

Enabling Data for More Responsive Cities

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At no time in history has more data and information been available to cities. The emergence of this data requires a responsive approach to city planning and management. But how can cities give this data purpose to drive more sustainable, resilient and affordable communities?

While much of the discussion about smart cities has focused on hardware (e.g. smart bins and street signs) or open data for private apps, few cities have focused on enabling both “top-down” and “bottom-up” datasets for better governance and city performance.

In collaboration with Kinesis, the City of Sydney have developed Australia’s first smart city platform – CCAP City. Integrating both public and private datasets across planning, environment, development, transport and demographics, CCAP City has provided the City of Sydney with a platform to enable data for better city outcomes, including:

- Disaggregation of coarse data to provide a fine grain understanding of resource and carbon flows across the city.
- Broad use of the City’s floor space and employment survey, breaking down governance silos across planning and environmental teams.
- Integration of demographic, planning and private car share data to understand where car share works and where it doesn’t.
- Sophisticated data engagement with the City’s Better Building Partnership.
- Single click C40 carbon reporting, aligned to international standards.

In this session, Chris Derksema (Sustainability Director, City of Sydney) and David Holden (Associate Director, Kinesis) will present CCAP City, outlining:

- **The problem** the City of Sydney sought to address
- **The data challenge & opportunity** for cities:
 - What data is useful?
 - How can it be enabled for cities?
 - How can we enable private data for public use?
 - What data protocols should be established?
- **A live demo** of CCAP City, highlighting case studies of use by the City of Sydney.