

Queensland Infrastructure Summit

CONVERGENCE

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YEARS

Friday 11 October 2019 | State Library of Queensland, Brisbane

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CONFERENCE AGENDA

Friday 11th October 2019

08:45 **OPENING**

Master of Ceremonies: Zoe Eather, *Smart Regions & Mobility Consultant, Arup*

08:50 **Welcome from the Chair of IAQ**

Terry Rossitto, *Chair, Infrastructure Association of Queensland*

CRITICAL INFRASTRUCTURE

09:00 **LIVE ON STAGE | Ambitions for the SEQ City Deal**

- How can we bring the SEQ City Deal to life?
- Around the world in City Deals: from London to Western Sydney, what can SEQ learn? Unintended and intended benefits?
- Achieving 45-minute regions and protecting digital and physical corridors
- Leveraging our digital infrastructure and innovation precincts

Facilitator: Zoe Eather, *Smart Regions & Mobility Consultant, Arup*

Brendan Leary, *National Lead, Economics, RPS Australia Asia Pacific*

Matt Collins, *General Manager, Cities Transformation Taskforce, Queensland Treasury*

09:30 **Key findings of the 2019 Australian Infrastructure Audit**

- Major challenges and opportunities facing Australia's infrastructure over the next 15 years and beyond
- The need for a new wave of reform and investment, amid changing and growing demand across infrastructure sectors and a mounting maintenance backlog
- Growing social, economic and environmental interdependencies in the infrastructure sector and how they have added both complexity and opportunity to the planning, delivery and operation of services

Romilly Madew, *CEO, Infrastructure Australia*

09:50 **KEYNOTE | We are the technology**

- Design-led thinking, creative problem solving, human-centred design
- Liveability, sustainability and the Circular Economy
- The future...

Leanne Kemp, *Queensland Chief Entrepreneur*

FUNDING THE FUTURE

10:10 **Queensland's key and upcoming projects for major contractor business planning**

- Major projects (>\$50M) under procurement or imminent across the private & public sectors (local, state and federal)
- Update on credibly proposed major project pipeline
- How these projects have been funded, will be funded and could be funded

Nick Behrens, *Director, Queensland Economic Advocacy Solutions*

10:30 **Reimagining funding**

- Analysis of funding models in other jurisdictions and overseas
- How is risk being shared between partners, and what is working?
- Building flexible and agnostic delivery solutions
- Packaging projects in an imbalanced market

Brendan Lyon, *Partner, Infrastructure & Projects Group, KPMG*

FUTURE MOBILITY AND DEMOGRAPHY

11:15 **PANEL | Queensland's unfunded project pipeline**

- Emerging infrastructure priorities: overview of unfunded, credibly proposed business cases
- Funding models, packaging, procurement, risk allocation and delivery strategies
- Market and risk appetite in Queensland
- Level of competition and project scarcity, and conditions for an improved competitive environment
- Incentivising investors in a changing landscape – regulatory, policy, funding and taxation implications

Facilitator: Jon Davies, *CEO, Queensland Major Contractors Association*

Damian Gould, *CEO, Building Queensland*

Leilani Frew, *CEO, Infrastructure and Project Financing Agency*

11:50 **Queensland's economic outlook and appetite for change**

- Demographics – distribution of population growth in Queensland and implications for urban development
- Macroeconomics – industries driving economic growth
- Implications for infrastructure

Peter Munckton, *Chief Economic and Head of Market Strategy, Bank of Queensland*

12:10 **The changing face of mobility in Queensland**

- TMR's draft Queensland Transport Strategy (QTS) is a future-focused 30 year whole of system transport strategy. The draft QTS has been designed to maximise benefits of current and emerging trends and technologies for Queensland.
- Emerging technologies, such as automated, electric and connected vehicles will potentially create a more reliable, efficient and affordable transport system.
- Fundamental long-term changes to the transport system will necessitate changes to the way transport infrastructure and services are funded by users and governments.

Julie Mitchell, *Deputy Director-General, Policy, Planning and Investment, Department of Transport and Main Roads Queensland*

12:30 **Lunch and networking break**

TECHNOLOGY AND READINESS FOR CHANGE

13:30 **BURSTS | Global trends in infrastructure technology**

1. **Data, AI and rethinking infrastructure procurement**

- The emergence and impact of digital twins
- How real-time data analytics and AI can help optimise existing assets
- The changing role of government

Dr Kellie Nuttall, *National Lead Partner - Analytics and Artificial Intelligence, Deloitte*

2. **AI and mega project management**

- The future of managing complex megaprojects lies in AI and big data
- Powerful new methodologies to reduce cost overruns and delays

David Porter, *Managing Director, Endeavour Programme*

3. **Future mobility and tech**

- Autonomous vehicles and the shared economy
- The crucial role of AI and big data
- A utopian and dystopian scenarios for future mobility

Professor Michael Milford, *ARC Future Fellow, Chief Investigator, Australian Centre for Robotic Vision, QUT*

14:00 **The impacts of transformative change on the infrastructure sector**

- How changing customer expectations and increasingly personalised services are impacting the infrastructure sector
- Key factors affecting infrastructure in the energy sector, including challenges emerging from increased uptake of electric vehicles and distributed generation
- Australia's short and longer-term fuel market transition and the potential to become a new energy superpower

Peter Colacino, *Executive Director Policy & Research*, **Infrastructure Australia**

THE 2032 OLYMPIC GAMES BID

14:20 **South East Queensland 2032 and a City Deal**

- Unpacking the South East Queensland 2032 Olympic Games Bid
- What this means for infrastructure

Scott Smith, *CEO*, **Council of Mayors (SEQ)**

14:30 **FIRESIDE CHAT | Enabling the Olympic vision**

- The roles of, opportunities arising from and synergies between the SEQ City Deal and the Olympic Games Bid in shaping the South East Queensland, the state, and the nation

Facilitator: Sally Stannard, *Principal*, **Apical ADS**

Ted O'Brien MP, *Member for Fairfax, Queensland and Commonwealth Representative for the 2032 Olympic Games Bid*

Cr Adrian Schrunner, *Lord Mayor of Brisbane and Chair*, **Council of Mayors (SEQ)**

LIVEABILITY AND LEGACY: LEADING THE CHARGE

14:50 **Networking and refreshment break**

15:20 **PANEL | Accelerating Queensland's potential with social infrastructure**

- The diverse needs of Queensland's communities; ageing population and younger communities, growing cities and regional areas
- How cities, and the state, are strategically responding
- Developing culture and recreation, health, education and training, justice and public safety and social housing
- The value of green infrastructure in urban planning and building capacity for resilient, liveable and sustainable cities

Facilitator: Adam Beck, *Executive Director*, **Smart Cities Council Australia New Zealand** and *Chairman*, **Smart Cities Week Global**

Bill Lewis, *Executive Director, Infrastructure Innovation, Performance and Delivery*, **Department of State Development, Manufacturing, Infrastructure and Planning**

David Sinclair, *Executive Director*, **Department of Health**

Cheryl Desha, *Engagement Director – Industry*, *School of Engineering and Built Environment*, **Griffith University**

MEGA PROJECTS: INCREASING CONCENTRATION & DIMINISHING PERFORMANCE

15:50 **BURSTS | Inside mega projects**

1. **Front-end project teaming**

- Setting up projects to mitigate and avoid conflict in the first instance
- How to predict successful projects – what the data tells us

Ben Schnitzerling, *Director*, **Red Fox Advisory**

2. **Complex project management**

- What is project management in the context of current project requirements
- Managing interfaces for successful outcomes

Ya-Qun Xie, *Associate Director*, **Macquarie Capital**

16:10 PANEL | Delivering Mega Projects

- Are governments being realistic about Mega Projects?
- Are contracts being used to deliver Mega Projects 'fit-for-purpose'?
- Have we reached peak project size?
- Are Mega Projects or Programs getting an unnecessary bad rap?

Facilitator: Steve Abson, *Principal, Flagstaff Consulting Group*

Graeme Newton, *CEO, Cross River Rail Delivery Authority*

Ben Schnitzerling, *Director, Red Fox Advisory*

Ya-Qun Xie, *Associate Director, Macquarie Capital*

Larry McGrath, *Executive General Manager, Customer and Corporate Affairs, John Holland*

16:50 MINISTERIAL ADDRESS

The Hon Cameron Dick MP, *Minister for State Development, Manufacturing, Infrastructure and Planning*

17:05 Message from the IAQ

Priscilla Radice, *CEO, Infrastructure Association of Queensland*

17:10 CLOSING | End of Summit

Master of Ceremonies: Zoe Eather, *Smart Regions & Mobility Consultant, Arup*

17:30 Sundowner Networking Drinks Experience

After the Summit, wind down with peers at the popular post-event Sundowner Networking Drinks, located a stone's throw away at the colourful **Dandy's Rooftop, at the Fox Hotel.**

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