



## iPhones to U-Cities Infrastructure is transformed by the internet of things

Ubiquitous technology—embedding smart ICT in every aspect of the urban environment and making it universally accessible—is one of the keys to developing smart infrastructure in the 21<sup>st</sup> Century. South Korea is one of the leading exponents of this new ‘ubiquitous infrastructure’—sometimes described as the Internet of Things—which is transforming the urban landscape into U-Cities.

According to [Associate Professor Tan Yigitcanlar](#), “Ubiquitous urban infrastructure brings information and communications technologies into the real world to improve the quality of city living and achieve sustainable urban development.”

“In Korea, U-infrastructure is used in transport, health emergency services, firefighting, security, urban amenities, urban management and ICT portals to monitor environmental protection, water and power grids, and sewerage and waste treatment and so on. Some of the U-infrastructure services also provide an early warning system, for instance, meteorology service, earthquake data collection, and alarm and video monitoring services.”

Professor Yitgitcanlar is one of the witnesses appearing at the Infrastructure and Communications Committee Brisbane public hearing for its Inquiry into the role of smart ICT in the design and planning of infrastructure, along with a range of industry and academic specialists.

Committee Chairman Jane Prentice MP (Ryan, Qld) said, “Overseas experience reveals the potential and the challenges in developing smart infrastructure, and provides useful lessons for Australia. One thing is certain, however—a strong and productive economy needs smart infrastructure.”

### Hearing details

**Date:** Thursday, 24 September 2015  
**Time:** 1:00 pm–4:00 pm  
**Venue:** Committee Room 3, Level 6, Parliamentary Annexe, Alice Street, Brisbane

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| 1:00 pm | Urban Circus ( <a href="#">Submission 3</a> )                         |
| 1:30 pm | Queensland University of Technology ( <a href="#">Submission 19</a> ) |
| 2:00 pm | Brisbane City Council ( <a href="#">Submission 34</a> )               |
| 2:30 pm | AECOM ( <a href="#">Submission 21</a> )                               |
| 3:00 pm | Associate Professor Tan Yigitcanlar                                   |
| 3:30 pm | Bentley Systems ( <a href="#">Submission 29</a> )                     |

The public hearing will be webcast live at <http://www.aph.gov.au/live>

Further information on the Inquiry, including the full terms of reference and how to prepare a submission can be obtained from the Committee’s website at [www.aph.gov.au/ic](http://www.aph.gov.au/ic) or from the Secretariat on (02) 6277 2352.

### MEDIA CONTACTS

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**Background information:** Inquiry Secretary (02) 6277 2352 or [ic.reps@aph.gov.au](mailto:ic.reps@aph.gov.au) or visit the [Committee’s webpage](#).