

Media Release

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International experts and government converge on Brisbane for street lighting conference

The 3rd International Street Lighting and Smart Controls (SLSC) Conference kicks off in Brisbane tonight with an address from the Assistant Minister for Cities and Digital Transformation.

Presented by the Institute of Public Works Engineering Australasia (IPWEA) and held at the Brisbane Convention and Exhibition Centre, the conference will bring 250 delegates from Australia, New Zealand and beyond together with the world's top experts in smart city technologies and LED street lighting.

The aim of the conference is to encourage a large-scale rollout of smart city technology and LED street lighting. IPWEA modelling shows that if every street light in Australia were converted to LEDs, the energy used to power those lights and the greenhouse gas emissions produced **would be halved.**

With the addition of smart controls – enabling smart city functions such as remote monitoring and lights that adjust light levels at different times of the night or when they sense motion – this figure could be as high as **72%.**

Despite the demonstrated benefits of LED street lighting – including increased public safety and reductions in energy use that would see councils slash \$100 million off their annual street lighting bills – **only 10% of Australia's street lights have been changed over to LEDs, and almost none have smart controls.**

The conference runs until Friday. Visit www.streetlightingconference.com.au to view the full program and speaker list.

Highlights of the conference include:

- **Assistant Minister for Cities and Digital Transformation Angus Taylor will address all delegates at the Civic Welcome Cocktail Reception, to be held at the Brisbane City Hall, Tuesday 14 March at 6pm.**
Details: On Friday, Assistant Minister Angus Taylor announced the Future Ready program, which will complement the Australian Government's \$50 million Smart Cities and Suburbs Program.
- **Ed Ebrahimian, General Manager, City of Los Angeles Bureau of Street Lighting**
Details: Mr Ebrahimian runs one of the world's most respected municipal lighting departments, and in his 30 years with the city has overseen the largest international retrofit of urban LED road lighting, resulting in cost savings of \$7.5 million in electricity and \$2.5 million in maintenance.

- **Professor Rune Elvik, Research Scientist and editor of the 1st and 2nd editions of *The Handbook on Road Safety Measures*, Norwegian Institute of Transport Economics**
Details: Professor Elvik will discuss the road safety benefits of street lighting. His areas of
- research include evaluation of the effects of road safety measures, research synthesis by means of meta-analysis, and cost-benefit analysis. He has taken part in international research organised by the European Commission, the OECD, the European Transport Safety Council and the US Transportation Research Board. He is a member of the Norwegian Association of Political Scientists, the Society for Risk Analysis, and the New York Academy of Sciences.
- **Scotty Hutto, Lighting Services Business Unit Manager, Georgia Power Company, US**
Details: Mr Hutto will speak about the challenges of leading an electricity utility to convert more than 600,000 street lights to LEDs and smart controls.
- **Dr Kellie Pendoley, Director, Pendoley Environmental, Australia**
Details: Dr Pendoley will address the effects of artificial light at night on our ecology

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