2018 Infrastructure Sustainability Conference & Awards

16-18th October

Accelerating Positive Change for People and Planet

Original Artwork by: Nadeena Dixon
Gadigal, Yuin and Wiradjuri Nations
Welcome
to the conference
Ainsley Simpson, ISCA CEO

Connect, learn and grow at our most progressive annual conference yet. Collaboration is catalysed through connections made at events like these, so that we can Accelerate Positive change for People and Planet.

Driving this aspiration are a host of international speakers flanked by the best and brightest from across Australia and New Zealand. We are going beyond our sector to learn from some of Australia’s iconic businesses - transferring their innovations and approaches to overcoming the challenges of change.

The Gala Awards is the ultimate opportunity to celebrate leadership and acknowledge our progress as an industry; recognising organisations, projects and individual champions. This year we are also recognising an ‘Emerging Young Leader’, encouraging the contribution our future leaders will make to the vitality and longevity of our industry.

Our industry is filled with the real champions driving sustainable change. Our partners make the difference and make our purpose possible. My whole-hearted and deep thanks to all our conference partners.

Ainsley Simpson
NSW Government is investing a record $51.2 billion to better connect people and communities, revitalise cities, and boost economic growth in our state.

Together with industry we are delivering the transport infrastructure and services that our customers need today and in the future.

Find out more at transport.nsw.gov.au
At Liberty we believe in being empowered by possibilities. We believe in a future that serves tomorrow’s generation as much as today’s.

We believe it’s not the scale of the project but the passion to bring the vision to life.

We believe it’s the strength of our people and what we do, how we do it, and why we do it, from recycling to design and manufacture, fabrication, service delivery and distribution.

We believe in building a future full of possibilities.

Liberty. Building Possibilities.
IS Annual Awards Gala Dinner

Wednesday, 17th October 2018, 6:30pm - 11:00pm
Doltone House, 3/181 Elizabeth St, Sydney

Celebrating the individuals, projects, and organisations leading the way in advancing infrastructure sustainability.

A three-course dinner and evening of entertainment hosted by Logie-Award winning comedian and star of ABC’s Utopia, Dilruk Jayasinha.

Dress code: Black tie

ISCA will be presenting certificates to newly certified projects.

There will be six awards for the first time:

- **Individual Leadership Award**
  Recognising the person who has demonstrated the most outstanding performance and greatest contribution to advancing IS in Australasia.

- **Emerging Young Individual Leadership Award**
  Recognising our future leaders and the potential of those aged 30 years or younger.

- **Organisational Leadership Award**
  The organisation that exhibits the greatest contribution and leadership to advancing IS in Australasia.

- **Innovation & Impact Award**
  Celebrating the Australasian project/asset which implemented the most outstanding innovation this year.

- **IS Outstanding Achievement Award - Design**
  Rewarding the project which achieved the highest Design IS Rating score between October 2017-18.

- **IS Outstanding Achievement Award - As Built**
  Rewarding the project which achieved the highest As Built IS Rating score between October 2017-18.
CPB Contractors is a leading international construction contractor. Working closely with clients and partners, our projects connect communities, play a key role in urban and rural development, and help drive economic growth. The sustainability of our projects directly influences our future, as well as communities and ecosystems. From design to construction, we are delivering environmentally responsible and resource-efficient infrastructure that will enhance people’s lives for generations to come.

Level Crossing Removal Project, Furlong Main Blackburn Heatherdale – Melbourne, Victoria

For more information, contact Guy Raithby-Veall Guy.RaithbyVeall@arcadis.com.
Making a difference.

Award winning leadership - IS Accredited Professionals

Cardno’s Environmental and Sustainability teams deliver a full suite of technical environmental services to manage risks and implement innovative solutions which reduce your infrastructure project costs.

Nicole Neal
Asia Pacific Environment and Sustainability Director
E: nicole.neal@cardno.com.au  P: +61 3 9831 6101

SOCIAL RESPONSIBILITY AT LENDLEASE

Through its many projects, Lendlease is constantly engaged with a diverse range of community stakeholders and we seek to leave a positive legacy in the places we create.

Whether it’s providing employment and training opportunities, building the capacity of Indigenous businesses and SMEs or improving diversity in the construction industry, we fully embrace our responsibility to drive positive change.

“Companies must start justifying their worth to society, with greater emphasis placed on environmental and social impact rather than straight economics.”
Dick Dusseldorp, Founder of Lendlease, 1973

www.lendlease.com
Day 1
Bay 4, Australian Technology Park, Eveleigh

07:30  Registration Opens

08:30  Welcome to Country
Uncle Allen Madden

08:45  Conference Opening
Ainsley Simpson | ISCA

09:00  Keynote Presentation
Stephen Troughton | Transport for NSW
The future of sustainable transport

09:30  Keynote Presentation
Michael G Smith | United Nations of Australia
Sustainable Development Goals and the role of Infrastructure

10:00  International Keynote
Sebastien Gendron | TransPod
The race to build a hyperloop

10:30  Morning Tea

11:00  Panel Session: The Road to Carbon Neutrality
In partnership with Mott MacDonald
Stuart Hodgson | Sydney Metro
Powering the Northwest Metro
Dr Marita Berndt | Beyond Zero Emissions
Reducing Cement-Related Emissions in Motorways
Dr Kim Yates | Mott MacDonald
Cut Carbon, Cut Cost!
Romilly Madew | GBCA
GBCA’s Carbon Positive Roadmap
Panel moderated by Cathy Chesson (Mott MacDonald)

13:30  Panel Session: An Outside Looking In Approach to Change Management
Adrian Enright | Qantas
Katie Saunders | John West
Jacquie Fegent-McGeachie | Sustainovate
Caitlyn Richards | Coles
Panel moderated by Nicole Neal (Cardno)

15:00  Afternoon Tea

15:30  Innovations & Impacts Workshop
In partnership with Jacobs
Sally Noonan | QLD Department of Transport & Main Roads
Queensland’s Electric Super Highway
Julian Sharp | CPB Contractors
Recycled Plastic in Railways
Sam Hayes | Bioneering Australia
Biomimicry in the Built Environment
Jerry Tan | Downer Group
Research & Development: Plastiphalt
Emma Dade | Jacobs
A toolkit for innovation
Rebecca Breuer | Lendlease
Using Biofuels in construction
Cyril Giraud | Holcim
Concrete EPDs - An Australian First
Workshop moderated by Damien Wagner (Jacobs)

17:00  Arup’s Welcome Drinks
### Day 2 morning

**Wednesday, 17th October**

**Bay 4, Australian Technology Park, Eveleigh**

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<th>Time</th>
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<tr>
<td>08:00</td>
<td><strong>Registration</strong></td>
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| 08:30 | Keynote Presentation  
  *Jim Betts | Infrastructure NSW*  
  **NSW’s 20-year infrastructure investment plan** |
| 09:00 | International Keynote  
  *Rob Paris | Crossrail*  
  **Driving sustainability in London’s largest rail project** |
| 09:30 | Keynote Presentation  
  *Marc Barrington | SIMEC Zen Energy*  
  **Building Australia’s largest solar battery** |
| 10:00 | Keynote Presentation  
  *Shelley Reys | Arrilla Indigenous Consulting*  
  **Building cultural competency** |
| 10:30 | **Morning Tea**                                                       |
| 11:00 | Presentations and Panel Session: Materials, Resources & The Circular Economy  
  *Jim Appleby | Downer Group*  
  **Downer’s Reconomy Program**  
  *Peter Murphy | Alex Fraser*  
  **Recycled glass & concrete**  
  *Sally Eagleton | Liberty*  
  **Steel in the circular economy**  
  *Barbara Nebel | thinkstep*  
  **Can you measure the circularity of an infrastructure project?**  
  *Joyanne Manning | Arup*  
  **A Circular Built Environment - The opportunities and challenges** |
| 12:30 | **Lunch**                                                            |

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**Visit the IS Product Displays**

During registration and intervals on Day 1 and 2 of the conference, check out the following displays:

- Fibercon - Emesh
- Liberty - Sustainable Australian Steel
- Downer - Plastiphalt
- Alex Fraser - Polypave
- Holcim - Concrete EPD
- ISCA - ISupply

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This event will be using Sli.do for Polling and Q&A’s

Visit [www.slido.com](http://www.slido.com) and enter the event code:

**#4387**
### Dining Room

**13:30**  
**Panel Session: Resilience and Climate Risk**  
Antony Cameron | Cardno  
Rebecca Miller | AECOM  
Dr Stephen Bygrave | NSW Office of Environment and Heritage  
Dennis Eiszele | Jacobs  

*Moderated by Monique Cornish (Tonkin + Taylor)*

**15:00**  
**Afternoon Tea**

**15:30**  
**Panel Session: Building Better Business Cases**  
Bryony Cooper | Infrastructure NSW  
Lauren Jewell | EY  
Ruben Langbroek | GRESB  
David Gainsford | NSW Department of Planning and Environment  

*Moderated by David Jackson (QLD Treasury)*

### Theatre

**13:30**  
**Panel Session: Social & the Supply Chain**  
Jane Inglis | Transport for NSW  
Rob Johnson | Liberty  
Tina Northcott | Deloitte  
Mark Daniels | Social Traders  
Megan Motto | Consult Australia  

*Moderated by Robin Mellon (Supply Chain Sustainability School)*

**15:00**  
**Afternoon Tea**

**15:30**  
**Panel Session: Sustainable Cities and Green Infrastructure**  
Martina Girvan | Arcadis (UK)  
Professor Barbara Norman | Canberra University  
Lisa Mclean | Open Cities  
Tim Watson | Edge  

*Moderated by Adam Beck (Smart Cities Council ANZ)*

**18:30**  
IS Awards Gala Dinner (Separate Ticket Required)
Day 3

Thursday, 18th October
Novotel Sydney Central, 169-179 Thomas St

With thanks to our Day 3 Partners:

09:00  Registration at Novotel
09:30  Site Tour Briefing
       Transport for NSW
10:00  Sydney CBD Site Tour - a guided tour of completed, under-construction and future TfNSW infrastructure projects.
12:00  Lunch
13:00  Presentation
       Kerry Griffiths | AECOM
       International Rating Tools Research
13:15  Workshop
       Nicole Boyd | ISCA
       Rob Rouwette | Start2See
       The future of the Materials Calculator
14:00  Panel
       Jess Cairns | Transurban
       Audra Liubinas | Metro Trains Melbourne
       A deeper dive into IS Operations
14:30  Afternoon Tea
15:00  Presentation
       Patrick Ilott | Perspektiv
       Achieving an Award winning IS Score
15:15  Presentations
       Rebecca Hendy & Andrew Kovacs
       | Level Crossing Removal Project
       Elham Monavari & Jonas Bengtsson
       | TfNSW and Edge
       Collaborating in IS Program Ratings
16:00  Verifiers Panel
       Daniela von Rabenau | GEA Environmental
       Scott Losee | Losee Consulting
       Kat O’Mara | CmdrKat Consulting
       Ken Lunty | Edge
16:30  Conference Close

Save the Date

Join us in Melbourne for next year’s IS Annual Conference

15-17 October 2019