




# 14th Annual NSW Major Projects Conference 2024

21-22 August 2024  
ICC - International Convention Centre  
Sydney, NSW


 [nswconference.com.au](https://nswconference.com.au)


## Conference Agenda

### Day 1 - Wednesday 21st August 2024

 08:00 - 08:50


REGISTRATION

 08:50 - 09:00  
MC OPENS

 09:00 - 09:30

#### Speed Networking

This speed networking session will allow delegates to introduce themselves and swap business cards with those they are seated with and other conference attendees.

 09:30 - 09:40

#### Ministerial Address

 09:40 - 10:00

#### Keynote Address

Developing New South Wales future: NSW Infrastructure Strategy 2018–2038



- NSW Government's infrastructure vision for the state over the next 20 years, across all sectors.

David Harding, Executive Director, Business NSW

🕒 10:00 - 10:30

### Sydney Metro West Update

- Current state of progress against delivery targets and making recommendations for getting the maximum value out of the project.
- Will it meet its 2032 opening date?
- Cost escalation and red tapes

Daniel Powrie, Project Director, Sydney Metro



🕒 10:30 - 11:00

### Hard Rock TBM Performance Prediction in Major Projects

- Hard rock TBM performance prediction is of great interest to the tunneling community on account of its importance in time and cost risk management of underground projects.
- Review of empirical models used in tunneling projects.

🕒 11:00 - 11:30  
TEA BREAK

🕒 11:30 - 11:50

### Shaping the City of Parramatta

- Looking at Parramatta CBD redevelopment

Councillor Sameer Pandey, Councillor Parramatta Ward, City of Parramatta Council



🕒 11:50 - 12:10

### Building NSW Healthcare Infrastructure

- The Essential Infrastructure Plan includes a significant investment of \$13.8 billion in health facilities, including 600 new hospital beds across Western Sydney.
- Upgrading and expansion of the health facilities

Lizzie Cox, Project Director | Health Specialist, John Holland



🕒 12:10 - 12:30

### Transitioning Ports towards Clean Energy

- The Clean Energy Precinct has received backing from 30 partners, including domestic and multi-national organisations, along with a \$A100 million funding grant from the Australian Government.
- The Clean Energy Precinct is expected to create around 5,800 jobs in the area.
- Project updates.

🕒 12:30 - 13:00



### Overview of the Inland Rail Project

- The Australian Government has committed up to \$14.5 billion in equity to the Australian Rail Track Corporation (ARTC) to support the delivery of Inland Rail.
- Independent review to assess the governance and delivery of the Inland Rail Program.

David Fogwill, Director Engineering, Assurance and Integration, Inland Rail

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🕒 13:00 - 14:00  
LUNCH BREAK

🕒 14:00 - 14:30

### Sydney Airport Gateway

- The major works are part of Transport NSW's ambitious \$2.6bn Sydney Gateway Project to improve key access points in the airport precinct and connections to the St Peters Interchange, M5 and Eastern Distributor across five kilometers of toll-free new roads.
  - The completion date set for December 2024 future delays can be expected throughout the next year.
  - Project update and measures to mitigate congestion.
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🕒 14:30 - 14:50



### Designing NSW Infrastructure Major Projects

- Hear from NSW's architect behind Sydney's biggest construction projects

Chris Fox, ARTIST + DIRECTOR, Studio Chris Fox

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🕒 14:50 - 15:10

### Nowra Bridge Project Upgrade

- The Nowra Bridge project will include a new four-lane bridge across the Shoalhaven River, as well as enhanced intersections and more lanes on the Princes Highway. The NSW and Australian governments are co-funding the \$342 million project.
  - Project updates
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🕒 15:10 - 15:40  
TEA BREAK

🕒 15:30 - 16:00



### Decarbonising Infrastructure Delivery Program

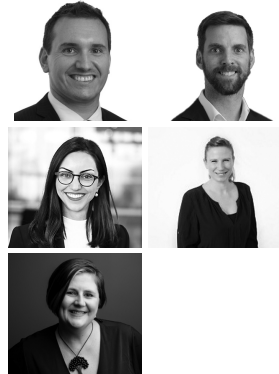
- Key initiatives from 2023-2025 towards decarbonising infrastructure delivery and reflects the collaborative relationship between INSW and TfNSW
- The NSW Government is effort to uplift the capability and capacity of agencies and infrastructure industry partners to transition to a Net Zero future.

Dena Jacobs, Executive Director, Strategy, Planning and Innovation, INSW

🕒 16:00 - 16:45

### Panel Discussion Decarbonising Infrastructure Delivery

- Initial policy implementation and refinements Research and innovation targeting key barriers and opportunities.
- Development of the Protection of Environment Policy (PEP)
- Net Zero and Climate Change Policy including cluster-wide targets for infrastructure development delivery.



Austen Shoebotham, Business Leader - Civil Infrastructure NSW, Arcadis  
David Donnelly, Partner, Practice Group Leader, Projects & Development, Allens  
Dena Jacobs, Executive Director, Strategy, Planning and Innovation, INSW  
Emily Low, Sustainability and Climate Change Advisory Leader, Mott MacDonald  
Hayley Jarick, Chief Executive Officer, Supply Chain Sustainability School

🕒 16:45 - 16:50  
MC CLOSSES

🕒 16:50 - 17:50  
NETWORKING & DRINKS

## Day 2 - Thursday 22nd August 2024

🕒 08:20 - 08:50  
REGISTRATION

🕒 08:50 - 09:00  
MC OPENS

🕒 09:00 - 09:30

### Speed Networking

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🕒 09:30 - 09:50

## Ministerial Address

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🕒 09:50 - 10:10

### Schools Infrastructure Project

- The NSW Government is increasing investment in schools, TAFE, and public preschools with \$9.8 billion over the next four years to provide the public education system and the growing communities.
  - 24 new and 51 upgraded primary and high schools in Western Sydney at a cost of \$3.5 billion over four years and 19 new and 35 upgraded schools in regional New South Wales for \$1.4 billion over four years.
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🕒 10:10 - 10:30

### Western Sydney Aerotropolis (vision for Western Sydney)

- Western Sydney is home to a large and diverse population of about 2.2 million people—more than a quarter of the NSW population.
  - Western Sydney Aerotropolis Precinct plan
  - Ongoing projects at the Precinct and cut in federal infrastructure funding and the risk it imposes on the State infrastructure Projects.
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🕒 10:30 - 11:00

### Energy and Climate Change— Solar Banks program

- Over 30,000 social housing properties in New South Wales (NSW) will receive energy efficiency upgrades.
  - \$206 million will be jointly invested by the Australian Government and NSW Government into energy saving upgrades for low-income renters and apartment residents.
  - This includes both governments matching funds of \$87.5 million each (\$175 million in total) over four years to make homes cooler in summer and warmer in winter.
  - Program overview.
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🕒 11:00 - 11:30  
TEA BREAK

🕒 11:30 - 11:50

### The use of AI technology: Revolutionising Construction with Artificial Intelligence Presentation

- New trends and updates



Prof. Fang Chen, Leader in Artificial Intelligence (AI) and Data Science, University of Technology, Sydney

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🕒 11:50 - 12:30

### Panel Discussion

#### The use of AI technology: Revolutionising Construction with Artificial Intelligence

- Impact of AI on construction, from its remarkable predictive abilities to automation prowess.
- Minimising waste and environmental impact.
- AI applications, their benefits, and the challenges requiring strategic solutions for seamless integration.
- Emerging trends, challenges, and opportunities in this dynamic realm, paving the way for an AI-driven construction future.



Elouise Robinson, Regional Digital Engineering Lead, WSP Australia

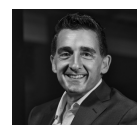
Mike Taherian, Senior Manager Digital Engineering, NSW Public Works

Prof. Fang Chen, Leader in Artificial Intelligence (AI) and Data Science, University of Technology, Sydney

🕒 12:30 - 13:00

#### Winter Sports World (WSW) - Australia's First Year-Round Indoor Ski Resort

- An exciting world class, \$400 million indoor snow resort planned for Western Sydney. Creating 2,700 new jobs & an additional \$222m Injection into the economy p.a.
- A tourist attraction with forecast patronage of over 1m visitors p.a. set to make Western Sydney the undisputed Adventure Capital of Australia.
- A training facility from beginner through to elite Olympic level training
- Strategically located in Penrith at the foothills of the Blue Mountains, next to the M4 Freeway and 9km from the new WSI Airport
- Project Updates



Peter Magnisalis, Managing Director, Winter Sports World

🕒 13:00 - 14:00  
LUNCH BREAK

🕒 14:00 - 14:30

#### Redevelopment of the Blackwattle Bay Precinct

- Precinct being a Tourist attraction.
- A sustainable precinct Targeting Net Zero Carbon by 2041, with future development to deliver socially and environmentally sustainable outcomes and Green Star Communities ratings.
- Precinct Overview and Updates

🕒 14:30 - 15:00

#### Investment into Sydney's Ferry Fleet

- \$114 million investment into Sydney's ferry fleet.
- Refurbishments of the Freshwater fleet

🕒 15:00 - 15:05  
MC CLOSÉS

Agenda is subject to change  
\*Speakers to be confirmed

An Event by:



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