

UQ students on right track with durable timber bridge



The 2020 Richard Stanton Award winner... Simon Cook, sustainability manager, Forico, who has worked to drive sustainable forest management in Tasmania.

Richard Stanton Award recognises excellence in forest management

NOMINATIONS are open for this year's coveted Richard Stanton Memorial Award for Excellence in Forest Management or Chain of Custody.

This is the sixth year of the award, sponsored by Responsible Wood, which pays tribute to a man who devoted his life to sustainable forest management in Australia and internationally.

Nominations for the award are open to individuals who have contributed significantly to either forest management or chain-of-custody certification under the Responsible Wood

certification program. The award nominees will be those who have contributed to sustainable forest management under AS4708 or chain of custody under AS4707.

The Richard Stanton Award is open to, but not restricted to, forest owners and managers; chain-of-custody certificate holders; staff of certification bodies; forest scientists and researchers; and designers of products manufactured from sustainable timber.

The award also carries a \$2000 bursary prize.

Applicants for the award will have demonstrated excellence

in the following areas:

- A significant and valuable contribution to sustainability.
- Innovation, improvement or excellence in forest management or chain-of-custody certification.
- A strong commitment to the Responsible Wood certification scheme and sustainable forest management.
- Innovation and improvement in the promotion and marketing of Responsible Wood certified products

The selection of the successful applicant will be made by the Responsible Wood marketing committee and announced at

the Responsible Wood annual general meeting later this year.

Nominations for the award close at 5 pm (AEST) on Friday, October 1.

Nominations can be forwarded to: Responsible Wood, PO Box 786, New Farm, Qld 4005 or email sdorries@responsiblewood.org.au

The award winner last year was Simon Cook, sustainability manager for Forico, who leads a five-member sustainability team. He has worked tirelessly to initiate and drive sustainable forest management activities in the areas of biodiversity, carbon, and cultural values.

Australia gains from PEFC Japan appointment

AUSTRALIAN certified timber producers trading with Japan will benefit from the appointment of a new international marketing manager in Tokyo.

The long-established Sustainable Green Ecosystem Council (SGEC), the national governing body for

PEFC in Japan, has appointed Makiko Horio who will work to increase market share of forests endorsed by PEFC, the biggest global alliance of national forest certification systems.

In her new role, Ms Horio will visit PEFC brand users in Japan promoting PEFC certified forest fibre to a wide range of businesses. She will also explore new ways of communicating

PEFC's information, research, and certification systems to the wider industry.

The new position is supported by Responsible Wood and co-funded by a number of stakeholders across the Australian forest products sector.

Japan is an all-important market for Australian forest products, with sustainably sourced wood

fibre to Japan's wood biomass market a rapidly-expanding source of renewable energy.

AFFPA CEO Ross Hampton said an Australian forest products trade mission to Japan in 2019 had helped build a stronger relationship with Japan and helped expand the market for high quality certified Australian forest products.



The 2020 finalists included Kimmo Kuisma with his photo 'Metsän Keisari' ('The Emperor of the Forest'). Taken in Uurainen, Finland, the image captures the encounter between the photographer and a capercaillie.

Annual Review... highlights of PEFC's international work in 2020



The 2020 finalists included Ricardo Ramos for the photo 'Fuscos' ('Twilight'), taken in Serra da Padrela in Northern Portugal. The photo shows a young man in the forest, a sunbeam and a sprout of chestnut, an indigenous species in Portugal.

COVID-19! The year 2020 changed the way we worked, interacted and met ... indeed it changed our very lives.

While in-person meetings, audits and trainings had been key to our work before, 2020 challenged us to adapt and change the way we work.

But with new challenges come new opportunities. The 'new normal' brought new and innovative ways of working together and moving forward through a range of novel technological approaches.

Despite the challenges the past year brought, we remained

committed to unlocking and building on the full contribution of forests for a sustainable world.

In 2020, the PEFC alliance continued to grow, welcoming three new members into the family, and continued working together as a global team, collaborating and supporting each other.

PEFC kept driving innovation and unlocking new opportunities with the approval of three revised standards, the development of a new Label Generator and the establishment of new working groups.

PEFC focused engagement in

sectors such as construction, packaging and fashion, and established collaborations with new partners and strengthened the way the 'family' worked together.

Communications effectiveness was improved, connecting consumers to the forests through online campaigns, publications and videos, and equipping them to become PEFC ambassadors.

The 2020 annual review gives an insight into the work of the PEFC alliance, highlighting some of the key achievements of PEFC and its partners. Take a look!

The 2020 annual review was

released at the 2021 members meeting from May 5 to 7. The PEFC alliance is coming together to discuss key topics and issues, and exchange opinions and ideas.

While we are physically far apart, we are socially close, making sure PEFC keeps moving forward, even in these troubled times.

A copy of the document can be downloaded from the Responsible Wood website.

PEFC International launches 'Experience Forests, Experience PEFC' Photo Contest (see page 14 and 15)



Touching wood ... Mick Stephens, CEO, Timber Queensland, and Mark Furner, Minister for Agriculture and Fisheries (pictured left) and Bart Mellish, Assistant Minister to the Premier (far right) admire the 'Timber Hub' boardroom table provided by DTM Timber, represented by Curly Tatnell and Ian Haines.



The 'Timber Hub' is now Responsible Wood certified

WHEN Timber Queensland relocated to the northern Brisbane suburb of Kedron a new fit-out provided an opportunity to create a 'timber hub' showcasing Queensland specialised timber species.

Adding to the intricacy of the project, the 'Timber Hub' committed to achieve Responsible Wood project certification using timber and services donated by Timber Queensland members – with the assistance of SCS Global Services.

Early this year the hub was certified under the Responsible Wood and PEFC project certification scheme with more than 90% of

all timber sourced by suppliers with Responsible Wood chain-of-custody certification.

Australia's largest forest certification scheme Responsible Wood is a co-tenant.

The project is the second in Australia to be certified under AS 4707 and follows the highly-acclaimed Sydney Metro North West project which was certified in 2019.

Simon Dorries, CEO, Responsible Wood, explains:

"Responsible Wood project certification is a specific form of chain-of-custody certification which allows companies to receive recognition for the use of certified timber in their projects.

"Project certification provides an important mechanism for gaining independent verification for the use of certified timber in one-off projects, such as the Timber Hub fit out which has a limited duration."

The concept from day one was to reflect the warm and wonderful features of wood

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Timber Hub refurbishment partners and donors... front, Cairh Chapman, Scribed Flooring, Mark Hogan, Architectus, Josh Travers, All Kind Joinery, and Georgie Brachold, (Eco Cottages) and at back, Ian Haines, DTM, Colin Ehrke, Boral, Curly Tatnell, DTM, Greg Ceglarski, Scribed Flooring, Paul Rowbotham, Boral, Mick Stephens, Timber Queensland, Minister Mark Furner, Georgia Starkey and Greg Phipps, Eco Cottages, Ross Larking and Brad Saunders, Parkside, Rob Mansell, XLam, Stuart Matthews, Austral Plywoods, and Milos Slavik, Rothoblaas.

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Detailing the certification process, Mr Dorries identified the importance of developing project procedures to monitor compliance with chain-of-custody standards.

Responsible Wood has developed a project certification manual that provides all the procedures required for project certification. A copy of this document is available free from the Responsible Wood website and online to assist with future project certifications.

In the new Timber Hub, individual offices, common and break areas, and the foyer have been framed with a variety of timbers and hardwood upright dowels – with a deliberate emphasis on



At the 'Timber Hub' launch... Robert Mansell, Xlam, Mark Thomson, Eco Effective (Responsible Wood director), and Clarissa Brandt, Timber Queensland.

'biomorphism' where wood is used to reflect the patterns and shapes as seen in nature.

Timber Queensland CEO Mick Stephens said the concept from day one was to reflect the warm and wonderful features of wood as well as showcase the variety of commercial timber products and species produced in Queensland.



David Bennett, PF Olsen with Jason Ross, Responsible Wood, talk about the Timber Hub's project certification.



Stuart Matthews, Austral Plywoods, and Curly Tatnell, DTM Timber, celebrate the use of their products at the 'Timber Hub' fit-out.



Representing eco cottages at the launch are Greg Phipps, managing director, Georgie Brachold, and Georgia Starkey.

Project sponsors cutting the ribbon to launch the 21C drop slab hut... Roger McRaid, facilitator, Moorabool Landcare Network; Kevin Harding, President Australian Forest Growers; Mia Forrester, Lal Lal Catchment Landcare; Jason Ross, Responsible Wood; Linda Baird, CEO, Eucalypt Australia; Alison Teese, board member, Eucalypt Australia; Tracey Ward, Lal Lal Wind Farms; Ken King, chair, Eucalypt Australia, and Dean Turner, general manager, western region, HVP Plantations.



Slab hut: economic advantages to grow local for forest communities

THE launch of a 21st century drop slab hut in the ImLaL bio-rich plantation at Ballarat, Vic, marks the first project completed under Responsible Wood's Small Grants initiative.

The ceremony, organised by Ballarat Region Treegrowers, the local branch of the Australian Forest Growers, was attended by more than 60 visitors and project sponsors on March 26.

The Small Grants program seeks to support regional and rural Australian communities to connect with Responsible Wood locally-certified forests. Specifically, the small grants program is designed to support local communities better access or experience their local forests.

Standing in a clearing within the 15 ha plantation, the drop slab hut will be a focus for meetings, shelter and storage and demonstrates in a practical way how eucalypts and other native timbers can advance habitat creation, while offering sustainable resources for human use.

In building the hut, Ballarat Region Treegrowers and wood craftsman Lachlan Park followed three organising principles

– going local, slow and carbon low. The timbers were from largely 'unsung' common native trees, grown by local farm foresters.

Species include sugar gum (*Eucalyptus cladocalyx*) for the hut's frame, messmate stringy bark (*E. obliqua*) for the drop slab walls and black wattle (*Acacia mearnsii*) for floor boards and the hut's rolling doors.



The timbers were from largely 'unsung' common native trees, grown by local farm foresters

Secretary of the Ballarat Region Treegrowers Gib Wettenhall said there was an increasing recognition that going local brought a comparative economic advantage.

"A place-based approach offers authenticity and a chain of custody back to the provenance of whatever you are producing," Ms Wettenhall said.

"Making authentic local products demands in many ways a return to craftsmanship. The birth of the industrial era 200 years ago heralded the arrival of mass production and long distance external value chains – both

deadening to individual expression."

Like the artisans of old, slab hut builder Lachie Park is a highly skilled and dedicated craftsman who chooses to work on his own with green wood.

He says using wood the old, slow ways involved felling a tree and working with it green on the spot to craft a boat, barn or Japanese temple of beauty ... all done alone or in a small team with mostly inexpensive tools and without a battalion of expensive middle men. Pegging posts and beams together allowed for movement and shrinkage.

Lachie Park came to the project with the idea of updating the uniquely Aussie invention in hut building – the drop slab hut. He was not seeking to replicate the old miners and cattlemen's huts of the high plains, rather he was bringing his full range of skills and modern technology to bear in reframing the drop slab hut technique, so that it's updated and fit for purpose for the 21st century.

Choosing unprocessed natural products – such as wood and the granite foundation stones – further reduces embedded energy.

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Linda Baird, CEO Eucalypt Australia chats with Susan Moodie.



Steve Matthews, Gayl Morrow, Geraldine Maher, and Geoff Park.

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“In a paradoxical way, the granite foundation stones help our drop slab hut sit lightly on the earth,” Lachie said. “Unlike concrete, no energy-sapping processing is involved, nor ravaging of the world’s river sand deltas.”

Principal sponsors for the project are IFA/AFG, Eucalypt Australia, Lal Lal Wind Farms, Lal Lal Catchment Landcare Group, SUVO Minerals Australia, Responsible Wood, and HVP Plantations.

Established in 2010 as a demonstration site, the ImLaL plantation has a biodiverse core replicating the original natural forest with species diversity of more than 40 plants and five structural layers, once found in swamp woodland.

Clumps of commercial forestry trees, such as Otway and Sydney blue gum, bulk out the biodiverse core not only optimising biodiversity, but providing resources to the landholder for farm use and income diversification.



Lina Murphy, Stephen Murphy, designer of the bio-rich plantation, and Susan Meyer.



Geoff Park and Chris Pitfield, Corangamite Catchments Management Authority, Colac.



Kevin Harding, president, Australian Forest Growers, David Fiskin, Central Victorian Farm Plantations, and Gib Wettenhall, secretary, Ballarat Region Treegrowers.



Joanne Jackson and Lorraine Hughes of Palletmasters, Clontarf, visit Paul Anderson, principal adviser, Imems Environmental Service, and Tim Evans, Coast to Coast Pacific, Caboolture, on the Imems exhibit at the Timber Queensland symposium.

Doing Timber Business in Queensland celebrates the power of forests for good

DELEGATES to the Doing Timber Business in Queensland were briefed on the historic trans-Tasman sustainable forest management standard (AS / NZS 4708) by Simon Dorries, CEO, Responsible Wood.

The standard will provide common benchmarks for certified Australian and New Zealand forests.

“The new standard, scheduled for release later this year, will be audited for acceptance by PEFC International to meet current and future expectations for forest management in both countries,” Mr Dorries said.

Reflecting on the International Day of Forests (March 21), Mr Dorries stressed the importance of sustainable and responsible forestry practices in unlocking the full potential of forests.

“The new standard has been developed to recognise the UN Sustainable Development Goals (SDGs), providing a framework for our industry to achieve commitments to the SDGs.

“Whether its minimising poverty and hunger, promoting education, good health and wellbeing and gender equality or clean health, sanitation,



Simon Dorries addresses Doing Timber Business in Queensland.

Responsible forestry practices are unlocking the full potential of forests

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affordable and clean energy and decent work opportunities, our standards plays an all-important in setting benchmarks and for forest certification.”

Mr Dorries congratulated Timber Queensland’s ‘Timber Hub’ office fit-out which became the second project in Australia to be certified under AS 4707 – Responsible Wood’s chain of custody for sustainable forest management claims.

“Responsible Wood project certification is a specific form of chain-of custody certification which allows companies to receive recognition for the use of certified timber in their projects,” Mr Dorries said.

“Project certification provides an important mechanism for gaining independent verification for the use of certified timber in one-off projects, such as the Timber Hub which has a limited duration.”

Responsible Wood, Australia’s largest forest certification scheme, was gold sponsor of the Timber Queensland symposium, which brought together representatives of the full Queensland supply chain for forest products.



Strong showing for DAF... Rebecca Enright, Nicole Richardson, and Kerrie Catchpole.



Dr Joe Gattas and Dr Lisa Ottenhaus... both from the University of Queensland.



Nicholas Kempf, Proven Energy Management, and John Eggleton, Peachester Timber Company.



Sonia Costin, Eco Cottages, and Beth Welden, ForestLearning.



Aaron Hillman, TrussCorp, and Scott Millhouse, Woodhouse Timber Company,

Adventurous UQ students on right track with durable timber bridge



Celebrating timber design at the University of Queensland... Zidi Yan, PhD candidate in structural timber engineering, Dr Lisa Ottenhaus, lecturer, Sam Butler, senior technical officer, UQ Faculty of Engineering, Architecture and Information Technology, Duncan Hossy and William Webster, UQ School of Civil Engineering, Kim Baber, fellow in Civil Engineering and Architecture, Dr Catherine Keys, research fellow, School of Architecture, and Dylan Francis and Simin Louei, School of Architecture.

TIMBER building materials produced from sustainably-grown local plantations and the benefits this brings to reducing carbon output are the thrusts of a prize-winning project by two University of Queensland civil engineering students.

Duncan Hossy and William Webster were awarded Responsible Wood Civil Engineering prizes for excellence in timber design for two bridges at the Brisbane Valley Adventure Rail Trail.

The students were recognised for their performance in coursework and commitment to timber building. They were paired with masters architecture group Sam

Chen, Dae Kim and Neve Sela who created an architectural concept design for Duncan and William to engineer over a six-week period.

The longest rail trail in Australia at 161 km, building commenced at Wulkuraka near Ipswich in 1884 and was completed at Yarraman, 165 km from Brisbane, in 1913.

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Bridging the gap between worlds and cultures ... the concept for the Brisbane Valley Rail Trail timber bridge project was grounded on the historical significance of the site ... Aboriginal, colonial and biological. The two bridges will reflect past and present ideas of construction.

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The historic trail winds its way up the Brisbane valley, traversing forests, farmlands and country towns.

“Timber has the aesthetic benefit of easily integrating into the forested environment of the surrounding area,” Duncan Hossy and William Webster said.

“The use of timber, however, creates new durability challenges with respect to sun and moisture exposure, insect attack and fire threats, so these durability impacts were also part of the project,” they said.

Primary focus of the project was, of course, on the structural design of timber members for strength and serviceability (deflection, vibration etc).

Duncan Hossy has completed a four-year bachelor of engineering with first-class honours, majoring in civil engineering. His

sights were set on becoming a structural engineer when he was in Grade 9 at school. He accepted a graduate structural engineering position at Brisbane consultant engineering firm Bornhorst and Ward in 2021 and has been involved in a 20-storey residential high-rise project at Milton.



**‘I have been strongly pushing to integrate timber into as many structures as I can’
- Duncan Hossy**

“Ever since completing the Design of Timber Structures course at UQ I have been strongly pushing to integrate timber into as many structures as I can,” Duncan said.

“I am also considering completing a PhD in timber engineering in the future after

gathering some practical experience.”

Duncan and William also completed a design of a residential high-rise timber structure in a fourth-year advanced elective called ‘Advanced structural Analysis’.

During the project they used finite element analysis (FEM) theory to analyse all structural components including CLT floors and walls and glulam beams and connections. This was purely a structural design course so all their focus was on engineering design.

Responsible Wood CEO Simon Dorries said he was impressed with the passion expressed by timber students in the winning projects.

“They give us the ideal opportunity to connect with the next generation of leaders in civil engineering design – a generation increasingly concerned with the wellbeing of global forests,” Mr Dorries said.

Building the planet: architects can help combat climate change

BUILDING and construction work accounts for 39% of energy-related CO2 emissions. Architects and those working

in the construction sector have the power to change this. They play a key role in combating climate change by shifting to sustainable

construction, says PEFC.

Concrete and steel are among the most frequently used construction materials. But they emit high amounts of carbon. This means a great

responsibility for architects and others working in the sector.

There is a sustainable alternative to carbon-intensive building materials ... and it is growing in our forests!

Responsible Wood connects with next generation of leaders in architecture



University of Queensland architectural students at work on the design of a fire observation tower in the Brisbane Valley... Emilie Hildebrandt, Simin Louei, Alec Hutchinson, Matthew Walton and Dylan Francis.

TWO University of Queensland architectural students have been awarded the Responsible Wood Architectural Prize for Excellence in Timber Design for their research paper and model on the construction of a fire observation tower in the Brisbane Valley region.

Tower is constructed from more than 200 singular prefabricated panels

The students, Dylan Francks and Simin Louei, assisted by Matthew Walton, Alec Hutchinson and Emilie Hildebrandt, presented research design and models for the Emu Creek Observation Tower, which uses culturally sustainable participatory principles.

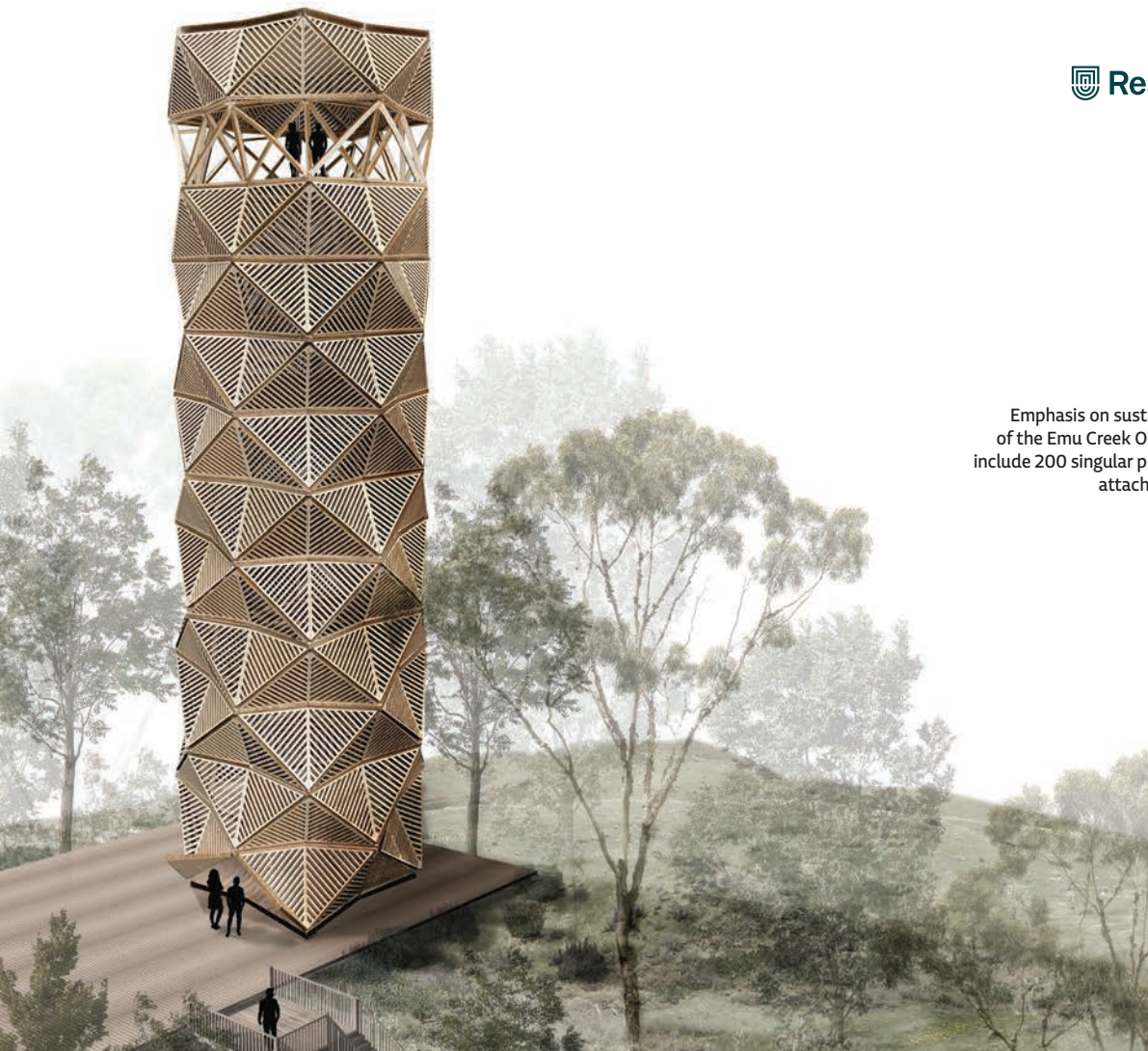
It has been argued that the emphasis of sustainable development within the field of architecture has been mostly concentrated on environmental 'green issues', with the aspects of culture lying outside the scope of research for many years.

However, in recent times, there appears

to be growing interest among scholars to emphasise the important role that culture plays within the maintenance of sustainable development.

The project, completed for the requirements of ARCH7071: Arch Research: Environmental Sustainability, looked to establish the region as a new travel destination for campers and adventurers within southeast Queensland. The on-site facilities include camping grounds, 4x4 tracks, a water sports activity area, raised walking tracks, horse stables, an

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Emphasis on sustainable development... model of the Emu Creek Observation Tower designed to include 200 singular prefabricated panels which are attached to a larger superstructure.



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auditorium, zip lines and a 30 m tall fire lookout tower.

The polyhedral tower is constructed from more than 200 singular prefabricated panels which are attached to a larger superstructure. The panels act as a perforated screens or louvres, shading visitors from the harsh Queensland sun as they climb to the observation platform at the top of the tower. Once visitors reach the peak they are rewarded with a view of the surrounding Brisbane Valley and mountain ranges.

As the students Dylan and Simin suggest, there could be significant issues of sustainable development that will be missed if the role of culture is undermined, with culture itself providing a necessary foundation and condition to reach sustainable development goals.

Though there has been a distinct shift towards the inclusion of indigenous architecture in contemporary Australian society, mixed intentions could be partly

to blame for the varied results and slow uptake associated with the practice, as many scholars and practitioners have been engaged “for their aesthetics rather than politics,” while indigenous collaborators may have participated with less of an aesthetic vision in mind and more for political intent.

Responsible Wood CEO Simon Dorries said the award provided an ideal opportunity to connect with the next generation of leaders in architectural design – a generation increasingly concerned with the wellbeing of global forests.

Responsible Wood is the governing body in Australia for PEFC International, the world’s largest forest certification scheme.

“Certification plays a crucial role in ensuring forests are managed responsibly and sustainably, now and for multi-generational use in the future,” Mr Dorries said.

“Responsible Wood is committed to working with universities to educate tomorrow’s leaders about the power of forest certification for greater good.”

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Educating tomorrow’s leaders about the power of forest certification for greater good.

Though there has been a distinct shift towards the inclusion of indigenous architecture in contemporary Australian society, mixed intentions could be partly to blame for the varied results and slow uptake associated with the practice, as many scholars and practitioners have been engaged “for their aesthetics rather than politics,” while indigenous collaborators may have participated with less of an aesthetic vision in mind and more for political intel.

Your photos, please! Experience Forests, Experience PEFC' contest

The 2020 finalists included Martin Šebesta for his photo 'Les ponorený v oblakoch' ('Forest submerged in clouds'), showing "curious trees peeking out from under a veil of fog" in Slovakia

LAUNCHED to celebrate Earth Day, the 'Experience Forests, Experience PEFC' photo contest is back!

For the fifth time, we are inviting professional and amateur photographers to submit their best forest photos, for the chance to become the 2021 PEFC Photographer of the Year.

Colourful trees, forest landscapes, children playing, people working or animals living in the forest – share your photo and help us to escape to the wonderful world of forests in our imaginations.

How to take part? To enter your photo is simple, check out www.pefc.photo to see if there is a national contest in your country. Then head to Instagram and post your forest photo using the contest hashtag of your country. And that's it, you're done!

We can't wait to see your amazing forest photos. Last year, we received almost 8000 entries, so let's see if we can get even more this year.

As well as getting the chance to win a

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The 2020 finalists included Ruggero Alberti for his photo 'Illuminato' ('Illuminated'), taken in Mezzano in Trento, Northern Italy.



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fantastic national prize, the best photos from all the national contests will enter the international contest and compete for the 2021 PEFC Photographer of the Year Award.

The overall winner receives a cash prize of \$2000.

The top 12 photos will be featured in the

2022 'Experience Forests, Experience PEFC' photo calendar on the PEFC International and members' websites, and potentially other places throughout the year.



The 2020 finalists included Giri Wijayanto for his photo 'Bakau Menari Walakiri' ('Dancing Mangrove in Walakiri'), taken at Walakiri beach, East Nusa Tenggara, Indonesia.

Forests come in all shapes and sizes: balancing people, planet and profit

JASON ROSS

FORESTS come in all shapes and sizes, those owned by states, private managers or investment companies to those operated by small families and communities.

Responsible Wood certification provides assurances that forests are managed to meet challenging environmental, social, and economic requirements – balancing people, the planet and profit.

The Muskett family operates Australia's smallest forest now certified under the Responsible Wood certification scheme and located in the Lower Derwent Valley in the heart of Tasmania's timber country.

Muskett Family Forests is home to some of the highest quality, sustainably-sourced timber anywhere in the world.

On site, third-generation forester Andrew Scott took Responsible Wood on a guided tour. On just 142 ha, this is the smallest independent Defined Forest Area in Australia. The forest comprises wet eucalypts with some areas of mixed forest that have a rainforest understory rich in high-value specialty timbers. According to director Kevin Muskett, the family decided to go down the certification route themselves given their previous extensive experience in forest harvesting. They are now operating a variable DFA for other landowners and provide a complete package of certification and harvesting.

Home to some of the highest quality, sustainably-sourced timber anywhere in the world.

As well as a Responsible Wood forest management scheme, the family is a licensee for Fine Timber Tasmania, a Responsible Wood chain-of-custody group scheme. This allows them to mill and process the wood, mainly the special species timber, while

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Muskett Family Forests is home to some of the highest quality, sustainably-sourced timber anywhere in the world.



The Muskett Family Forest is home to some of Tasmania's highest value timbers including Sassafras.

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maintaining its certification status throughout the supply chain. To allow for year-long activities, the Muskett family utilises a unique residue management approach known as 'cording and matting'. Using forest residues to create an underlay on the forest floor, forest activities can continue through the wet season. The residue creates clean snig tracks and strong landing sites while improving forest rehabilitation – now and for many generations to come.

The Muskett family – B.R. & K.F. Muskett & Sons Pty Ltd – has been at the forefront of the Tasmanian timber industry for more than 70 years, a name synonymous with harvesting and hauling state-wide.

Muskett family has been at the forefront of the Tasmanian timber industry for more than 70 years



Third-generation forester Andrew Scott, forest manager at the Muskett Family Forests, provided Responsible Wood with a guided tour of operations.

From pulling logs with horses and bullocks, BR & KF Muskett & Sons was the first contractor to use a grapple skidder in southern Tasmania, the first to use a tree shear and feller buncher and the first to use a feller buncher in cable logging.

Starting with Brian Muskett and wife Kathleen, the family business now includes sons Kevin, Geoffrey and Robert and daughter Helen. As well Kevin's sons Matthew, and Andrew, and Geoffrey's sons, Nicholas, and Cassidy, are now part of the business.

The company runs 14 trucks, 12 of them on 24-hour five-day rotation, and employs 55 staff, providing harvest and haul services to Norske Skog Boyer and Forico, both certified under the Responsible Wood scheme.

BR & KF Muskett & Sons was recognised in 2015 with an award for exemplary performance related to the management of sinkholes and shovel logging on steep slopes.

A dedicated website for Muskett Family Forests has now been launched. Visit www.muskettfamilyforests.com.au

• Jason Ross is Responsible Wood marketing and communications officer

Darryl Freestone... the craftsman behind Wood n Dream.

Turning with the grain: specialty Tasmanian timbers win royal approval



JASON ROSS

FROM his Wood n Dream workshop in Richmond, Tasmania, master craftsman Darryl Freestone casts an impressive figure.

With a background in the hard and fast print industry, Darryl sought the clean air and relaxed lifestyle in a Tasmanian sea change.

That was 2005.

Darryl's famous 'royal' grinders are honed after many years' experience in spindle work

Self-taught using a GMC lathe, today the Wood n Dream workshop possesses an impressive array of cutting-edge woodturning lathes and equipment.

A man with an eye for precision, Darryl is the expert wood-turner who has made his name producing the finest quality wood products fit for a king or prince.

"My most memorable experience, and perhaps my most memorable customers, was a meeting with Prince Charles and the Duchess of Cornwall when they visited Hobart as part of a six-day tour of Australia to mark the Queen's Diamond Jubilee," Darryl said.

"The royal couple bought two of my salt and pepper grinders to

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Wood n Dream's famous 'royal' salt and pepper grinders use 'crush grind diamond' mechanisms and carry a 25-year guarantee.

Whether it's centre-piece bowls, cheese knives, or grinders, all pieces at Wood n Dream are made from stunning native certified Tasmanian specialty timbers.

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take back home, so I guess, unofficially, that gives them a royal standard," he said.

Darryl's famous 'royal' grinders are honed after many years' experience in spindle work and using 'crush grind diamond' mechanisms which carry a 25-year guarantee.

An amazing range of wood products produced at Darryl's workshop are crafted from stunning native Tasmanian timbers such as sassafras, Huon pine, blackwood, and myrtle.

These timbers have high value and must be traceable from forests that practice sustainable forest management both today and for many generations to come.

Wood n Dream is one of more than 30 Tasmanian timber businesses now covered by the Fine Timber Tasmania Group's chain-of-custody system.

Managed by Brueckner and Mark Leech and Eddy Willis, Fine Timber Tasmania is the largest chain-of-custody group scheme in the Responsible Wood certification scheme.

The chain-of-custody system is simple yet rigorous and covers all steps in the supply chain and ensures licensees, such as Wood n Dream, only make timber products that can be traced back to a sustainable and legal source.

Mark Leech explains: "Fine Timber Tasmania provides a system that manages our Responsible Wood chain-of-custody



The chain-of-custody system is simple yet rigorous and covers all steps in the supply chain

certification; it covers the full timber supply chain and effectively demonstrates the origin and ensures timber sourced from Tasmanian forests meet environmental and social credentials."

Wood n Dream wood products are available at Australian airports, Bungendore Wood Works in the ACT and David Linton Gallery in Maleny on Queensland's Sunshine Coast.

In addition, Wood n Dream will soon be trading at the famous Salamanca Markets in Salamanca Place, Hobart.

• Jason Ross is Responsible Wood marketing and communications officer

Maryborough Fire and Emergency Services crew Jenny Millers and Shaune Toohey (left) and James Gill (right) with Bruce Saunders, MP Maryborough, and Katie Fowden and James Hyne, Hyne Timber.



Engineered timber the solution to replacement of heritage fire station

HYNE Timber has welcomed the Queensland government's decision to build the replacement, state-of-the-art Maryborough Fire and Emergency Services complex from the company's engineered timber solutions.

The first glimpse of the design shows how the design team will retain and restore the existing, heritage-valued brick façade.

Hyne executive director James Hyne said this was a great way to support regional jobs while showcasing the qualities of glue laminated and cross laminated timber.

"We know the existing building has local heritage value, so it was important to us to

retain and even restore the iconic façade as part of the design," Mr Hyne said.

"From the local plantation forest through to the Tuan sawmill and ending in our new glue laminated plant, this building in the heart of our home town will be a showcase of contemporary, mass timber capability, proudly grown and processed right here in the Wide Bay."

Mr Hyne said this would be Australia's



The building in the heart of Maryborough is showcase of contemporary, mass timber capability.

first contemporary engineered timber fire station and regional headquarters, fully supported by fire engineering experts.

He thanked the state government and project partners Hutchinson Builders, Baber Studio, XLam and the University of Queensland.

The \$12.1 million complex replacement is considered an exemplar project by the University of Queensland Centre for Future Timber Structures which carried out a full 3D scan of the existing structure bringing a range of intellectual property to the design team.

Professor Carlo Prato, head of the UQ School of Civil Engineering, emphasised

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Rendered image shows the timber structure for the replacement of the Maryborough Fire and Emergency Services complex.



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how the project embodies the immense potential for success that the CFTS pursues.

“I cannot think of a better example of the heights that industry and research institutions can achieve when they join forces to pursue their dreams of making sustainable buildings a reality,” Professor Prato said.

“And similarly, I cannot think of a better symbol of the importance of having architects and engineers work together to the design of the future of sustainable built environment.”

The principal architect for the project Kim Baber of Baber Studio in Brisbane said international benchmarks of similar facilities built using mass timber in Europe and North America were researched.

“It was important for us to understand what has worked well overseas with a number of similar facilities already demonstrating



Architect for the Maryborough Fire Station Kim Baber using the project's building information modelling (BIM) software.

mass timber as a sustainable and ideal building solution,” Mr Baber said.

“We then considered the brief from QFES and the current site limitations in order to design a replacement facility which will meet the very specific needs of the first responders and coordinators of emergency response for the region while protecting the heritage value,” he said.

“It has been a collaborative and fascinating journey.”

The complex uses timber certified under the Responsible Wood certification scheme, using timber sourced from forests that is

certified to the Australian Standard for Sustainable Forest Management.

‘It has been a collaborative and fascinating journey’
– architect Kim Baber

In 2018, the project's building information modelling (BIM) software was awarded the coveted Richard Stanton Award for Excellence sponsored by Responsible Wood. (Timber&Forestry enews)

Equestrian centre 'raises the roof' for chain-of-custody timber certification



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Enabling Sustainability

Supplied by local sawmiller Ryan & McNulty, using an EcoPly product produced locally in Myrtleford by Carter Holt Harvey, and distributed through Jackaroo Timbers, the Responsible Wood kick-rail fence is the 'icing on the cake' for the community project.

LOCATED in the heart of Benalla, famed for its connection to Ned Kelly and the Kelly gang, the Sports and Equestrian Centre is a melting pot for equestrian community activity in the high country of north-eastern Victoria.


The picturesque venue boasts high quality infrastructure including a 72 m x 40 m covered riding arena erected in 2019, providing an all-weather surface with floodlighting for local and regional equestrian participants alike.

The centre is a much sought-after venue and the story behind its arena construction underpins the strength of local community and its power for good.

Established in 2016 when three local equestrian clubs, Benalla Adult Riding Club Inc., Big Valley Quarter Horse Association Inc. and the Benalla Pony Club, came together, Raise the Roof

Benalla Inc. is a community organisation that works in partnership to construct and manage the large, covered sand arena.

The organisation works tirelessly to support local clubs, develop venue infrastructure and promote involvement across various equestrian disciplines.



The centre is a much sought-after venue and the story behind its arena construction underpins the strength of local communities

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Raise the Roof Benalla secretary Kyra Rheese explains:

“Our mission is to provide an outstanding, all-inclusive, safe regional equestrian facility that services all levels of events in the sport while fostering healthy competition, life-long friendships, camaraderie and social wellbeing within the community.”

More recently, Raise the Roof Benalla has turned its attention to a new project – installation of a 1.3 m high equine kick rail safety fence down both long sides of the covered arena (144 m total length) using a plywood timber product certified under full Responsible Wood chain-of-custody certification.

Supplied by local sawmiller Ryan & McNulty, using an EcoPly product produced locally in Myrtleford by Carter Holt Harvey and distributed through Jackaroo Timbers, the fence is the ‘icing on the cake’ for a project that has received wide community and government support.

The choice to insist on Responsible Wood full chain-of-custody certification is an important step in recognising the chain of custody to the wider community.

Kyra Rheese says the new equine kick rail fence is an ideal way to showcase Responsible Wood certified products in an engaging and all-inclusive manner in a public space.



The picturesque Benalla Sports and Equestrian Centre boasts high quality infrastructure including a 72 m x 40 m covered riding arena, providing an all-weather surface with floodlighting for local and regional equestrian participants alike.

Responsible Wood will feature on arena signage for three years and will work with local certificate holders to educate the community on chain-of-custody certification.

The new equine kick rail fence is an ideal way to showcase Responsible Wood certified products in an engaging manner in a public space.

Raise the Roof Benalla was one of the entrants in the 2020 Responsible Wood Small Grants Program.

Website makeover a new informative online presence

FROM August, Responsible Wood will have a new online presence ... the launch of a new website.

The new website follows extensive feedback from members, certificate holders and stakeholders and will improve the user for website visitors. The new website

follows the launch of the PEFC International website in June last year and the PEFC Australia and PEFC New Zealand websites in 2020.

New features include integrated social media buttons for Facebook, Twitter and

LinkedIn. Responsible Wood will constantly updated content with helpful information, case studies, news and events.

Additionally, Responsible Wood encourages all users to sign up to its weekly e-newsletter via the Responsible

Wood website. Visit: www.responsiblewood.org.au/contact-us/



Responsible Wood gets behind push for 'Aussie Made' products



THE first-ever Australian Made Week kicked off on May 24 and shoppers are being urged to say 'g'day' to one extra locally made or grown product per week to help boost the country's economy over the next 12 months.

According to recent Roy Morgan research, if every household spent an additional \$10 a week on Australian-made products, it would inject an extra \$5 billion into the economy each year and create up to 11,000 new jobs.

And the Australian forest products sector is no different.

As custodian of the Australian standards for Sustainable Forest Management (AS 4708) and Chain of Custody for Forest Products (AS 4707), Responsible Wood is strongly aligned to the campaign.

"The famous 'Australian Made, Australian Grown' certification trademark is the true mark of Aussie authenticity, recognised widely and underpinned by a third-party accreditation system," Responsible Wood CEO Simon Dorries said.



"Responsible Wood certification is used right across the Australian forest products value chain and demonstrates to customers and buyers that timber and paper-based products are grown in sustainably-managed forests and manufactured, retailed and sold through Australian businesses," he said.

Australian Made CEO Ben Lazzaro said the purpose of Australian Made Week was to celebrate and support local makers and growers.

"It's an opportunity to focus on the benefits of buying local and highlight that when you buy Australian Made you have a direct economic impact on the livelihoods of hundreds of thousands of Australians throughout the supply chain," Mr Lazzaro said.

"Even making a small change in your weekly shopping can create a huge difference for local businesses."

Entrepreneur, model and Australian Made ambassador Elyse Knowles is calling on everyone to buy genuine Aussie products bearing the trusted green-and-gold kangaroo logo.

"When you're making purchases – whether it's flowers, bedlinen, skincare or socks – go for Australian Made or Grown and spread the word on your socials by posting about your buy with #AustralianMade Week," Elyse said.

"There are so many high-quality Australian products and we have an international reputation for some of the highest standards in craftsmanship, safety and quality."

On the board

Dr Hans Drielsma AM
Stuart West
Katie Fowden

Mark Thomson
Judy Alexander
Dr Tony Bartlett

Mark Gauthier
Patrizia Torelli
Craig Smith

Chief Executive Officer
Simon Dorries