

# Virtual Digital Architecture and ePlanning

Using technology and digital data to inform infrastructural design

Online | Tuesday, 20 April 2021

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## Agenda Overview

**Instrumented, interconnected and intelligent urban development is needed now more than ever.**

With our populations growing rapidly, the strain on public assets increases – along with the complexity of consumer demands. Luckily, emerging technologies are transforming the infrastructure sector, driving efficiency, increasing productivity, simplifying construction processes and life-of-asset maintenance.

Join us at the **complimentary ‘Digital Architecture and ePlanning’** virtual event to explore how public sector professionals can leverage digital tools to deliver quality infrastructure projects. After substantial investment from Government into various infrastructure pipelines, digital transformation across planning, design and development processes will maximise Government spend and deliver positive outcomes to citizens.



**COLIN FAIRWEATHER**  
Adviser  
Public Sector Network

## Speakers



**JOHN MCNAIRNEY FRTPi**  
Chief Planner  
Scottish Government



**SALLY SMITH**  
Executive Director Planning and Land Use Service  
SA Department of Planning, Transport and Infrastructure



**WAYNE PATTERSON**  
Director Spatial Operations  
NSW Department of Customer Service



**DR ADAM MOWLAM**  
Strategic Lead, Digital Twin Land Use Victoria (VIC Department of Environment, Land, Water and Planning)



**NICOLE JOHNSON**  
Developer Services Manager,  
Environmental & Industrial  
Queensland Urban Utilities

## Reasons to Attend

Discover how ePlanning and digital architecture can assist to achieve planning and design outcomes across a range of government portfolios

Learn how to leverage a range of technologies including CAD, GIS and CPS, while creating a roadmap for their implementation into strategic planning

Enable more integrated operations by sharing data to maintain design continuity when transitioning between project management teams

Allow for collaboration between utilities, freight and transit, governance, healthcare and infrastructure sectors by establishing shared methods of urban design





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09:00am	<b>PSN Opening</b>	09:50am	<b>Government Case Study</b> <b>Driving economic growth and property development through South Australia's ePlanning platform</b>
09:10am	<b>Chair Opening</b> <b>Exploring the potential of ePlanning and digital architecture in urban planning and design</b> <ul style="list-style-type: none"> <li>Leveraging innovation to deliver planning and design outcomes across agencies</li> <li>Inspiring better methods of infrastructure planning to enable operational agility under changing conditions</li> </ul> <b>Colin Fairweather, Adviser, Public Sector Network</b>		<ul style="list-style-type: none"> <li>Reviewing the implementation of South Australia's new planning and development system - the ePlanning platform</li> <li>Increasing transparency of planning policy and land usage to citizens by increasing access to government planning and spatial data</li> <li>Delivering better civil services by allowing citizens to prepare, lodge and track a development application online</li> </ul> <b>Sally Smith, Executive Director Planning and Land Use Service, SA Department of Planning, Transport and Infrastructure</b>
09:20am	<b>International Keynote Session</b> <b>Transforming Places Together: Designing a digital strategy for planning</b> <ul style="list-style-type: none"> <li>Reviewing Transforming Places Together - Scotland's national sector wide Digital Strategy for Planning</li> <li>Exploring how the long-term digital transformation strategy will embrace new digital technologies and data to drive economic development</li> <li>Recognising the significant link between places, health and wellbeing in a post-COVID context by understanding how planning plays a vital role in economic and societal recovery</li> </ul> <b>John McNairney FRTPI, Chief Planner, Scottish Government</b>	10:05am	<b>Break</b>
09:35am	<b>Government Case Study</b> <b>NSW Spatial Digital Twin: Transforming urban planning and infrastructure</b> <ul style="list-style-type: none"> <li>Exploring how NSW Spatial Services is developing spatial digital infrastructure, including the planning, construction and operation of infrastructure</li> <li>Providing all levels of government, industry, academia and the community with 3D and 4D digital spatial data and models of NSW's built and natural environment</li> <li>Building a broad based spatial digital workbench to support third party viewing, planning, analytical and modelling services</li> </ul> <b>Wayne Patterson, Director Spatial Operations, NSW Department of Customer Service</b>	10:10am	<b>Panel Discussion</b> <b>Sharing the vision: Unifying government to deliver exceptional infrastructure</b> <ul style="list-style-type: none"> <li>Encouraging stakeholder 'buy in' and collaboration between agencies when undertaking civil development projects</li> <li>Learning how to use digital data in researching, proposing and undergoing infrastructural development projects</li> </ul> <b>Dr Adam Mowlam, Strategic Lead, Digital Twin, Land Use Victoria (VIC Department of Environment, Land, Water and Planning)</b> <b>Nicole Johnson, Developer Services Manager, Environmental and Industrial, Queensland Urban Utilities</b>
		10:40am	<b>End of Session</b>