



Digital Auckland

The Problem

- Planned urban growth over the next 30-40 years is ambitious and challenging
- Operational networks (e.g. transport, power, water) will need to access a wide range and depth of data to ensure reliability and performance
- Managing and coordinating this development across a wide range of stakeholders will be an important and difficult task
- Necessary so as to:
 - avoid duplication
 - reduce conflicting decision making
 - minimise disruptions
 - reduce costs
 - capitalise on opportunities for collaboration

The Problem

- Currently, little or no data infrastructure, tools, or governance arrangements exist for:
 - data sharing
 - collaborative planning
 - design and visualisation

that would underpin the successful and efficient coordination between stakeholders

- This presents a significant risk of negatively impacting the success of the Auckland Growth Plan

What is Digital Auckland?

- Entity mandated and approved by the Council CEO group
- An Auckland Council Group initiative
- Reports to the CEO Group
- Sponsor and Chair – Jim Quinn (Chief Strategy Officer for Auckland Council)
- Programme Control Group – senior representatives from each of the CCOs
- Two hands-on resources – Rick Walden, Ken Renz

Digital Auckland Vision

Digital Auckland will facilitate integrated digital solutions for Auckland infrastructure providers

What does Digital Auckland do – what is its purpose

- Create a Digital Auckland programme to provide guidance, integration, and coordination to stakeholders on specific digital and data infrastructure
- Digital tool development activities
- Leverage and augment existing project and initiatives
- Broker access to data and information from a wide range of sources
- Provide a thin integration and coordination function that joins current systems together across the Council Group (not replacing existing systems)

What does Digital Auckland not do

- Create a single centralised system to replace individual organisations digital management systems
- BAU management or improvement of ICT systems within participating organisations (e.g. ERP system)
- Online provision of council services to citizens
- Tools for citizen engagement and consultation

First Tranche – Year one

It is envisaged that Digital Auckland will facilitate the delivery of:

1. Forward works planner
2. Forward land use planner
3. 3D Auckland capability
4. Coordinated BIM adoption approach
5. Standards and protocols for data

Using and or leveraging off, wherever possible, existing data, systems, and processes within the Council Family Group

Benefits

- Estimated \$10M savings based on identified project and initiatives
- Reduced duplication of cost and effort in data capture and procurement
- Reduced reinstatement costs and rework (e.g. digging, paving, streetscaping etc.) after roadworks
- Less congestion, and improved travel times, due to better roadwork planning and real-time traffic information
- Less over and under-investment in physical and social infrastructure
- Contributing to improving the city's reputation as an attractive and innovative destination for visitors, investors, and skilled workers

Similar initiatives world-wide have shown a return on investment of 2.0 and above



Questions
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