

INVEST IN BRISBANE, AUSTRALIA FOR INFRASTRUCTURE AND CONSTRUCTION

Brisbane is driving forward a strong program of major infrastructure works, bringing together public and private sector expertise in extremely successful partnerships.

Real infrastructure construction activity in Australia has strongly increased since 2001, particularly in the areas of transport and energy infrastructure.

In 2012, major infrastructure industries accounted for 10 per cent of GDP and employed over 862,800 Australians.¹

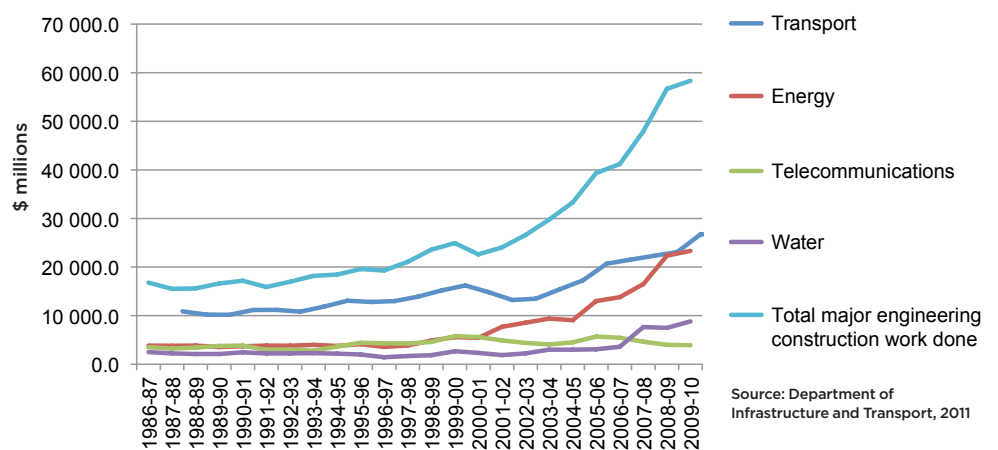
Queensland's average infrastructure spend over the past 10 years is 75 per cent higher than the average of other states and territories combined at \$1021 per capita.² This spend will continue to increase exponentially with the projected growth in Queensland's economy and population.

Brisbane's competitive advantage

Expanding infrastructure



Australian infrastructure construction activity, adjusted by chain volume index



South East Queensland (SEQ) is Australia's fastest-growing region, approximately 3.18 million people currently call SEQ home, and this is expected to grow between 4.15 and 5.09 million by 2031.³ To manage this significant increase and secure the region's prosperity and lifestyle, Queensland has committed **\$134 billion** in the Queensland Infrastructure Plan (QIP) to planning and delivering infrastructure projects to 2031. Coupled with the Brisbane City Council's long-term commitment to infrastructure, this represents the largest public infrastructure spending program in Australian history.

Demand for resources

In addition to the large investments being made by the public sector, there is currently in excess of \$71 billion in resource investments under construction and \$61 billion committed or under consideration in Queensland.⁴ With the significant increase in demand for coal and

liquefied natural gas (LNG) from both China and India, the resources boom in Queensland is creating a requirement for extra port and rail capacity and the need for key infrastructure developments across water, energy and communications. As Queensland's capital, Brisbane is well placed at the heart of this boom.

Public Private Partnerships

In Brisbane, government at all levels is committed to establishing and maintaining partnerships with the private sector to ensure the success of major infrastructure projects. With substantial investments in mining and infrastructure planned for Brisbane, there is ample opportunity for international infrastructure contractors with the procurement and delivery option - Public Private Partnerships (PPP). PPPs provide incentives for innovation in the design, construction, operation and management of substantial investments.

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Opportunities

Road

In 2012, \$20.2 billion was invested in improving Queensland's road network.⁵ Ongoing investment is paramount to reducing congestion and upgrading key freight and commercial routes.

Projects include:

- **\$1.5 billion** Legacy Way
- **\$650 million** Kingsford Smith Drive upgrade
- **\$280 million** to improve Main and Kessels Roads intersection

Rail

Rail plays an important part in the resources industry supply chain. Queensland is benefiting from major investment in rail projects from the public and private sector, with \$11 billion invested in 2011.⁶

Projects include:

- **\$5 billion** Brisbane Underground Bus and Train Tunnel (BaT tunnel)
- **\$2.2 billion** 495 km North Galilee Basin standard gauge rail corridor connecting the northern Galilee Basin to the Port of Abbot Point
- **\$1.15 billion** Moreton Bay Rail Link
- National High Speed Rail Network (under feasibility)

Water

Queensland has invested heavily in providing quality water services, with \$7.67 billion in engineering construction work done in 2012.⁷

Projects include:

- **\$1.4 billion** Nathan Dam and pipeline (888,312 megalitre dam, 149.3 km pipeline)
- **\$29 million** Wetalla Water Pipeline

Energy

Energy demand continues to be driven primarily by the growing number of projects in high-energy-consuming industries such as metals, mining, oil and gas. In 2012, \$13.95 billion was invested by both the public and the private sector into energy infrastructure.⁸ As Queensland starts to pursue a greener future, investment is also increasingly being directed towards the areas of:

- low-emission coal technology
- gas
- solar
- wind
- biomass
- hydro
- geothermal

Coal seam gas

Australia is currently the world's third-largest liquefied natural gas (LNG) exporter, but with more LNG plants under construction than any other country, it is positioned to become the largest by 2020.⁹ Queensland in particular is placed to benefit from this growth, with the state's exports expected to grow by 23 per cent in 2015-16 due to LNG exports coming online.¹⁰

Projects include:

- **\$24.7 billion** Australia Pacific LNG Project
- **\$19.6 billion** Queensland Curtis LNG Project
- **\$18.5 billion** Gladstone LNG Project

Health

With population growth and advances in medical technology, there is increasing opportunity to invest in health infrastructure. The Queensland Government continues its significant investment in health infrastructure with a \$1.75 billion capital program in 2013-14.¹¹

Projects include:

- **\$151.7 million** to complete the construction of the Gold Coast University Hospital
- **\$330 million** development of the Queensland Children's Hospital
- **\$104 million** Cairns Base hospital redevelopment
- **\$89.3 million** Townsville Hospital expansion

"Brisbane is our location of choice into the Asia Pacific market"

Ana Lopez-Tulloch
Commercial Country Manager,
Obrascón Huarte Lain, S.A
(OHL, Spain).

¹Department of Infrastructure and Transport, Australian Infrastructure Statistics Yearbook 2013

²Queensland Infrastructure Plan, 2011

³Queensland Treasury and Trade Office of Economic and Statistical Research, Population and Dwelling Profile South East Queensland, 2012

⁴Deloitte Access Economics, Investment Monitor, June 2014

⁵Department of Infrastructure and Transport, Australian Infrastructure Statistics Yearbook 2013

⁶Department of Infrastructure and Transport, Australian Infrastructure Statistics Yearbook 2013

⁷Department of Infrastructure and Transport, Australian Infrastructure Statistics Yearbook 2013

⁸Department of Infrastructure and Transport, Australian Infrastructure Statistics Yearbook 2013

⁹International Energy Agency, Mid-Term Gas Market Report 2013

¹⁰Queensland Government, State Budget at a Glance 2013-14

¹¹Queensland Government, Queensland's reliable infrastructure 2013