



Australian Government

**Infrastructure
Australia**

Cities-Related Policy and Research

Address to 10,000 Friends of
Greater Sydney Workshop:
*Shaping Sydney 2051 Scorecard -
The Way Ahead*

19 July 2017

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Four Streams of Policy and Research

- Productive cities, productive regions
- Efficient Infrastructure markets
- Sustainable and Equitable Infrastructure
- Better Decisions and Better Delivery

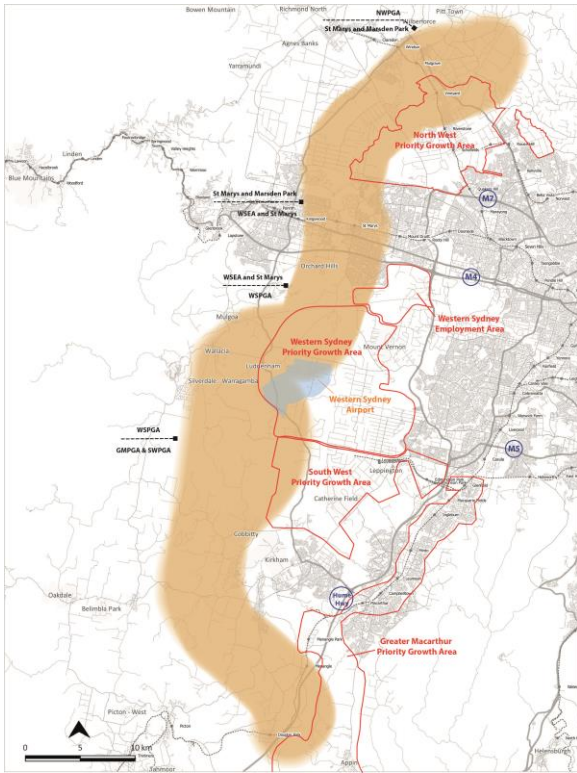
Recent work and publications

- Value capture
- Franchising of public transport
- Corridor protection

Corridor protection

- **Modelling of corridors:**
 - How much do we think projects might cost if corridor is protected?
 - How much do we think project might cost if corridor is not protected, and development occurs on what would have been the corridor?
- **Five greater Sydney corridors (potential savings \$2016)**
 - Outer Sydney Orbital (\$3,365M discounted 7% real or \$19,979M undiscounted)
 - Western Sydney Airport Rail Connection (\$1,174M discounted or \$4,754M undiscounted)
 - Western Sydney Freight Line and Intermodal Terminal (\$1,605M discounted or \$6,960M undiscounted)
 - Lower Hunter Valley Freight Rail Realignment (\$33M discounted or \$122M undiscounted)
 - High Speed Rail (\$3,544M or \$20,755M undiscounted)

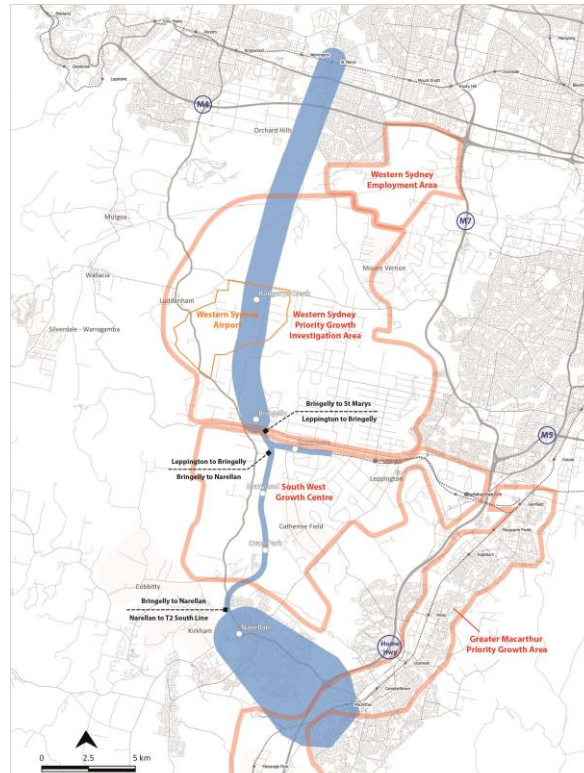
Corridor protection



Infrastructure Australia - Mapping analysis of Infrastructure Priority List corridor protection initiatives - Outer Sydney Orbital Road and Rail Link - Stage 1
May 2017

Corridor	Segment Breaks	Roads	Railway
Alignment Investigation Area	Segment A Segment B	Motorway Other Roads	Railway Network Railway Station

SGS Economics & Planning
Indicative investigation area based on the NSW Government's June 2015 Strategic South West Rail Line Review. This document provides preliminary and the Western Sydney Rail Needs Study - Discussion Paper released by the Australian and NSW Governments in September 2016. The final corridor may differ from that shown above.



Infrastructure Australia - Mapping analysis of Infrastructure Priority List corridor protection initiatives - Western Sydney Airport Rail Corridor
May 2017

Corridor	Segment Breaks	Roads	Railway
Alignment Investigation Area	Segment A Segment B	Motorway Other Roads	Railway Network Railway Station Proposed Railway Station

SGS Economics & Planning
Indicative alignment and investigation area based on the NSW Government's June 2015 Strategic South West Rail Line Review. This document provides preliminary and the Western Sydney Rail Needs Study - Discussion Paper released by the Australian and NSW Governments in September 2016. The final corridor may differ from that shown above.



Infrastructure Australia - Mapping analysis of Infrastructure Priority List corridor protection initiatives - Western Sydney Freight Line and Intermodal Terminal Areas
May 2017

Corridor	Segment Breaks	Roads	Railway	Land Zoning
Alignment Investigation Area	Segment A Segment B	Motorway Other Roads	Railway Network Railway Station	Industrial Zones

SGS Economics & Planning
Indicative investigation area based on the NSW Government's June 2015 Strategic South West Rail Line Review. This document provides preliminary and the Western Sydney Rail Needs Study - Discussion Paper released by the Australian and NSW Governments in September 2016. The final corridor may differ from that shown above.

Current work

- Scenario modelling
 - Sydney and Melbourne
- Sequencing of infrastructure and housing
 - Greenfields versus infill areas
 - Five states
- Outer suburban public transport

Potential work

- Urban freight
- Demographic analysis
- Dealing with uncertainty
- Road reform

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