



GREEN BUILDING DAY 2018

MELBOURNE

Tuesday 29th May

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

7:45 Registration opens

8:25 **Welcome from GBCA**
Jonathan Cartledge, *Head of Public Affairs, GBCA*

8:30 **Welcome to Country**
Ron Jones

8:35 **Opening remarks**
Kate Langan, *Group General Manager - Property, ANZ*

WHAT THE FUTURE HOLDS

8:45 **The State market outlook**

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

Daniel Gradwell, *Senior Economist, ANZ*

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 Hajkowicz, *Senior Principal Scientist - Strategy and Foresight, CSIRO*

9:55 **Leaders' panel: Visions and strategies for the future**

The panel welcomes 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:

- Michael O'Brien, *Chief Investment Officer, Vicinity Centres*
- Michelle Howard, *Managing Director, Collaborations*
- Stan Krpan, *Chief Executive Officer, Sustainability Victoria*
- Nicola Smith, *Director, Niche Planning Studio, Victorian National Board Director, Planning Institute of Australia*

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

10:35 *Morning tea*

DESIGNING THE FUTURE

10:55 **Vote of thanks**

Rory Martin, *Sustainability Manager, Frasers Property*

11:00 **Green Star Future Focus**

Carbon Positive Roadmap discussion paper 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 **CASE STUDY | Younghusband Project**

James Fitzgerald, *Development Manager, Impact Investment Group*

11:35 **CASE STUDY | Passive House and the transition to 100% Renewable Powered Campuses**

- Achieving high comfort and air quality with ultra-low energy consumption
 - Transforming buildings into intelligent, energy efficient micro-power plants
 - Electrifying (to eliminate natural gas) and sourcing 100% renewable energy
- Dr Robin Brimblecombe, *Engineering & Sustainability Manager, Monash University*

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:

- Kate Noble, *Senior Sustainability Officer | Low Carbon Future Team, City of Melbourne*
- Sarah Stephen, *Director, Energy Efficiency, Energy Sector Reform | Energy, Environment and Climate Change | Department of Environment, Land, Water and Planning (DELWP)*
- Anita Stadler, *Associate, Energetics*
- James Fitzgerald, *Development Manager, Impact Investment Group*
- Mel Cutler, *Head of Environmental Sustainability, ANZ*
- Dr Robin Brimblecombe, *Engineering & Sustainability Manager, Monash University*

Facilitator: Stefan Preuss, *Associate Victorian Government Architect, Office of the Victorian Government Architect*

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*

10:55 **Lendlease Vote of thanks**

1:30 **Green Star project focus: Sustainable Greater Dandenong**
Ed Cotter, *Sustainability Leader, City of Greater Dandenong*

1:50 **Code for Smart Communities launch**

Property: Australia's next platform for digital transformation

This Q&A session proposes to discuss what tools and conditions are required to successfully achieve the digital transformation of the property and development sector.

Adam Beck, *Executive Director, Smart Cities Council Australia New Zealand*

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**

Auditorium

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*

Panellists:

- Adrian Gray, *Manager | Urban Design, Brimbank City Council*
- Kelly Hertzog, *Urban Forester | Urban Sustainability, City of Melbourne*

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

Session 2 The concepts of resilience and its implications for the built environment
Core C Theatre Join this session to increase your knowledge of the concepts of resilience and how to embed it in your project and organisation.
Panellists:
- Rory Martin, *Sustainability Manager, Frasers Property*
- Melissa Schulz, *General Manager Sustainability, Vicinity Centres*
- Toby Kent, *Chief Resilience Officer, Resilient Melbourne, City of Melbourne*
Facilitator: Liz Johnstone, *Associate Director – Sustainability, AECOM*

3:00 *Afternoon tea*

BUILDING THE FUTURE

State in Focus

3:25 **CASE STUDY | Level Crossing Removal Project – Caulfield to Dandenong**

- Project Scope
- Green Star Implementation in Infrastructure: Challenges; Approach (Volume Certification); Lessons translatable to all projects
- Sustainability success highlights

Rebecca Breuer, *Sustainability Manager, Lendlease*

3:45 **CASE STUDY | Queen Victoria Market Renewal Precinct**

Mark Allan, *Program Manager Planning & Design, City of Melbourne*

4:05 **Q&A Wrap up - State in Focus**

Jamie Wallis, *Senior Manager - Market Engagement, Green Building Council of Australia*

4:15 **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. Professor James Murray-Parkes, *Science & Engineering Director, Brookfield Scientific Solutions Group*

5:10 **Vote of thanks**

Rebecca Steffanoni, *Architect & Engineer Specialist, Big Ass Fans*

5:15 **Closing remarks**

Jonathan Cartledge, *Head of Public Affairs, GBCA*

5:20 **Networking drinks**

Sponsored by Big Ass Fans