



Australian Government

**Infrastructure
Australia**

Maximising the Efficiency of Infrastructure Networks

GLOBAL INFRASTRUCTURE HUB CONFERENCE

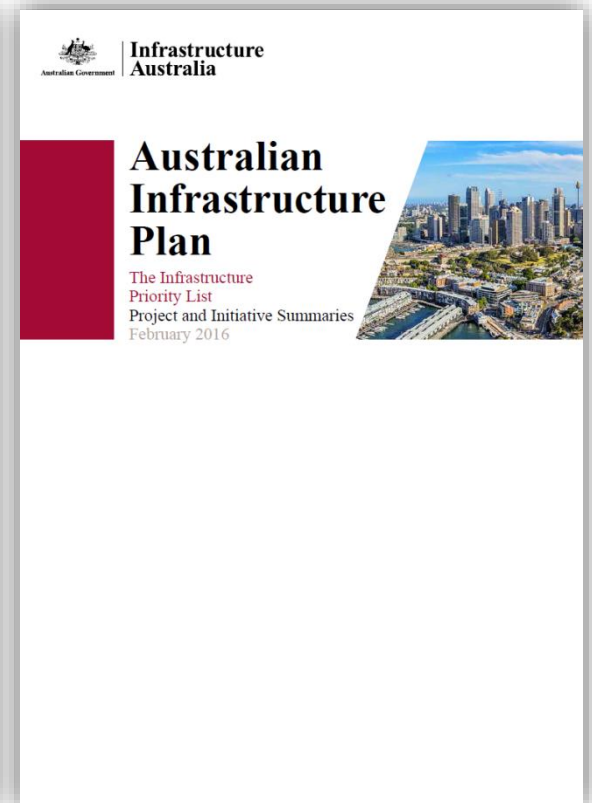
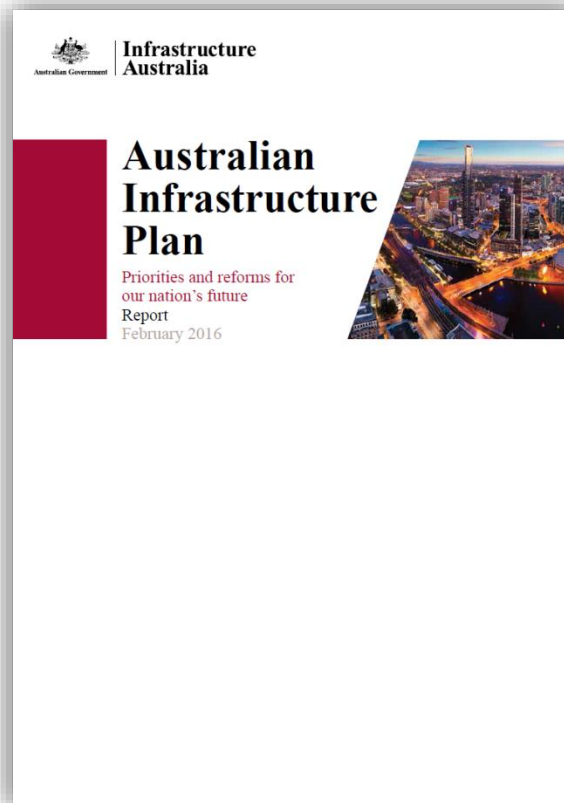
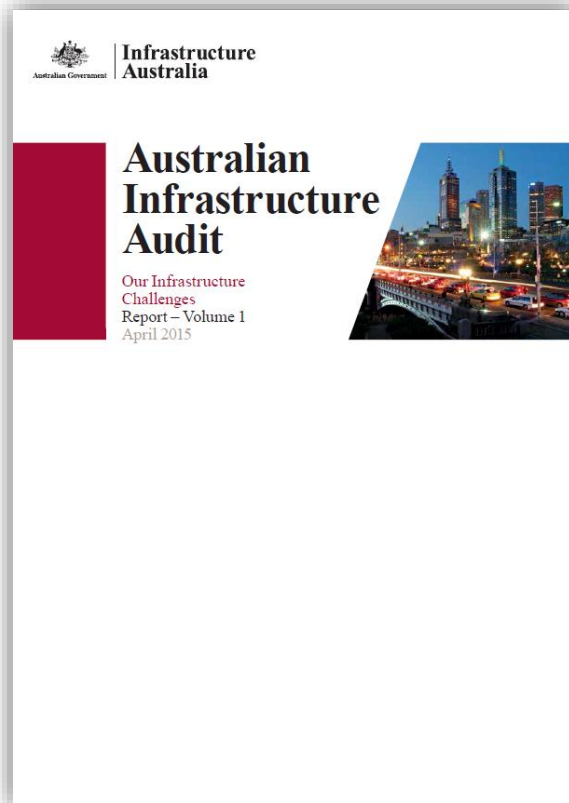
Philip Davies
Chief Executive Officer
Infrastructure Australia

About Infrastructure Australia

An independent statutory body with a mandate to provide objective advice on infrastructure reform and investment.

“The Australian Government expects Infrastructure Australia to contribute to the efforts of all levels of government to build a strong and prosperous economy by providing robust, independent and evidence-based advice on Australia’s future infrastructure needs.” **The Australian Government, 2015**

Audit, Plan & Priority List



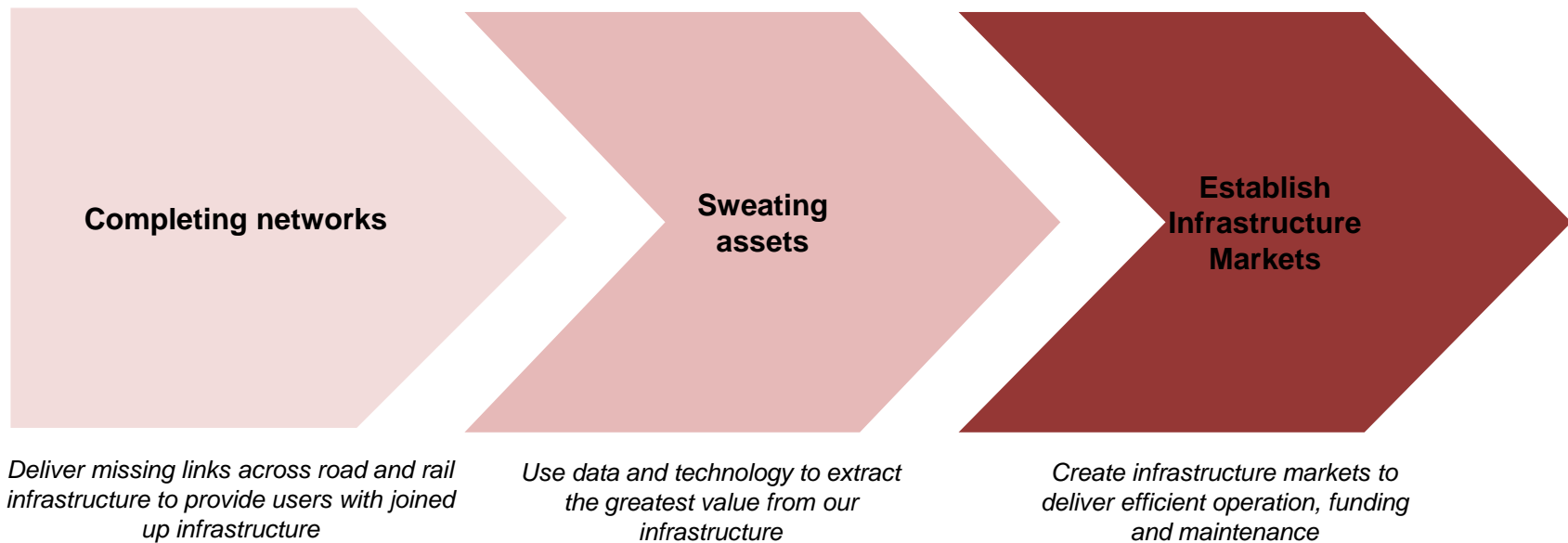
Key Findings

Australia's cities are at a tipping point. Australia's population is projected to grow to over 30 million by 2031. The bulk of this growth will be in our cities. This will drive a significant increase in demand for infrastructure.

Meeting this demand will require a multi-faceted response. While ongoing investment will be required, governments must also make better use of existing infrastructure assets and networks.

A cultural shift in infrastructure planning and delivery is needed. We must prioritise reforms and investments that maximise the efficiency of infrastructure networks.

Opportunities to maximise efficiency



Completing Networks

The IPL includes a number of proposals to complete networks:

Metro project proposals for Sydney, Melbourne and Brisbane;

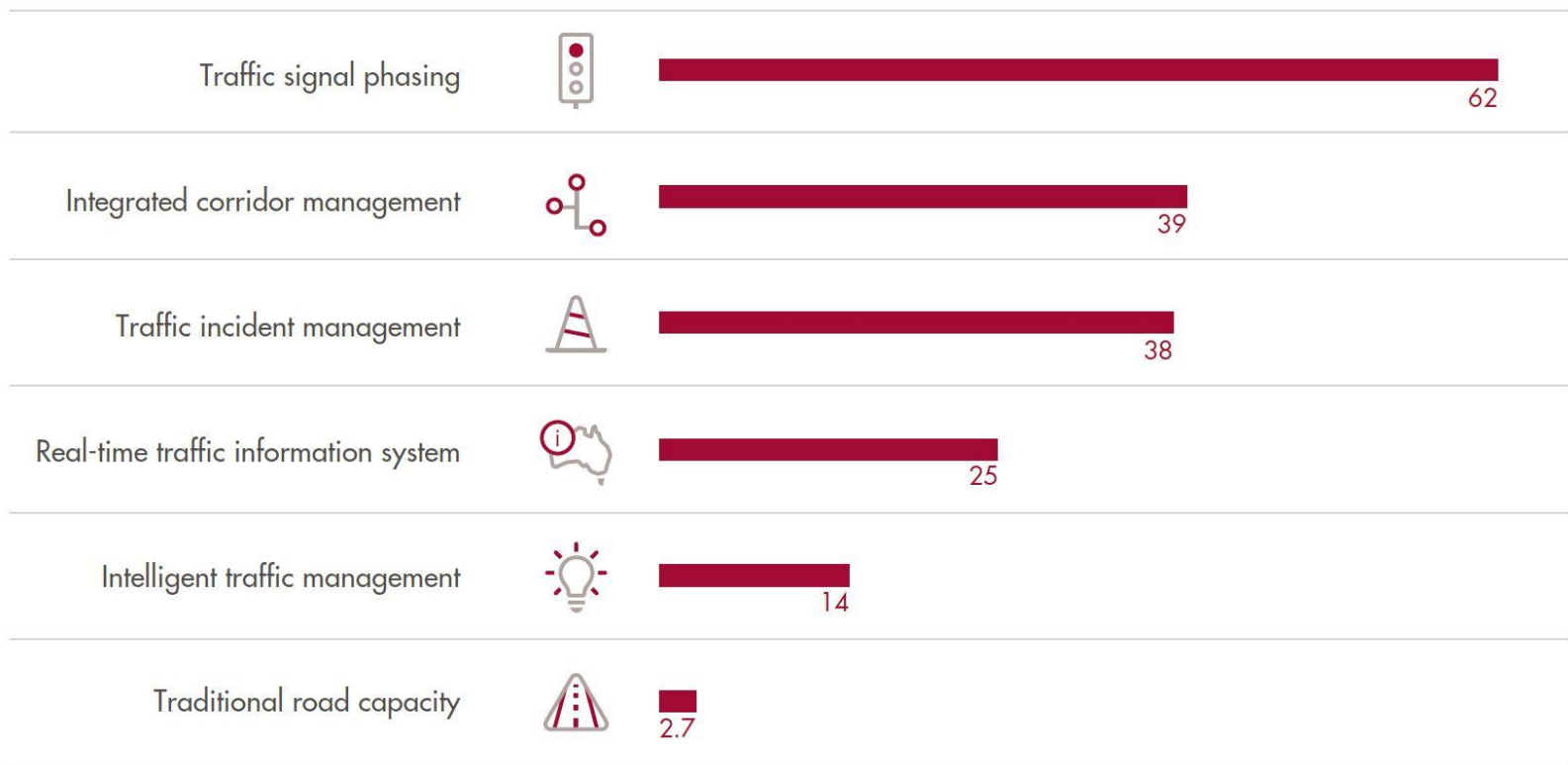
Motorway grade connections to complete inter-city motorway networks; and

Programs of investment focused on delivering wider network efficiencies.



Sweating Assets

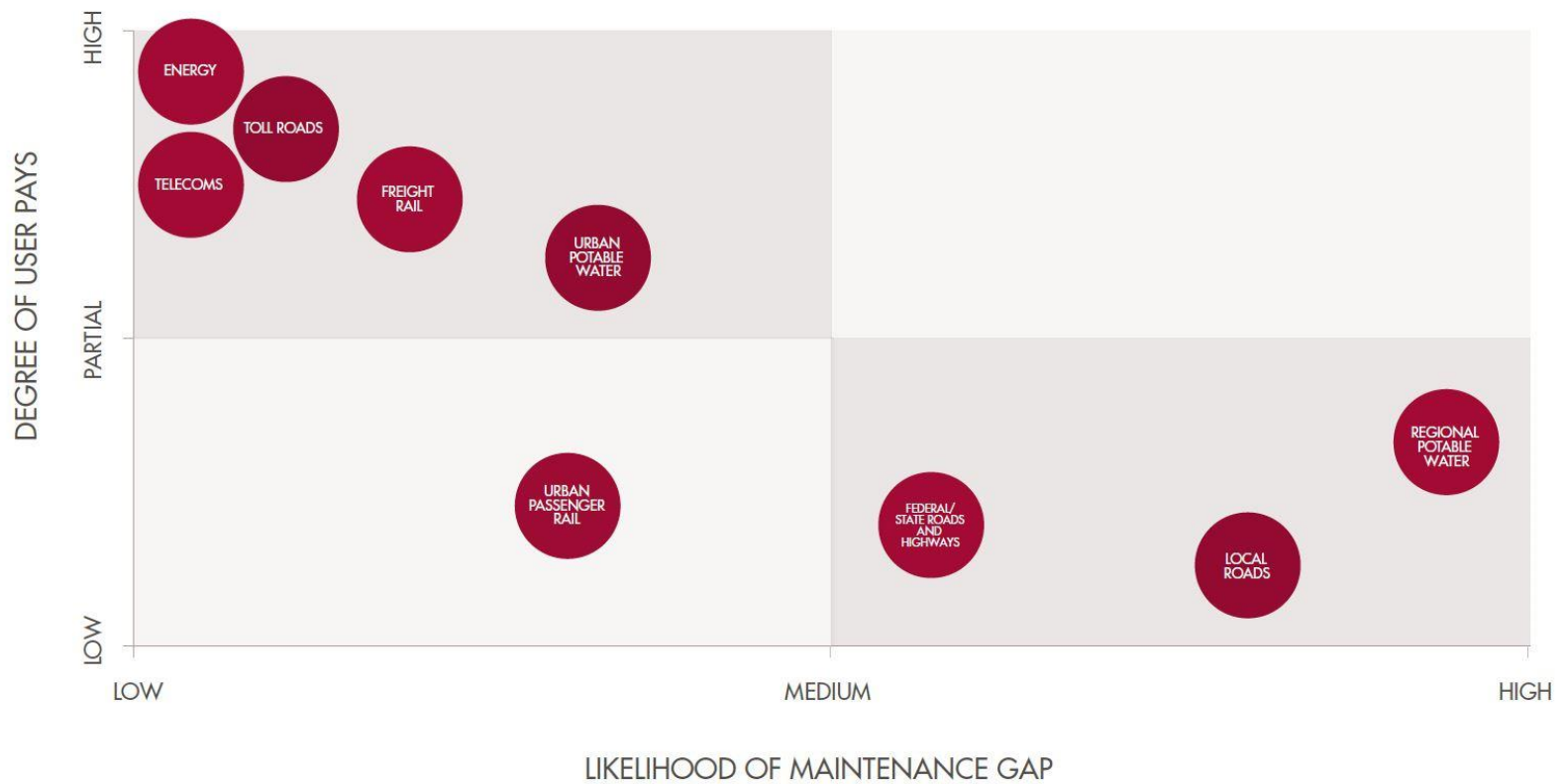
Figure 1: Possible benefit-cost ratios of ITS projects compared to building road capacity



Source: Mckinsey Global Institute, 2013

Infrastructure Markets

Figure 2: Comparison of user pays and maintenance across infrastructure sectors



Source: Infrastructure Australia analysis, 2015

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