

# Delivery innovation

## Delivering outcomes



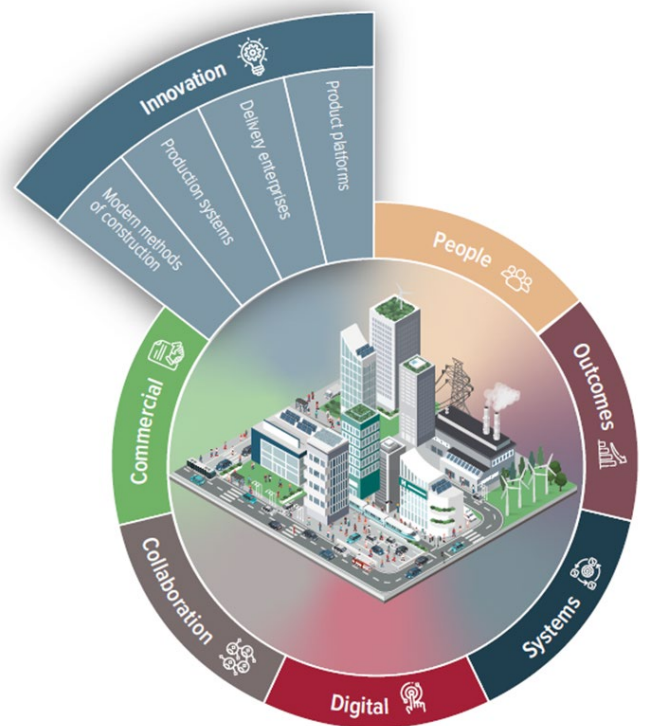
Delivery integration and innovative techniques enable increased productivity

### Current state

Infrastructure planning and delivery in Australia generally utilises traditional construction methodologies with limited innovation over the past two decades. A new approach to delivery allows integration across the infrastructure lifecycle, delivering on desired outcomes.

### Where do we want to get to?

- Modern Methods of Construction are standard practice.
- Infrastructure solutions are delivered through production systems, improving task reliability and enabling continuous improvement.
- Delivery through 'enterprises' becomes the norm, allowing integrated teams to better utilise production systems.
- Delivery through product platforms, with solutions comprising standardised and interoperable components and assemblies, enables economies of scale and a step-change in procurement and delivery productivity.



'80% of infrastructure construction problems are not unique, but are delivered as such'

State treasury stakeholder

### What are the key principles that will guide how we get there?

- Owners should set a clear presumption in favour of Modern Methods of Construction
- Delivery should be founded on a production system approach that underpins reliable, effective delivery
- Delivery models should provide effective integration of information, process and organisation, enabling more Modern Methods of Construction
- Owners should adopt portfolio and procurement approaches that enable projects to be delivered as digital product platforms.

# Delivery innovation

## Recommendations

6.1: Owners should set a clear presumption in favour of Modern Methods of Construction, enabling improvements in productivity, quality and safety.

6.2: Delivery should shift from traditional construction to delivery through production systems, improving task reliability and enabling continuous improvement.

6.3: Delivery models should shift to greater integration and delivery through enterprise models, improving productivity and delivery of outcomes.

6.4: Owners should adopt platform approaches to delivery, utilising standardised components and assemblies to enable economies of scale and a step-change in procurement and delivery productivity.

'Australia is heavily lagging other developed economies, such as China, in innovating delivery through manufacturing approaches'

Industry leader stakeholder