



BRISBANE – GREEN BUILDING DAY 2018

Pre-Conference Site Tour: Wednesday 13th June

- [Site Tour: West Village](#) – 9am – 10am

Join us the day before Green Building Day to visit West Village, a 6-star Green Star community, in West End, Brisbane. The tour will take visitors through the heritage Peters Ice Cream Factory, which for the past year has been home to West Village artists-in-residence Bromley & Co. Participants will explore the new public space 'The Common' currently under construction and learn about its significance to both the development industry and local community.

Conference: Thursday 14th June

VENUE: Aurecon, Level 14, 32 Turbot St, Brisbane QLD 4000

7:45 Registration opens

Green Star Speed Consulting

A Green Star Clinic will be held throughout the day: drop in to speak with a Green Star Specialist!

8:25 **Welcome from GBCA**

Jonathan Cartledge, *Head of Public Affairs, GBCA*

WHAT THE FUTURE HOLDS

8:30 **The State market outlook**

- Macro-economic outlook
- Australian economy outlook and property market
- State analysis

Nerida Conisbee, *Chief Economist, REA Group*

9:00 **KEYNOTE | Futuristic keynote: Global megatrends**

Driving forces reshaping the economic and societal landscape over coming decades

The megatrends capture the shifting world economy driven by rapid income growth in the developing Asia region; the global challenges of food, water, energy and mineral security in light of escalating demand; healthcare challenges; the ageing population; accelerating technological advancement and the all-important experience factor for customers and citizens. This presentation will explore the latest thinking on the megatrends and examine the implications for strategy and policy decisions.

Dr Stefan Hajkovicz, *Senior Principal Scientist - Strategy and Foresight, CSIRO*

9:50 **Leaders' panel: Visions and strategies for the future**

The panel will host key State leaders from the public and private sector to share their perspectives and comment on their current strategies, plans and projects to leverage the trends of the future.

Panellists:

- Lisa Samways, *National Building Leader, Arcadis*
- Georgine Roodenrys, *Executive Director, Climate Change Policy, Department of Environment and Heritage Protection*
- Dr Catherin Bull AM, *Emeritus Professor University of Melbourne, Board, Building Queensland, Chair, South Bank Corporation*
- Scott Smith, *Chief Executive Officer, Council of Mayors, South East Queensland (SEQ)*

Facilitator: Jonathan Cartledge, *Head of Public Affairs, GBCA*

10:30 *Morning tea*

DESIGNING THE FUTURE

10:55 **GBCA National Strategic Sponsor**

Frasers Property Australia

11:00 **Green Star Future Focus**

Carbon Positive Roadmap Overview

Jorge Chapa, *Head of Market Transformation, GBCA*

Carbon positive in practice

Session sponsored by Integral Group

How will we achieve carbon positive? Hear case studies exploring aspects of the carbon positive roadmap, and discuss what are the pathways and solutions available to achieve this ambitious target. The objective of the "Carbon positive in practice" session is to provide you with practical takeaways to start thinking and planning the future of your projects and organisation.

11:20 **Designing integrated low carbon precincts**

The CRC for Low Carbon Living Integrated Carbon Metrics project has developed a suite of tools to quantify carbon emissions in the built environment and provide decision support for designing integrated low carbon precincts.

Developed specifically to assist government agencies, developers and consulting firms, sustainability development consultants and urban and infrastructure planners, the Precinct Carbon Assessment Tool looks at the full life cycle carbon performance of urban precincts, including the 'hidden' carbon emissions from the production of building materials to the design and construction of whole precincts. The tool then calculates different low carbon scenarios, including carbon reductions contributed by renewable energy harvest at the precinct level. Aligned with the new National Carbon Offset Standard for Precincts, the tool can be used as both a strategic planning and project evaluation tool.

Dr Ke Xing, *Program Director, University of South Australia*

11:50 **BRAINSTORMING SESSION | How can we achieve carbon positive?**

- What are the current challenges and barriers?
- What will be the opportunities?
- How will we bridge the gap between carbon positive objectives and the delivery and implementation?
- What are the current pathways to carbon positive?

Panellists:

- Hannah Morton, *ESD Associate, Cundall*
- Andrew Mather, *Managing Director: ANZ, Integral Group*
- Anthony Marklund, *ESD Principal, FLOTH*
- Dr Ke Xing, *Program Director, University of South Australia*

Facilitator: Jorge Chapa, *Head of Market Transformation, GBCA*

12:30 *Lunch*

1:00 **Optional Green Star Session: What do best practice Green Star Submissions look like?**

Nicole Sullivan, *Senior Manager - Green Star Solutions, GBCA*

1:30 **CASE STUDY | 25 King**

Jeremy Mansfield, *Sustainability Manager QLD/NT, Lendlease*

1:50 **CASE STUDY | Adelaide U-City Project – Uniting Communities**

Deborah Davidson, *Director, dsquared Consulting*

2:10 **GBCA Biodiversity paper launch**

Jorge Chapa, *Head of Market Transformation, GBCA*

2:20 **Future Focus - Dig deeper breakout sessions**

Session sponsored by Big Ass Fans

Pick a session and take this time to extend your knowledge on the topic of your choice, ask your questions, and exchange with your peers.

Session 1 **Fostering nature in our buildings and communities**

Biodiversity will be one of the future focus of Green Star: this session will provide you with an opportunity to discuss how the built environment can be used to encourage biodiversity and regenerate species.

Presentation: **Factory as a forest project**

Aidan Mullan, *Sustainability and Lean Manager, Interface*

Panel discussion

- Emily Low, *Associate Director - Sustainability, WSP*
- Dr Jacqueline Schirmer, *Associate Professor, University of Canberra*
- Aidan Mullan, *Sustainability and Lean Manager, Interface*

Facilitator: Jorge Chapa, *Head of Market Transformation, GBCA*

Session 2 Preparing for the Modern Slavery Act

The Modern Slavery Act currently in discussion will have a critical impact on our industry. This session will provide you with a comprehensive overview of the scope and impact of the Act.

The session will be presented by:

- Francesca Muskovic, *Project Officer, Property Council of Australia*
- Davina Rooney, *General Manager Sustainability, Stockland*

Session 3 The concepts of resilience and its implications for the built environment

Join this session to increase your knowledge of the concepts of resilience and how to embed it in your project and organisation.

Panellists:

- Rachel Nibbs, *General Manager, Resilience and Recovery, Queensland Reconstruction Authority*
- Jeremy Mansfield, *Sustainability Manager QLD/NT, Lendlease*
- Subathra Ramachandram, *Program Coordinator, QCoast2100*

Facilitator: Rebecca Miller, *Principal Sustainability and Resilience Specialist, AECOM*

3:00 *Afternoon tea*

BUILDING THE FUTURE

State in Focus

Session sponsored by Living Green Star

3:30 **Presentation to be announced**

3:45 **CASE STUDY | QUEENS WHARF – Destination Brisbane**

Ben Gibbs, *Senior Sustainability Consultant, WSP Australia*

4:05 **CASE STUDY | West Village**

Natasha Mulcahy, *Sustainability & Engagement Manager, Sekisui House Australia*

4:25 **Q&A Wrap up - State in Focus**

Jeff Oatman, *Senior Manager - Market Engagement, Green Building Council of Australia*

4:40 **The Future of construction**

Applying physics at the heart of the building design process

Discover the work of the Brookfield Scientific Solutions Group: this session will talk about the concept of biomimicry and how the team have used this method through applied innovative and unique designs to create building efficiencies and ultimately help reduce negative impacts on the environment. The presentation will draw on learnings from current research and case studies, including The Oranguhang, the Elliptical Energy Pathway Theorem (EEPT) and the Monmouth Mall.

Dr Evan Curwood, *Project Director and Physicist, Brookfield Scientific Solutions Group*

- 5:20 **Closing remarks**
Jonathan Cartledge, *Head of Public Affairs, GBCA*
- 5:25 **Vote of thanks**
Kris Eckstein, *Project Consultant - Commercial & Industrial, Big Ass Fans*
- 5:30 **Networking drinks**
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