



Australian Government
Infrastructure Australia

Planning our National Infrastructure 'Issues and Challenges'

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Outline

- Part One
 - National infrastructure challenges
 - Infrastructure Australia's assessment framework
 - Infrastructure priorities
- Part Two
 - Challenges posed by our growing cities
 - Challenges posed by an ageing population
- Part Three
 - Implications for Local Government



Australia's national infrastructure challenges

In 2008, Infrastructure Australia identified nine key infrastructure challenges facing Australia:

1. Deliver better governance
2. Create competitive markets
3. One nation, one set of rules
4. Better use of existing infrastructure
5. Climate change
6. Supporting our cities
7. Boosting exports
8. Supporting Indigenous communities
9. Supporting rural communities



Infrastructure Australia's Assessment Framework

Seven critical stages in the assessment framework:

1. Goal definition
2. Problem identification
3. Problem assessment
4. Problem analysis
5. Option generation
6. Solution assessment
7. Solution prioritisation



Australia's National Infrastructure Priorities

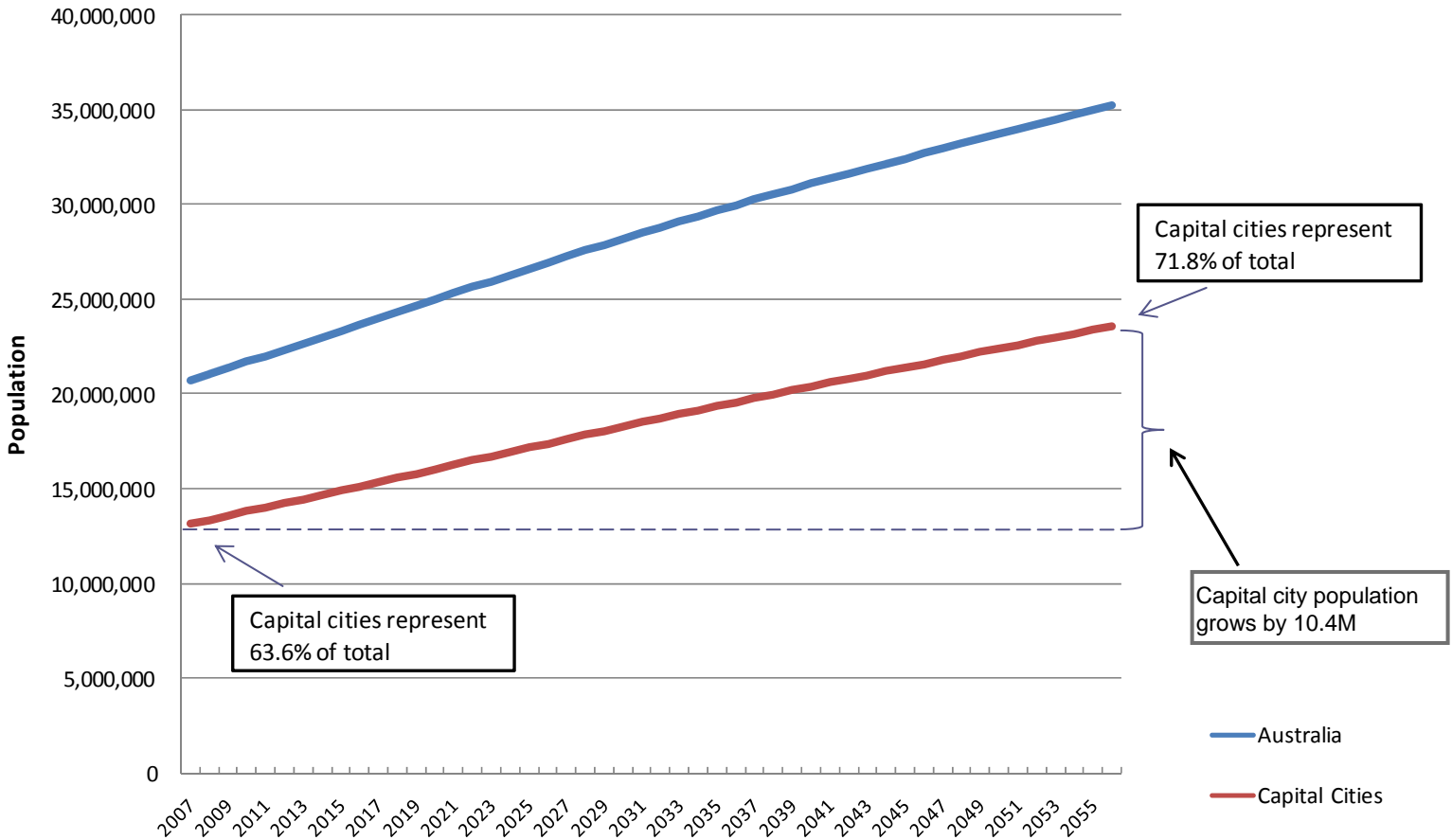
In response to the challenges, Infrastructure Australia has identified the following priorities

1. A national broadband network
2. Creation of a true national energy market
3. Competitive international gateways
4. A national rail freight network
5. Transforming our cities
6. Providing essential Indigenous infrastructure
7. Adaptable and secure water supplies

Infrastructure investment and regulatory reform are required to address these priorities.



Projected Population 2007 - 2056: Capital Cities and Australia



Source: ABS Catalogue No. 3222.0, Released 4 Sept 2008 – Medium level projections



Is decentralisation the answer?

- Perhaps. However, it would require a fundamental change in our approach to planning.
- The track record, both in Australia and overseas, is not encouraging.
- Can we, as a nation, sustain the commitment not just for 5-10 years, but for 50-100 years?
- Even then, will it work? Will people and businesses make the move?

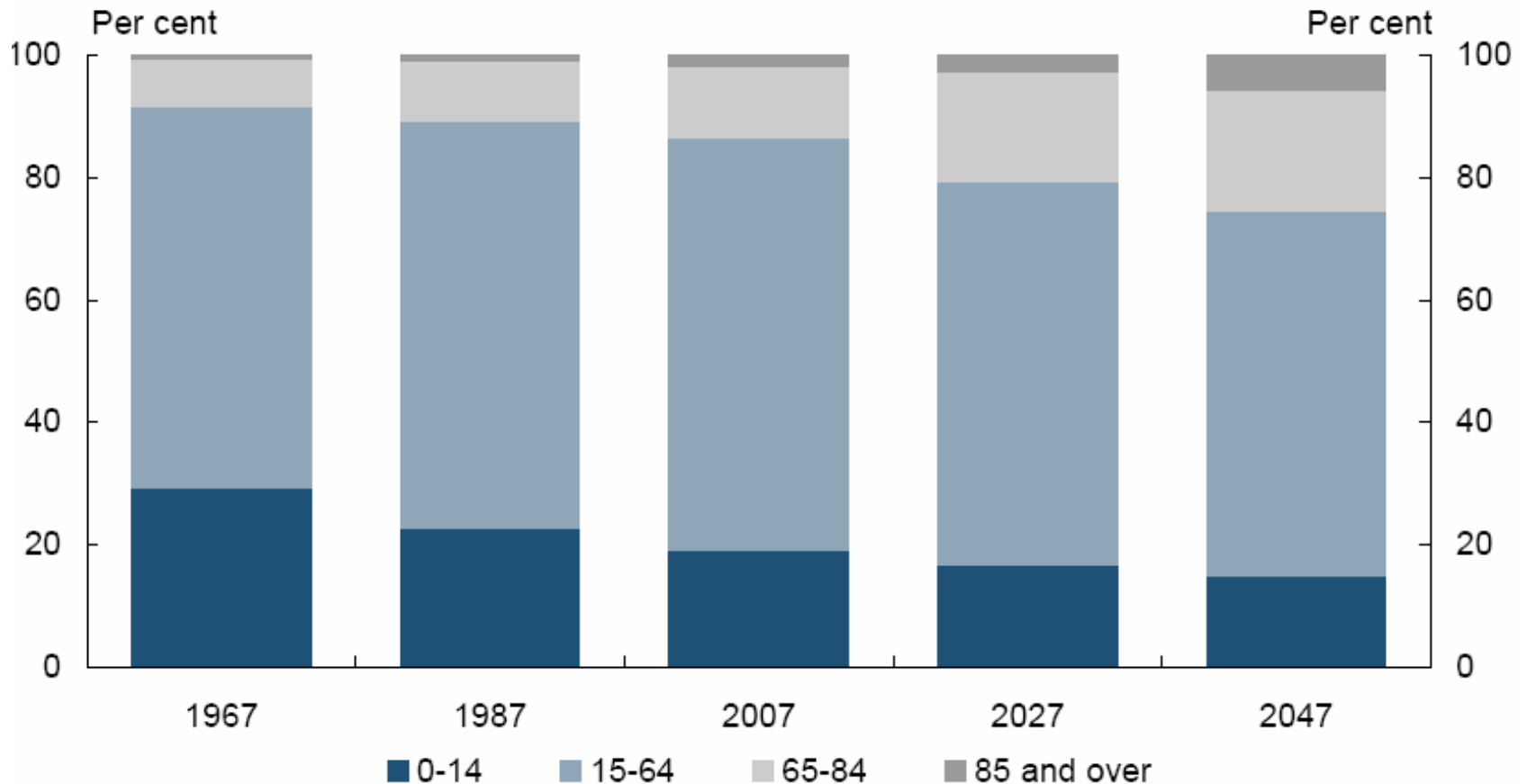


Planning and protecting infrastructure corridors will be vital

- As a nation, we can dramatically improve the identification, protection and acquisition of corridors for new infrastructure.
- Particularly relevant to:
 - Areas around the edges of cities;
 - Rural areas – connecting renewable energy sources to end markets.
- Need to make greater use of shared corridors.



An ageing population will present additional challenges, in rural areas especially





Local Government's contribution

- Local Government will play a key role in brokering:
 - Local land use changes;
 - Changes in local infrastructure and services;
 - Balancing the need to present local views to other Governments and contribute to explaining the need for change in the face of the challenges mentioned earlier.
- It will need to work collaboratively with State/Territory Governments and the Australian Government.
- What will the 'compact' between government, the community and business look like?