



Infrastructure and Major Projects

Built to last

Australia has unique experience in infrastructure because of its geographic conditions and history.

Australia has a harsh environment - it is the driest continent in the world with limited water resources.

Our roads, rail, telecommunications and other utilities have to cover huge distances over a wide range of terrain and climates to reach small, remote communities. The national highway network linking the capital cities is 16,000km long.

Australian transport, communications, and ports and harbours are well developed as the country has relied on primary production and mining exports since the 19th century. Australia is the largest producer and exporter of bulk commodities in the world.

Over the past 25 years, Australia has undertaken major project work in areas such as ports and harbours, road and rail networks, communication networks, oil and gas pipelines, regional airports, water purification and recycling facilities and commercial and residential construction.

Key areas of capability

Airports

Australia is a pioneer in aviation technology and infrastructure. Australia is also a leading supplier of airport infrastructure to the world. We have developed world-class airport expertise through adapting solutions to suit our unique geography and range of climatic conditions.

Australian companies can provide a complete range of airport services, including:

- > consulting
- > civil works
- > supply and installation of systems and equipment
- > management and operation support
- > training packages

Railways

Australian railway systems operate in the world's harshest environments. The iron ore tracks in Western Australia carry the world's longest freight trains which can be up to several kilometres long.



The Australian railway industry is diverse with expertise in:

- > rolling stock
- > track design and construction
- > signalling and communication systems
- > consultancy services
- > components
- > ticketing

Leading-edge technologies coming out of Australia include:

- > dry brake fuelling systems
- > simulators for driver training
- > optical techniques for monitoring rail conditions and measuring rail freight heights
- > designs for track fasteners
- > fully computerised track relaying machines

Sports infrastructure

With the hosting of the 2000 Sydney Olympics, the 2003 Rugby World Cup and the Melbourne 2006 Commonwealth Games, Australia continues to showcase its sports infrastructure expertise.

Some Australian sporting infrastructure highlights are Stadium Australia, Sydney International Aquatic Centre and the Melbourne Cricket Ground.

Australia has a breadth and depth of experience in:

- > Olympic and Commonwealth Games planning expertise
- > masterplan design – overall concept design and development
- > project design and management – architectural services, engineering and procurement
- > opening and closing ceremonies and events
- > event and venue management – during events and long-term viability
- > facilities fit-out – seating, shade structures and temporary facilities
- > services – websites and ticketing

Australian companies doing business in India

- > **Peddle Thorp Architects** www.pta.com.au

Peddle Thorp is a leading Australian architectural firm that develops innovative design solutions to achieve award winning projects of distinction.

Peddle Thorp has been active in the Indian market for a number of years and through delivering design solutions for sporting facilities have successfully won bids to design three stadia in the lead up to the New Delhi Commonwealth Games, 2010.

“A key to our success India has been to maintain a relaxed, yet focused attitude and investing time in developing relationships,” said Colin Rofe, Director of Peddle Thorp Melbourne (India).

Key resources and links

- www.aric.com.au - Australian Railway Industry Corporation (ARIC)
- www.ausport.gov.au - Australian Sports Commission
- www.asi.gov.au - Australia Sport International
- www.dcita.gov.au - Department of Communications, Information Technology and Arts
- www.sportforall.com.au - Sports Industry Australia
- www.sportingarena.com.au - Sporting capability

Austrade services

Austrade has a network of staff across India who can assist Indian companies to identify Australian expertise and connect you with the right people to expand your business.

Utsav Australia is an Australian government program managed by Austrade to raise awareness of Australian capability in India.

If you are thinking of expanding your business and would like more information on how to do business with Australia visit the Austrade website:

www.austrade.com or email Austrade on: utsavaustralia@austrade.gov.au

