



## SYDNEY – GREEN BUILDING DAY 2018

### Pre-Conference Events: Wednesday 23<sup>rd</sup> May

- Energy Masterclass: Energy Solutions for the Built Environment – 9am – 12pm
- Site Tour: Barangaroo - 2pm – 3pm

### Conference: Thursday 24th May

**VENUE:** Lendlease, Level 14, Tower Three, International Towers Exchange Place, 300, Barangaroo Avenue

7:45 Registration opens

#### **Green Star Speed Consulting**

Book a 15min consultation with a Green Star Specialist: A one-on-one opportunity during the day to ask your questions about the Green Star Rating Tool. [Register here.](#)

8:30 **Welcome from GBCA**

Romilly Madew, *Chief Executive Officer, GBCA*

8:35 **Welcome to Country**

Donna Ingram, Cultural Representative

## WHAT THE FUTURE HOLDS

8:40 **The State market outlook**

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

Justin Smirk, *Senior Economist, Westpac*

9:10 **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:

- Rod Fehring, *Chief Executive Officer, Frasers Property Australia*
- Siobhan Toohill, *Head of Group Sustainability and Community, Westpac*
- Barry Mann, *Chief Executive Officer, Urban Growth*
- Tracy McLeod Howe, *Chief Executive Officer, NCOSS*

Facilitator: Romilly Madew, *Chief Executive Officer, GBCA*

10:30 *Morning tea*

## DESIGNING THE FUTURE

Session Chairperson: Jorge Chapa, *Head of Market Transformation, GBCA*

10:55 **Vote of thanks**

Paolo Bevilacqua, *General Manager, Sustainability & Real Utilities, Frasers Property Australia*

11:00 **Green Star Future Focus**

Take part in shaping the future focus: Share your thoughts in this interactive session.

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.

11:10 **Carbon Positive Roadmap Overview**

Jorge Chapa, *Head of Market Transformation, GBCA*

11:15 **INTERNATIONAL CASE STUDY | On course towards carbon positive**

- Every market has its own Context
- Every office is heading towards decarbonisation
- Energy code is no longer progressive and requires city-wide and national responses

- DPR Zero Net Energy Project, Boulder Commons, Project Coco (Private Tech Client) + Zero Net Energy projects
- Agnostic to technology / solutions
- Every action has intended and unintended consequences ; Metrics & durability
- Megatrend of decarbonisation of the grid – and how do we build for that?
- No single solution

Kevin Hydes, *Chief Executive Officer & Founder, Integral Group*

11:35 **CASE STUDY | Younghusband Project**

James Fitzgerald, *Development Manager, Impact Investment Group*

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:

- Danielle McCartney, *Manager, Sustainability, University of Technology Sydney*
- Lauren Kajewski, *Senior Manager - Sustainability and Housing Outcomes, Landcom*
- Ian Lieblich, *Sustainability Manager, Investa*
- Kevin Hydes, *Chief Executive Officer & Founder, Integral Group*
- James Fitzgerald, *Development Manager, Impact Investment Group*

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*

1:25 **Vote of thanks**

Andrew Cole, *General Manager, Sustainability, Lendlease*

1:30 **Taronga Wildlife Retreat**

Ian Dixon, *Associate Director - Sustainability & Applied Research Team Leader, AECOM*

Ben Gin, *ESD Engineer, AECOM*

1:50 **Crossing the Threshold - Sustainable Digitalisation for Real Estate and Cities**

- Humankind is currently crossing the threshold into a digitalised world, with digital technologies being applied to pretty much everything.
- Real estate is full steam ahead with digitalisation, but is overly focused on the upside benefits.
- Digitalisation is a double-edged sword with many very serious risks to be navigated.
- Crossing the Threshold is a research program aimed at helping us advance digitalisation in a sustainable way.

Simon Carter, *Director, Morphosis*

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**

*Conference Room* 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**

James McWhinney, *State Sales Manager for NSW and ACT, Interface*

Panel discussion

- Richard Palmer, *Director Sustainability, WSP*
- Fiona Beynon, *Director, Commonwealth Department of the Environment and Energy*
- Tom Davies, *Director and Co-Founder, Edge Environment*
- James McWhinney, *State Sales Manager for NSW and ACT, Interface*

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

**Session 2** **Preparing for the Modern Slavery Act**

*Room: City 5* 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:

Robin Mellon, *Chief Executive Officer, Supply Chain Sustainability School*

Davina Rooney, *General Manager Sustainability, Stockland*

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

*Room: City 6* Join this session to increase your knowledge of the concepts of resilience and how to embed it in your project and organisation.

Panellists:

- Beck Dawson, *Chief Resilience Officer, Resilient Sydney*
- Greg Johnson, *National Sustainability Manager, Commercial Property, Stockland*
- Nik Comito, *Director, Environmental Sustainability, Optus*

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

3:00 *Afternoon tea*

## BUILDING THE FUTURE

### State in Focus

- 3:30 **Car-free streets**  
Future Green Leader: James Cahill, *ESD Engineer, Mirvac*
- 3:40 **Future Transport Strategy**  
Kathryn O'Flynn, *Manager Environmental Performance and Governance, Transport for NSW*
- 4:00 **CASE STUDY | Sydney Olympic Park**  
Sally Hamilton, *Director Environment & Planning, Sydney Olympic Park Authority*
- 4:20 **CASE STUDY | Ivanhoe Park**  
Scott Clohessy, *Development Manager, Frasers Property Australia*
- 4:35 **Q&A Wrap up - State in Focus**  
Michael Manikas, *Head of 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 Jackson Clarke, *Associate Director and Lead Physicist, Brookfield Scientific Solutions Group*
- 5:20 Closing remarks
- 5:25 **Vote of thanks**  
Kris Eckstein, *Project Consultant - Commercial & Industrial, Big Ass Fans*
- 5:30 Networking drinks  
*Sponsored by Big Ass Fans*