

INDUSTRY SYMPOSIUM

PIM: Precinct Information Modelling to support Carbon Management in the Built Environment

Date	15 September 2017
Time	10:00 am – 3:30 pm
Venue	UNSW CBD Campus, Level 6, 1 O'Connell Street Sydney
Aim	To demonstrate how Precinct Information Modelling (PIM), based on an open information exchange standard, enable more effective urban planning, design and management.
Objectives	<ul style="list-style-type: none"> • Present key aspects of the precinct data model and related processes and outputs (including a database interface and a concept PIM 3D visualisation tool) developed as part of the PIM project funded by the CRCLCL. • Demonstrate the application and relevance of that work for the wider community within the CRCLCL. • Launch a Position Paper that articulates the efficacy of modelling the built environment at the scale of a precinct. • Showcase the utilisation opportunity and potential for long-term impact of the approach to information exchange standards undertaken in the PIM project. • Review the outcomes of the Empowering Broadway Phase 1 project (a project to empower precinct scale initiatives to drive transitions to low carbon energy and water use) • Outline both the need and opportunity for on-going work in the development of PIM, as well as potential funding opportunities.
Related documents	<ul style="list-style-type: none"> • Position Paper: Precinct Information Modelling • Empowering Broadway Phase 1 Research Report • Integrated Energy, Transport, Waste and Water (ETWW) Demand Forecasting and Scenario Planning for Precincts Final Report

PROGRAM

	Welcome	
09.30	Registration (tea and coffee will be provided on arrival)	
10.00	Welcome and acknowledgement of country – Scientia Professor Deo Prasad AO , CEO CRCLCL	
	Presentations and demonstrations	
10.10	The PIM vision – background, concepts and standards	Jim Plume, Project Leader, PIM project
10.30	Modelling a precinct	David Marchant, UNSW
11.00	The ETWW project – outcomes and insights from integrated model of Tonsley	Dr Nick Holyoak, Flinders University
11:20	Precinct planning and assessment	John Mitchell, UNSW
11:50	Managing precinct information	John Mitchell, UNSW
12.20	Smart energy planning for precincts (PhD Research)	Otto Newhouse, UNSW
12:40	Discussion	Jim Plume, Project

		Leader, PIM project
12.50	Lunch and networking	
Utilisation, panel discussion and next steps		
13:30	Empowering Broadway Phase 1 project; launch of project report	Roger Swinbourne, AECOM
13.50	PIM Utilisation – National and global developments in modelling standards	Jim Plume, Project Leader, PIM project
14.10	<p>Panel Forum – Significance of PIM (20 mins) and next steps (35 mins)</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Antony Sprigg, CEO (ISCA) • Alex Sommer, Sustainability & Environment Manager for Urban Transformation Projects (UrbanGrowth NSW) • Roger Swinbourne, Technical Director (AECOM) • Andrew Curthoys, Director, Infrastructure Policy, Taskforce and Engagement (Department of Infrastructure, Local Government and Planning, QLD) 	<p>Facilitator:</p> <p>Professor Peter Newton, Swinburne University</p>
Wrap Up		
15.25	Scientia Professor Deo Prasad AO, CEO CRCLCL	
15.30	Close	