.

A market should, the theory goes, be self-balancing.

Growing trees defies this model as the product (trees)

Cont P 5

COMMENT



**ROSS HAMPTON**  
CEO, Australian Forest Products Association

this picture with the fact that there is massive demand for timber products?

Our plantation estate provides the affordable timber for our homes. If you are building or renovating, you will know that timber and timber products are in huge demand. AFPA and Master Builders Australia recently calculated we will be 250,000 new house frames short by 2035. Just what do we think our children are going to do?

To come back to the ABARES report, the national plantation estate continues

to go backwards. Each year a little more land moves out of tree crops into other types of farming. Our national

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# Timber imports bridge gap as Australian markets face desperate supply shortages

## Germany and Sweden provide long-distant support for structural softwood markets

THE continuing buoyant domestic building and construction industry is being strongly and critically supported by the efforts of the timber importing and wholesaling sector.

General manager of the Australian Timber Importers Federation John Halkett says this effort is a remarkable testament to Australian timber importers working in collaboration, particularly with their northern hemisphere suppliers.

“While the Australian timber products market continues to be under



Swedish structural softwood ready for shipment.

serious supply side pressure, it would be in desperate trouble without the stellar efforts of timber importers,” Mr Halkett said.

“Notably, the supply of structural softwoods from Germany and Sweden has lifted substantially over the year as importers continue to do all they can to support the valuable, but far-distant Aussie market.

“Also, the consistent supply from Canada in the face of a strong US market is the result of great collaboration between Australian importers and Canadian companies.”

In a booming global market, continued support from international sawn wood producers and importers has been vital for Australia. Year-ending August, imports totalled 587,370 cub m, a rise of 3.6% on the prior year.

The continuation of import supply, and some stability and growth for a few grades, is all the more significant in a period when supply disruptions are so dramatic and timelines are difficult to organise. The tyrannies of distance have played havoc with supply chains

into Australia, making the decision to provide supply all the more challenging, especially with freight costs rising by the moment

So strong has supply been that August 2021 saw imports hit their second highest level in a decade for the eighth month of the year, with imports totalling 67,081 cub m, up 19% on the prior August.

“Of course, one month does not a story make,” Mr Halkett said. “So here we can see the extent of the monthly and annual uplift in imports that commenced around April 2020 as imports fell to their lowest point in the decade.”

He said it was important to recall that imports were trending down at that time because the Australian economy was very soft and housing demand was only just beginning to see some unstimulated growth. Then

**“IMPORTS HAVE HIT THE SECOND HIGHEST LEVEL IN A DECADE**

came the stimulus. “Those 18 months ago seem like years now, of course.”

Over time, the growth in imports on an annual basis has been consistent. The cost of supply in a global boom – just as observed for the international log market – is higher prices.



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Cont P 8

From P 3

take a long period to grow into something the owner can sell.

A farmer or landholder who wants to grow pine trees for the local sawmill has to plant the seedlings then wait around 30 years before the trees are mature enough to be turned into structural housing timber. That's the real payday for the landholder.

But Australian farming rarely can afford such far horizons. That's why it represents market failure and why every plantation tree in this country has been planted with some sort of policy intervention. These interventions have ranged from commonwealth and state loan schemes through to taxation breaks. And we aren't alone in this. All over the world countries that wish to have a plantation estate find they have to put in place policy measures which bridge those early 'dead financial' years.

It's a classic market failure and an open-and-shut



**Our population is growing quickly – some estimates say 35 million by 2035 – and yet how do we square this picture with the fact that there is massive demand for timber products?**

case for involvement by governments, both federal and state.

The current best hope we have as a nation of creating a more optimistic ending for that ABARES horror scenario of timber shortages stretching into the decades, is to encourage farmers and landowners to invest in plantations by paying them for the extra carbon the

growing trees will store. After all, half the weight of a tree is embodied stored carbon.

The great thing about plantation forestry is that,

**“ WE URGENTLY NEED TO PLANT ANOTHER 400,000 HECTARES OF PLANTATIONS ”**

even after harvest, that carbon remains locked up in things like furniture and house frames.

Our modelling suggests that we need urgently to plant another 400,000 ha of plantations in this country. That would help close that demand gap. It also represents an almost unnoticeable change in land use. There is 380 million ha of agricultural land in Australia. An uptick in plantations, planted close to sawmills and processing plants to ensure social license and downstream job creation, would amount to very little land use change, while significantly boosting our future timber supply.

The other great news for the federal government and Opposition, which both want to see our nation be carbon neutral by 2050 and the planting of One Billion Trees for timber and wood products by 2030, is this would mean an additional 200+ megatonnes of CO2 stored. A massive free kick to the nation's carbon accounts.



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# Complete overhaul of WoodSolutions guides to match advances in fire safety timber design

A TOTAL revision by WoodSolutions of Technical Design Guide #17 – now titled Fire Safe Design of Timber Structures – comes as a part of a complete restructure and full revision of guides 17, 18 and 19.

The guides relate to the National Construction Code (NCC) fire safety provisions and have been supported and promoted by the Australian Building Codes Board.

Since the original version of Guide 17 was published in 2013, there have been major changes to the National Construction Code and building regulation by states and territories. At the same time, there have been major advances in the fire safety design of mid- and high-rise timber buildings including the introduction of deemed-to-satisfy (DTS) solutions for mid-rise buildings using fire-protected timber in the 2016 and 2019 editions of the NCC and the application of massive timber construction to high-rise buildings using the 'performance solution' pathway.

Technical Design Guide #17 is the first volume in the

**“REVISED GUIDE VALUABLE TO A BROAD RANGE OF PRACTITIONERS”**



- 1/ **Major advances in the fire safety design of mid- and high-rise timber buildings.**
- 2/ **Paul England... National Construction Code compliance pathways for timber in buildings.**

three-part series that has been updated this year to reflect the significant changes to fire safety regulations and recent research relating to the performance of timber when exposed to fire.

The guide is valuable to a broad range of practitioners and students, among them fire safety engineers, building certifiers, structural engineers, fire authorities, architects and building consultants. Users can find a general introduction to compliance pathways under the NCC as well as details

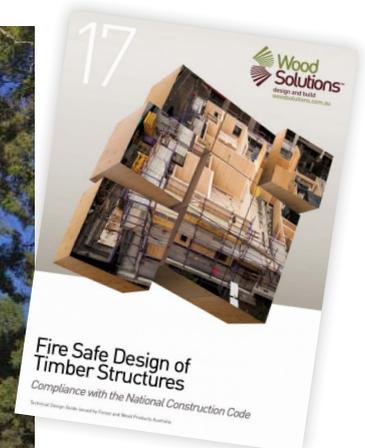
## TALKING TIMBER



**With Eileen Newbury**  
Head of marketing and communications and head of WoodSolutions program

regarding DTS, performance solutions and assessment options.

“As timber is being increasingly used in building applications, this



guide focuses on the NCC compliance pathways available for use in timber buildings,” the guide’s co-author Paul England of EFT Consulting said.

He says the guide highlights the need to adopt holistic approaches to address the broad range of drivers and constraints that apply to modern buildings, including procedures to demonstrate compliance, documentation of the design, implementation, and maintenance of the performance of the building and associated emergency management systems through the life of the building.

Both the deemed-to-satisfy and performance solution pathways for demonstrating compliance are addressed in Guide 17.

You can find Technical Design Guide #17 and more than 50 others at [www.woodsolutions.com.au](http://www.woodsolutions.com.au)

**NOVEMBER**

**22-23: AFPA Meetings – ONLINE ATTENDANCE ONLY.** [www.ausfpa.com.au](http://www.ausfpa.com.au)

**APRIL 2022**

**NB. REVISED DATE**  
**3-8: Gottstein Trust Understanding Wood Science Course – Sunday evening, April 3, 2022, in**

*Albury, NSW, for the field trip component, ending on Friday, April 8, 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 timing prior to next Easter matches up with the semester break. The course program can

be downloaded at [www.gottsteintrust.org](http://www.gottsteintrust.org)

**JUNE 2022**

**NB. REVISED DATE**  
**13: AFPA gala dinner. –TBA. POSTPONED EVENT.** [www.ausfpa.com.au](http://www.ausfpa.com.au)  
**NB. REVISED DATE**  
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**EVENTS LISTS MAY CHANGE DUE TO CORONAVIRUS. PLEASE CHECK THE RELEVANT WEBSITES FOR UPDATES.**

**JANUARY 2022**

**28-29: International Conference on Forest Resources Accounting and Economics – Australia World Academy of Science, Engineering and Technology, Sydney, Australia.** Forest industry accounting, methodological and issues and environmental accounting for forestry. For further information see; <https://waset.org/forest-resources-accounting-and-economics-conference-in-january-2022-in-sydney>

**MAY 2022**

**23-24: International Forest Business Conference – Sheraton Sopot Hotel, Poland.** A two-day conference on megatrends that shape responsible forest and wood industry investments for climate action. The conference aims to bring together leading forest management organizations (TIMOs), investors interested in forest assets and carbon offsets (e.g., public and corporate pension funds, wealth managers and private banks, sovereign wealth

funds, foundations and endowments) and sustainable wood industry representatives in order to exchange and share experiences and ideas about challenges and opportunities for forest sector as a natural climate solution. The main theme of the conference is New Forest Business Frontiers. Register at [www.fba-events.com](http://www.fba-events.com) or contact [karolina@forest-analytics.com](mailto:karolina@forest-analytics.com)

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

From P 2

Dr Carnegie's project focused on using aerial imagery and remote sensing to model trees, while Paco Tovar highlighted the main activities planned for a National Forest Pest Surveillance Program.

This program includes high-risk site surveillance and the development of a mobile app that enables stakeholders like local government, botanic



**Dr Louise Shuey**



**Dr Geoff Pegg**



**Dr Angus Carnegie**

garden staff and aborists to be a first line of defence in spotting and reporting exotic forest pests and disease early in high-risk areas.

Dr Simon Lawson from the University of the Sunshine

Coast spoke about research projects that focused on the benefits of collaboration with neighbours in southeast Asia around forest health. And Conrad Trollip, from Agriculture Victoria/La Trobe University, presented his PhD research on improving species-level detection of

fungi from surveillance traps. The forest health session at the conference was a collaboration between industry and program partners, including Plant Health Australia, FWPA, Agriculture Victoria, NSW Department of Primary Industries, Queensland Department of Agriculture and Fisheries and the University of the Sunshine Coast.



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# Carbon reduction platform to benefit small private forest land owners in North America

## New methodology offers opportunities to participate in carbon offset markets

FINITE Carbon, North America's leading developer and supplier of forest carbon offsets, has announced that the American Carbon Registry has adopted the first methodology to provide uniform carbon offset standards designed specifically for small landowners.

Approved by ACR, the leading global non-profit voluntary greenhouse gas registry, this methodology provides a new, transparent, and independently verified carbon market incentive for landowners with between 16 and 2025 forested hectares.

Finite Carbon plans to use the methodology to offer carbon removal programs to small forest landowners across the US through the company's CORE Carbon online platform.

Small forest landowners own a combined 80 million ha across the US. Experts predict opening the carbon market to this segment has



**Sean Carney... empowering private forest owners to manage their carbon offsets on a single platform.**

the potential to significantly increase carbon removals and storage and further mitigate the effects of climate change. However, the prohibitively high costs of project development, monitoring, and reporting have previously prevented small landowners from monetising the value of management practices that lead to increasing and maintaining carbon sequestration.

The newly approved methodology lowers these costs by using remote sensing technology that cost-effectively and accurately quantifies greenhouse gas emission reductions and removals resulting from



**Jessica Orrego... enabling more small landholders to participate in the carbon market and contribute to climate action.**

harvest deferral on non-industrial private forest lands.

"With this methodology, we can empower private owners of forested land to access, create, and manage their carbon offsets on a single platform," says Sean Carney, CEO of Finite Carbon.

"Now with the American Carbon Registry's fully transparent registry system and carbon accounting standards, we're thrilled to be able to offer small landowners new opportunities to benefit from sustainable stewardship, just as large landowners have done for years, while protecting our natural resources for future generations."

Jessica Orrego, the director of forestry at the American Carbon Registry, said exploring further ways to reduce greenhouse gas emissions was important to develop methodologies that enabled more small landowners to participate in the carbon market, for their benefit, and for the benefit of the planet.

"We're extremely proud of this methodology developed with Finite Carbon, and applaud Finite's work to open the carbon market to 80-plus million forested hectares, doing so in such a way that ensures offset projects are credible and make a significant contribution to climate action in the US," says Ms Orrego who has as a Bachelor of Science in Biology and a Master of Science in Forestry from the University of Vermont

Forest landowners interested in CORE Carbon can visit [www.corecarbon.com](http://www.corecarbon.com).

**On the cover: American Carbon Registry has adopted the first methodology to provide uniform carbon offset standards designed specifically for small landowners.**

**“INCREASING CARBON RENEWAL AND STORAGE**

From P 4

Prices for all imports are higher. In August 2021 alone, weighted average prices lifted 12.7% to reach AUDFOB696 a cub m. These are not landed prices, they are just the goods price without the incredible and off-the-wall costs of shipping

included to get the goods to Australia, let alone the additional costs of land-freight to get the goods into warehouses.

In that context and with the additional costs in mind, these are massive price increases. Its importance is that it is structural timber and it makes up between 35%

and 40% of all Australia's imports of sawn softwood.

Monthly volumes have been increasing steadily for the last year, supporting an annual volume that has grown like a mountain climber to reach 202,897 cub m year-ended August 2021, up 87.5% on the prior year.

While that is amazing, charts show the free-climbing rock face of price increases that saw, in August alone, the average import price lift 39% to book a seventh successive monthly record and reach AUDFOB 665 a cub m.

A year ago, the weighted average price was just 338 cub m.

# Mapleton has a long forest history and is a great place to escape the busy city life

OF all Queensland's natural resources, timber was the most visible and abundant to the first Europeans on Queensland's Sunshine Coast.

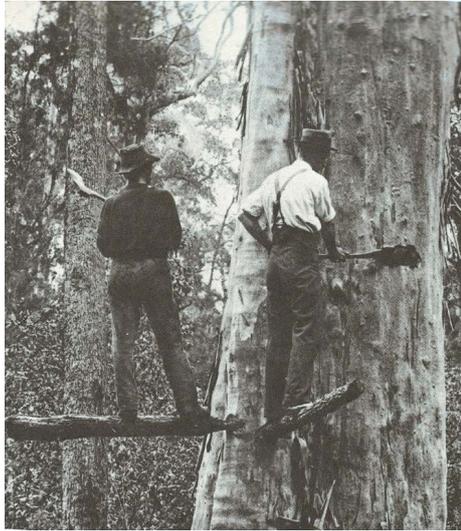
Timber is frequently referred to in the region's early history, with descriptions of the extensive stands of timber which lined the coast and river banks as well as the hill country of the Blackall Range and beyond.

In southeast Queensland, the dominant timber species were softwoods such as hoop and bunya pine. Another of major significance was the mighty cedar with the tree's circumference, at times, in excess of 3 m.

In most cases, the timber getters came to the area well ahead of the pioneering families who later toiled to turn the cleared areas into farms.

In his well-illustrated book 'Secrets and Surprises' Burnard Collins focuses on Mapleton National Park and the town of Mapleton where, after more than 30 years as a physical education teacher, he settled with his wife in early 2001.

"We were keen to build a new home and escape the hustle and bustle of the



*The early cedar getters.*

city," he says. "One of the attractions was the town that borders a large forested area. Despite being logged for nearly 150 years it is still a wonderful forested area to explore and enjoy."

The author added: "Because the park is a wilderness area, visitation should remain at a trickle rather than a torrent. There is a huge network of tracks, towering blackbutt trees, magnificent views, moist shady gullies and waterfalls that come to life after rain.

"Many of us need wild spaces such as these to recharge and feel refreshed."

You certainly feel refreshed after this good read and it's worthy of a space on your bookshelf.

The book sells locally at \$20 or \$25 if posted. Contact Burnard Collins via email at [mapletonsecrets@gmail.com](mailto:mapletonsecrets@gmail.com)

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# Wood protection making hay while the sun shines but we must be ready to tell our story

## Carbon storage: preservation adds to timber's environmental credentials

AS we race headlong towards the silly season, the building industry is working flat out to meet orders and satisfy demand. It's hard to think about what the wood protection industry might look like in 10 years, let alone putting in the energy to shape our future.

Last week the boss and I spent four glorious days on Stradbroke Island and while rain and wind were hammering the east coast of Oz, we missed the worst of it.

The Glasgow meeting was winding up so the environment was (is) the topic of the times. As we walked along the beach I wondered how the wood protection industry might dip its toes into the carbon credit issue and apply carbon credits as one of its benefits. Yes I need a life!

The environmental benefits of using wood as a building product have been argued long and hard by the timber industry. While we might readily acknowledge that wood has a lower environmental impact than alternative building products,

**“ WE NEED STRATEGIES IN PLACE TO DRIVE THE AGENDA ”**

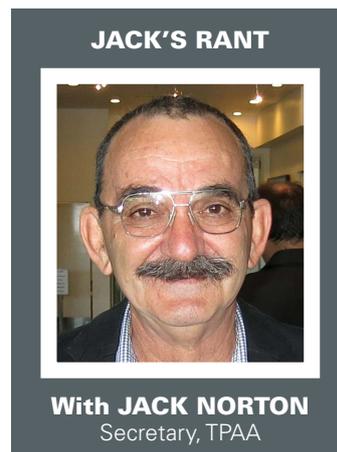


I maintain that preserved wood adds to timber's environmental credentials.

If we plant more trees than we harvest, and if wood preservation allows us to use building products longer than it takes a tree to grow, then that has to be a good thing doesn't it?

By the time preserved wood has served its useful life, because of wood protection (including proper use/design), a new tree has grown to replace it. My comment about use and design is important. If you push preserved wood too hard it will fail in service. You can't use a treatment for above-ground application in an in-ground environment and expect to get good performance. BUT ... even if you do, the life of the product has been extended.

The growing tree captures



CO2 from the atmosphere and the wood stores it during service and even longer if the wood is preserved. This applies to all preserved wood, whether it is used for infrastructure, agriculture or in domestic applications.

I firmly believe landfill should be the disposal option of last choice. However, even if the preserved wood is in

landfill, it is extending the CO2 storage period.

Am I naive in thinking that the wood protection industry might use this reasoning to claim perhaps even more carbon (and other) credits?

Not surprisingly, communication is fundamental to telling the sustainability story for preserved wood. At the moment, the wood protection industry is making hay while the sun shines but we need to be preparing and telling the story to be ready for our future. We need to make wood preservation widely acceptable if we are to keep our industry.

The pressures are out there!

We need to tell governments, manufacturers, employees, boards, commissions ... and we need to tell the story continuously, even at home.

The forestry industry, including wood protection, often reacts to external pressures and I reckon we need to have strategies in place to drive the agenda rather than react to other's agendas.

• *Jack Norton is national secretary of the Timber Preservers Association of Australia.*



*"Logmeter was the critical piece of infrastructure that we needed", FORICO.*

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# Lonza rebrands as Arxada: name and look may be new, but brand heritage runs deep

## Stronger value proposition through greater innovation and marketing capabilities

**OPEN letter from Angelo Hrastov , director commercial operations, Oceania.**

I am delighted to announce that former Lonza business LSI on October 13 officially changed its name to Arxada.

This new company name covers the entire global specialty chemical business and the ambition is that united, Arxada will be a clear global leader in microbial control. What does Arxada mean? The name was derived from the Greek noun arx which signifies a stronghold, castle or citadel and figuratively represents defence or protection.

The Arxada name will signify a philosophy of providing our customers with products and services that offer superior defence against microbial attack and protection across multiple markets, including but not limited to wood protection, paints and coatings, industrial hygiene, home and personal care and general materials protection.

How does this affect the wood protection business? From a wood protection perspective, while our name and look are new, our heritage runs deep. Over the past 35 years there have been several ownership and name changes however in that time our leading product brands haven't changed.



1/ Millicent H2F 8 - H2F Treated Blue pine frame suitable for use south of the Tropic of Capricorn.  
2/ Angelo Hrastov... "As one company we will have a stronger value proposition to offer our customers."



Brands such as Tanalith™, VacsoJ™, Permatek™, Taratek™, Antiblu™ and Tanacoat™ - will remain the same, and our people and services will continue to reflect our heritage and our commitment to our customers, the market and the community as we move forward together.

Globally we have over 80 years 'experience in the development, manufacture and supply of wood protection technologies and under Arxada this experience is at your disposal now more than ever. What does this mean for our customers? We may have a new company name, however our four core values of performance, passion, collaboration and

care remain central to everything we do and our ultimate goal to make it easy for you our customers to do business with us has not changed.

Although our legal trading names remain Arch Wood Protection (Aust) Pty Ltd and Arch Wood Protection (NZ) Limited, which you will continue to see on invoices, the business names will become Arxada Australia and Arxada Wood Protection in NZ. Therefore payment terms and processes remain

**“ GLOBAL LEADER IN MICROBIAL CONTROL ”**

the same, so your accounts team will not need to take any action. One thing to note is that our email address will now have the format firstname.lastname@arxada.com

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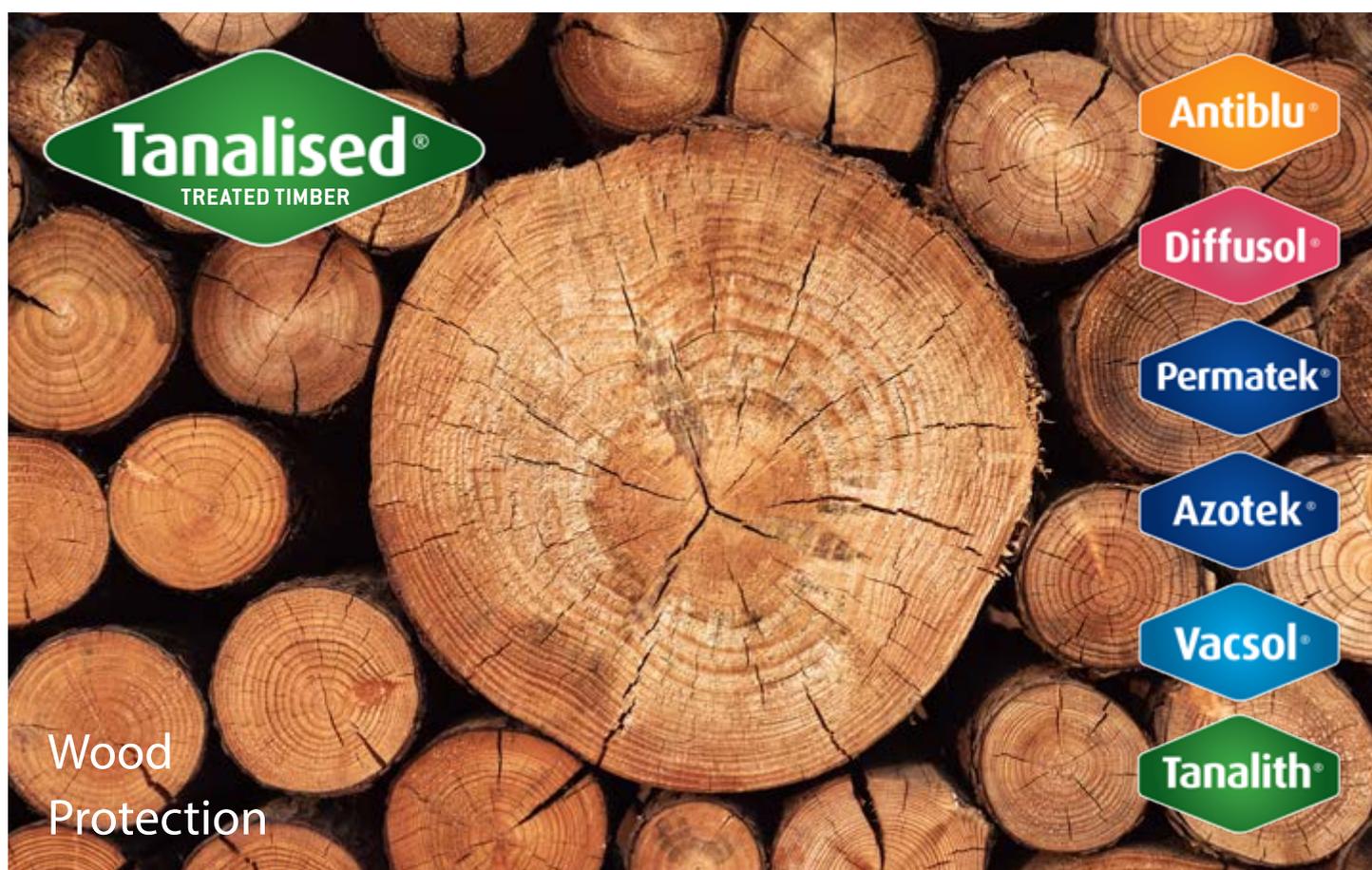
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# Silence of the academics: where's your support for forestry's front-line warriors?

## Take a leaf from the playbook of those environmentalists who deride our industry

I AM continually amazed by the commitment, courage and serious economic exposure of so many who work at the sharp end of the forest industry – small businesses with daily production targets, bills to pay and employees to worry about.

Despite these substantial work challenges, what is really humbling is that these people are also great ambassadors for the industry.

These front-line warriors are supported by some strong industry advocates. In these ranks are people such as Kirsten Gentle from the Frame and Truss Association, and Ross Hampton and his crew from the Australian Forest Products Association.

This support on behalf of industry businesses and employees continues to be essential in the face of ongoing challenges faced by industry companies and employees, notably in Victoria and now in Western Australia.

So, we thank industry advocates promoting climate change and wider

**“SILENT ON AN INDUSTRY THAT MAINTAINS THEIR LIFESTYLES**



*Foresters at the front line... where's the vocal support from academics?*

benefits to the community and the media. However, I have to say, it is extremely disappointing that forestry academics cloistered away in a number of universities around the country remain almost silent in support of the industry that sustains their lifestyles.

Okay, a few exceptions, like that parochial Queensland forester and retired academic Dr Garry Bacon AM, and of course Bob Gordon, president of the newly-minted Forestry Australia. But the bulk of our forestry's academics remain silent.

Contrast this with so-called environmental academics who are only too eager to support the anti-forestry argument in the media and community on a very regular basis. I won't name them but you know who they are, the ones continually prosecuting the anti-forestry argument in the media and community.

It's not unreasonable to think that those working in the forests, plantations, sawmills and timber yards, together with advocates in timber trade associations, get some backing and support by forestry academics in universities and other tertiary institutions.

Such a support would be greatly appreciated and demonstrate

support for these in the high-vis shirts and hard hats.

Take a leaf out of the playbook of those environmental activists who continue to pour scorn on the values and virtues of our industry of which you – and I am talking about forestry academics – are part. Stand up and speak out please!

Any comments? Hello forestry academics. You are on our team and we would appreciate some support. Love to hear from you.

**Cheryl**

### TRUNK LINES



**With CHERYL FORREST**

I think it is fair to say that those involved in the forest industry who are working to support local communities and businesses are right to feel more than somewhat let down and disappointed.

On their six-figure government salaries, regular sabbatical leave and other perks of university positions, it is almost obscene that forestry academics generally remain silent when it comes to supporting the industry that they are part of. Hello?

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# The MARKET Leader...



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# FAO supports role of forests in global bioeconomy

AUSTRALIA'S forest industries welcome the UN Food and Agriculture Organisation's new report on forest products and the vital role they play in the global bioeconomy and climate change mitigation.

The report, *Forest Products in the Global Bioeconomy: Enabling Substitution by Wood-based Products* and contributing to the Sustainable Development Goals, provides a set of recommendations to increase the contribution of forest products for climate change mitigation and sustainable development.

Ross Hampton, Australian Forest Products Association CEO and chair of the UN Advisory Committee of Sustainable Forest Based Industries, says the report



**Forest products contribute to climate change mitigation and sustainable development.**

brings together the most up-to-date knowledge on the role of forest products in the global bioeconomy.

“Wood-based products assist with climate change

mitigation by storing carbon, while also helping to reduce greenhouse gas emissions associated with the materials they substitute – such as concrete, steel, plastics,

and synthetic fibres,” Mr Hampton said.

“If we are to stay within 1.5 deg. the use of sustainably-sourced wood products will be an essential part of the circular bioeconomy,” he said.

“This report outlines the emerging technologies that make forest products easily accessible by both companies and individuals who want to reduce their impact on the planet.

“I hope the recommendations put forward by this comprehensive report to both enable and boost the use of forest products are implemented by policymakers, the private sector, governments, international cooperation bodies and researchers around the globe.”

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# Historic shot in arm for NZ timber museum

THE New Zealand Timber Museum at Putaruru, between Taupo and Hamilton in the Central North Island, is celebrating a new lease of life.

The museum recalls the history of the native forest logging and sawmilling sector which thrived 100 years ago but which all but closed by the 1970s after native tree harvesting was first very restricted and then later banned.

This was replaced by the exotic forest industry which started major plantings of mostly radiata pine from around 1920, through the first commercial radiata sawmill built by the government in Rotorua in 1939 to today's modern and high-tech forestry and wood processing sectors.

Initially established in the 1970s on the site of a native sawmill and village, nine buildings at the museum hold exhibits on site, some dating back to the 1880s.

Like all museums, the museum has gone through cycles of activity and expansion, followed by periods of dormancy.

However, the current seven volunteer trustees, with manager, part-time



staff and other volunteers, all supported by the Local South Waikato District Council and the industry, are working on an expansion project to make the museum a major Waikato Province 'destination centre' – the home of the New Zealand Timber Museum – rivalling the biggest tourist destination in the Waikato, Peter Jackson's Hobbiton.

A new café-restaurant has been funded and approved to open next year and a huge model railway complex has been delivered on site to be assembled by specialist model railway enthusiast Pierre Vuilleumier, also scheduled to open next year.

1/ Welcome to the New Zealand Timber Museum at Putaruru.

2/ The museum recalls the history of the native forest logging and sawmilling sector which thrived 100 years ago.



The museum will soon house \$600,000 worth of new forest machinery simulation modules currently en-route from the US and Europe. These will be used to train harvesting machine operators.

The trust is also planning a major new exhibit 'The Waipa Story: 1939-2021' which will show the journey of the NZ government, Fletcher Challenge, and

**MUSEUM  
A MAJOR  
DESTINATION  
CENTRE FOR  
WAIKATO**

from 2003, the privately-owned Red Stag Timber.

Red Stag has invested more than \$200 million in several ultra-efficient continuous dry-kilns, a major energy plant, the largest sawmill in the southern hemisphere and a new world-scale CLT plant, which has only just opened, but already with major expansion of its CLT and new glulam production scheduled for 2022.

The museum trustees also plan to improve its profile acknowledging the huge contribution of the local iwi Raukawa, and the NZ timber industry contribution of Maori, who historically and currently provide about 80% of all the human resources in the forest industry sector.

The museum is open seven days a week. Visitors are welcome along with forest industry donors who have been vital to the maintenance and expansion of this 'destination centre museum'.

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!

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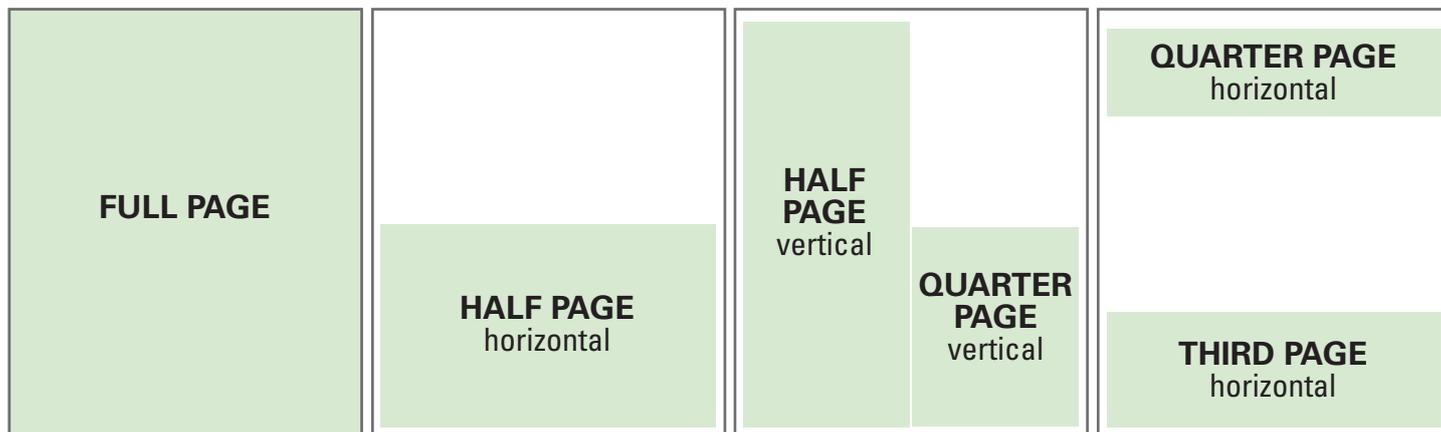
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### DISPLAY AD RATES

**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

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**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**

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Email strip • 395pxH x 1500pxW

Top website banner strip • 120pxH x 1000pxW

**• STANDARD PACKAGE: INCLUDES**

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