

Global GreenTag Stage	Brickworks Stage	Boral Stage	Lendlease Stage
<p>10.30am–11.30am Weathertex - the all natural alternative Contemporary design using Sustainable Weathertex (Green Tag Platinum rated). Speaker: Glenn Cairncross, Weathertex</p>	<p>10.45am-11.45am Innovative solutions for massive timber construction and prefab Hidden connections for walls and beams Acoustic solutions. Waterproofing. Right tools for the right job. Speaker: Felix Scheibmair, Timber Connect</p>	<p>10.30am-11.30am Sustainable Window Shades and Blinds Creative Superhero Ronny Matzat collaborates with Norfolk blinds to inspire you on the possibilities and benefits of sustainable window shades. Come along to experience a glimpse of the future of holistic design and contemporary lifestyle. Speaker: Ronny Matzat, DSGN Kartell</p>	<p>10.45am-11.45am The development and use of Standards in the Building and Construction sector Insights on the use of Standards as deemed-to-satisfy to meet the NCC performance requirements. Information on the functions of technical committees and how best to engage with Standards Australia to develop new Standards or revise existing ones. Speaker: Alison Scotland, Standards Australia</p>
<p>11.30am-12.30pm Holes in Buildings What it takes to make energy efficient windows and doors work in the Australian context. Bryce will delve into the use of shutters and shading vs traditional window coverings looking at summer shading, thermal protection, impact protection, security and bush fires. Basically where are the real benefits - getting the best bang for your buck. Speaker is Bryce Hedditch, Sonnenschutz</p>	<p>11.45am-12.45pm Living With Bamboo Anne will provide experienced insights into the world of bamboo delving into different products and the manufacturing process. Speaker: Anne Astorino, LETObamboo</p>	<p>11.30am-12.30pm Solar Power and Energy Storage – the Future of Energy Solar Power has long been a standard for Sustainable Building. Now, there are innovative and affordable options for storing & using energy that are revolutionising how we think about power. This seminar will look at how solar power and storage work together, the difference between off-grid & on-grid energy options, new technologies and options, how to determine financial returns, & the possibilities for future-proofing energy usage. There will also be demonstrations. Speaker: Jonathan Fisk, Solaray Energy</p>	<p>11.45am-12.45pm Improving the productivity of infrastructure through sustainable supply The Infrastructure Sustainability Council of Australia (ISCA) has built a community of practice around the IS rating scheme. This seminar will guide attendees on how to interact with this community to deliver increased productivity in the infrastructure sector. Speaker: Hayley Jarick, Infrastructure Sustainability Council of Australia (ISCA)</p>
<p>12.30pm-1.30pm How the Living Building Challenge shapes architecture Following on from a brief introduction to the Living Building Challenge, Caroline will explore how this exemplary sustainability framework has been influencing her thinking and design outcomes in a number of the projects her practice is involved with. Speaker: Caroline Pidcock, PIDCOCK - Architecture + Sustainability</p>	<p>12.45pm-1.45pm Design for the future: durability, longevity and sustainability in building materials An insight into the sustainability credentials of a range of building products from recycled bricks to solar roof tiles, how the old school of manufacturing in Australia is making way for the new and how beautiful products that last forever can help create unique and sustainable spaces. Speaker: Lara Robertson, Brickworks Building Products</p>	<p>12.30pm-1.30pm How to build faster, stronger buildings for less money with the innovative Dincel Construction System The presentation will demonstrate how an innovative Australian invented and manufactured product is changing the way we build. Speaker: Eser Usta, Dincel</p>	<p>12.45pm-1.45pm Smart WaterMark – The need for water Explain why it is important for saving water to become a permanent way of life, not just something that we do during times of drought or water stress. Discuss what Smart WaterMark does and how choosing Smart WaterMark products can help us save water in the home. Speaker: Chris Philpot, Smart WaterMark</p>
<p>1.30pm-2.30pm Certification and the Supply Chain Without certification in the building sustainability space, the supply chain would be operating blind. As billions of dollars are now at stake, a certification standard that also has a deep and direct relationship with green building rating tools is intrinsically important. Building professionals need to know and be assured that a certified product assessment equals clarity and transparency of information to: save time, reduce risk, reduce cost, enable comparison and enhance submissions. For manufacturers, understanding how certification adds value to the supply chain is also about the greater, environmental benefits of having a system that is continually caring about the future. Speaker: Brett Hazlett, Global GreenTag</p>	<p>1.45pm-2.45pm So what do you know about your supply chains, and what do you want them to know? Your supply chains account for a massive proportion of your organisation's expenditure - how can we make them more collaborative, clever and competitive across the construction, property and infrastructure sectors? Speaker: Robin Mellon, Supply Chain Sustainability School</p>	<p>1.30pm-2.30pm Boral Concrete, Timber and Plasterboard – Sustainability Seminar will cover what each product is and the sustainability within, including use of recycled materials and sustainable processes. Speakers: Spiros Pappas, Boral Concrete, TBA, Boral Timber and Brendon Grech, Boral Plasterboard</p>	<p>1.45pm-2.45pm Declare and the Living Product Challenge: the Invitation and the Opportunity Truth and Transparency are essential to the transformation of the materials supply chain. Declare and the Living Product Challenge are two frameworks offered by the International Living Future Institute inviting manufacturers to contribute to a restorative, thriving future. We'll talk through the essentials of each program, and use recent case studies to illustrate the outcomes being achieved by the companies embracing them. Speaker: Mary Casey, Living Future Institute of Australia</p>
<p>2.30pm-3.30pm Sustainability and the law in action An overview of the interaction between the law and sustainability in property developments. A case study of an award winning project, Fraser's Central Park which involves a number of cutting edge sustainability initiatives within the context of a complex titling scheme, including a number of stratum and strata schemes. Speakers: Breellen Warry and Cameron Sheather, Holding Redlich</p>	<p>2.45pm-3.45pm Selection considerations for waterproofing membranes in green building construction We will look at the main considerations to differentiate waterproofing membranes based on the suitability in green building construction. Speaker: Mark Zangari, Ardex Australia</p>		<p>2.45pm-3.45pm Getting your windows right the first time and avoiding renovation regrets This presentation will delve into some of the choices during the building process and how good design and specification of glazing can boost the performance and comfort of the home. The focus will be on getting the choices made during the design and construction working for the life of the building and avoiding renovation/building regrets. Speaker: Richard Hamber, Australian Window Association</p>
<p>3.30pm-4.30pm Do we think about our indoor environment when talking about sustainability? We spend a lot of our time indoors – how can plants help achieve productivity in a healthy and sustainable environment? Speaker: Johan Hodgson, Ambius</p>	<p>3.45pm-4.45pm The Future of the Construction Industry What are the technology trends disrupting the construction industry and how are they going to affect the properties that we build and the way we live in them? Kylie looks at the data to understand both the short term and long term future for construction and identifies how our building practices are likely to be dramatically changed. Speaker: Kylie Davis, Cordell</p>	<p>3.30pm-4.30pm Cutting the cost of cooling - why energy productivity is more than just energy reduction We discuss evolution of refrigerant gas based AC units. Available technology in energy efficiency. Energy productivity – energy consumption, network costs, peak demand, life cycle and reduce maintenance. Speaker: Steven Heaton, Independent Products</p>	<p>3.45pm-4.45pm What makes an ecolabel good? We know that ecolabels act as a sign of trust for anyone wishing to buy a product. They show that the manufacturer meets a certain standard, whether that is for environmental impact, animal welfare, safety or a range of other criteria. There are plenty of ecolabels (or 'sustainability labels') around on the market, but are some more trustworthy than others? And if so, how can buyers tell? Speaker: Kate Harris, GECA</p>

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<p>11.30am-12.30pm Natural daylighting in Australian houses and buildings There are environmental, economic and physiological benefits in designing or refurbishing buildings to provide abundant natural daylight. The challenge in an Australian climate is to balance the desire for light with the need to control heat and glare. This presentation gives an overview of insulating polycarbonate-based solutions designed that address this challenge. Speaker: Andrew Norman, Danpal</p>	<p>11.45am-12.45pm Sustainable Natural Carpets Made in Australia Using only undyed fibre to make natural sustainable carpets, rugs and household textile designed to last. This presentation will explain how this is achieved in the carpet manufacturing process and the benefits. Speaker: Ed Holman, Velieris</p>	<p>11.30am-12.30pm Sensible and appropriate use of controls for public space lighting The seminar will address the use of controls in modern public space lighting and discuss the various benefits and potential pitfalls. Controls have historically been used to provide sufficient light when needed and energy savings when not required. This general concept has been stretched in the modern age with various types of controls being used to claw back energy usage even further. This has led to many public spaces with potential health and safety issues. Prolume has a number of strict policies on lighting controls. These are hopefully led by common sense in a world where saving a few extra dollar on energy should not be at the expense of public safety. Speaker: Richard Zuber, Prolume</p>	<p>11.45am-12.45pm Living Infrastructure Panel Session – Australia's First Breathing Green Wall This session will explore the importance of science in living infrastructure systems and the research behind the Jungley Breathing Wall, an Aussie first innovation, which started in the UTS lab and found its first home in Lendlease's global headquarters at Barangaroo South. Facilitator: Suzie Barnett, Director, Good Marketing & PR Panellists: Jock Gammon, Founder & Managing Director, Jungley Dr Fraser Torpy, Plants and Environmental Quality Research Group, UTS Matt Williams, Sustainability Manager NSW/ACT, Building, Lendlease</p>
<p>12.30pm-1.30pm Drainage considerations for Green Buildings Revision of the actual plumbing code requirements for shower outlet sizes and explain the difference between floor waste gully and shower outlet. These concepts will be integrated and applied to the Australian Standard AS 3740 and referenced in accordance with to Plumbing Code 3500 parts 4.6.7.6 and 11.17 applied to bathrooms, and in particular showers. Speaker: Troy Creighton, Stormtech</p>	<p>12.45pm-1.45pm Tractile Building Integrated Photovoltaic & Solar Thermal An introduction to BIPV and PV+T and an explanation of Tractile BIPV-T. BIPV is forecast as a major growth sector for solar. The seminar will discuss the various branches of the technology and share the development path of Tractile. Attendees will receive a good understanding of the technology and how it can best be applied to projects. Speaker: Jason Perkins, Tractile</p>	<p>12.30pm-1.30pm Concrete Sustainability Seminar will have an in depth coverage of the properties of concrete, most notably cement and the use of sustainable processes. Speaker: Redmond Lloyd, Boral Concrete</p>	<p>12.45pm-1.45pm Skills and dignity, social impact at Barangaroo Ro will share the work to ensure Barangaroo is designed with dignity for those living with a disability, and how it is helping to reskill thousands of Sydney's sub-contractor workforce. Speaker: Ro Coroneos, Lendlease</p>
<p>1.30pm-2.30pm Why Is Wood Good? Wood is renewable, has low embodied energy, stores carbon and sustainably resourced. It's also got many practical benefits which you'll also hear about Speaker: David Rowlinson, Make It Wood – PlanetArk</p>		<p>1.30pm-2.30pm Sustainable By Design An insight into DesignByThem's product development process. Introduction to DesignByThem and Sarah's background lecturing sustainability at UTS, and how DesignByThem applies this to their business. LCA – Life Cycle Thinking. Introduction to LCA, some definitions. Why LCA is important in product design (micro scale of products within a building). Similarities with LCA of buildings and specific differences - E0 ratings, FSC, post-consumer recyclability, closed loop systems, end of life & product stewardship. Case studies – to give context to sustainable practice and lessons learnt. Butter Stool – recyclability, overseas. Speaker: Sarah Gibson, Design By Them</p>	<p>3.00pm-4.30pm Industry Q & A Panel The Social, Economic and Environmental case for the deeper integration of sustainable building materials and products into the Australian construction industry. Facilitator: Alistair Coulstock, Cundall Panelists: Peter Poulet, NSW Government Architect Antony Sprigg, Infrastructure Sustainability Council of Australia Brian Seidler, Master Builders Association New South Wales Cathy Inglis, Brickworks Building Products Dr Richard Strauch, Boral Shaun Carter, Royal Australian Institute of Architects NSW Dick Clarke, Building Designers Australia Ann Austin, Lendlease Robin Mellon, Supply Chain Sustainability School Lindsay Le Compte, Australian Constructors Association</p>

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<p>10.30am–11.30am Bring Daylight into Business Development of Tubular Daylight Devices over 25 years and the way to use daylight devices. Speaker: Daryll Wicks, Solatube</p>	<p>10.45am-11.45am The Role of Bike Sharing in Sustainable Urban Development The seminar will outline the environmental, economic, social and health benefits in designing or retrofitting developments to incorporate bike sharing schemes. Urban development should be guided by a sustainable vision that promotes interconnected streets, green space, urban mixed-use core which encourage walking, cycling and other mobility options. Bike sharing is not for big cities anymore. From residential and commercial buildings to small or large communities, bike share case studies from around the world will be presented in this session. Speaker: Monica Zarafu, Interbike Australia</p>	<p>10.30am-11.30am Use it or lose it! Local considerations, observations and actions, that can enhance the sustainability of an existing or new home. Speakers: James Cooper, Sanctum Design Chris Kiernan, Designer Constructions</p>
<p>11.30am-12.30pm Australia: Renewable Energy Superpower Renewable energy will democratise energy across nations. Nevertheless, a shift to renewable energy will still bring advantages to some nations of which Australia is one. The degree to which energy price is lowered as a result of resource quality is predictable – it can be more than halved – and is the powerful basis of the new energy advantage. Speaker: Thomas Duck, Beyond Zero Emissions</p>	<p>11.45am-12.45pm Dynamic Working While ICT developments over the last 20 years have enabled us to be more efficient with our work, being glued to the screen has also deteriorated our bodies. We encourage you to be aware of your health, and learn to recognise that even the smallest of changes can significantly impact your wellness. Simple, incremental change has been shown to drastically decrease the risks of certain types of cancer, type two diabetes, vital organ diseases, and low moods – all of which have been proven to have a direct correlation with prolonged sitting and physical inactivity throughout the day. We want to improve the quality and length of your life. Speaker: Kasim Ali-Khan and Emily Fielding, Markant Office</p>	<p>11.30am-12.30pm Green your apartment building and reap the benefits Why it is a no-brainer to take action now on energy and water consumption and waste management in your apartment building. With the right approach it is possible to undertake upgrades and improvements to drastically improve the performance of your building and save money. Exciting opportunities to support you to get started on sustainability including grant funding and the upcoming high rise retrofit program. Speakers: Christine Byrne, Green Strata and Melinda Dewsnap, City of Sydney</p>
<p>12.30pm-1.30pm 5 Things that will Improve Your Glazing Efficiency Expansive glass windows, doors and skylights are popular in modern architecture. While they allow an abundance of natural light, they can cause up to 49% of heat loss in winter and as much as 87% heat gain in summer*. The weakest part of the building envelope, glazing has become the “elephant in the room” when it comes to energy efficiency in Australia. Learn what you can do to improve your glazing and create a building efficiency. *source: www.yourhome.gov.au Speaker: Ian Harkin, Magnetite</p>	<p>12.45pm-1.45pm The role of glass in contemporary architecture Topics to be covered - Manufacturing process. Raw Materials: Ingredients and location. Recycling process of glass. Glass properties. Selection and application of suitable glass products in Buildings and the benefits. Innovation within the glass industry. Focus on health and human comfort during project planning. Speakers: Theresa Tyrrell, CSR Viridian</p>	<p>12.30pm-1.30pm Eco-Strata Strata buildings can do more than they know in sustainability, to benefit the planet, their profit and the people within. Case studies and a focus on getting things done in strata (often considered too hard). Speaker: Catherine Lezer, Strata Community Association (NSW)</p>
<p>1.30pm-2.30pm Solar Power and Energy Storage – the Future of Energy Solar Power has long been a standard for Sustainable Building. Now, there are innovative and affordable options for storing and using energy that are revolutionising how we think about power. This seminar will look at how solar power and storage work together, the difference between off-grid and on-grid energy options, new technologies and options, how to determine financial returns, and the possibilities for future-proofing energy usage. There will also be demonstrations of some of the internet connected storage and solar systems available today and the options to manage energy remotely. Speaker: Jonathan Fisk, Solaray Energy</p>	<p>1.45pm-2.45pm The ease of working with the Inex products from design to construction. Speaker: Chris Kiernan</p>	<p>1.30pm-2.30pm Ventilation and healthy homes Why are Australian homes increasingly poorly ventilated and “sick”? What solutions are available? What are some of the ventilation myths? Speaker: Matt Reardon, Mouldbuster Home Ventilation</p>
<p>2.30pm-3.30pm Solar options for your home Topics covered - types of systems/products, benefits to home owners, how to choose a system for your home, energy efficiencies, flat plates, evacuated tubes, storage. Basics on what you need to know about installation and boosting options Speaker: Roger Burrell, Apricus</p>		