



ALSTOM TRANSPORT

The Australian Leader in Urban Transport

Australia continues to represent a strong market for Alstom's Transport Sector, both through its partnership with UGL and through continued direct support and supply to the rail market.

Throughout Australia, Alstom has established key references over a broad range of product lines and customers. Major rolling stock contracts and associated maintenance services for regional and suburban trains continue to run in both New South Wales and Victoria for the Millennium train and Hillside networks respectively.

INFRASTRUCTURE FOR AUSTRALIA'S FUTURE

In **Sydney**, Alstom was awarded a pilot project by Railcorp for a new generation of rail signalling and safety. In Victoria, Alstom is confident that its X'Trapolis regional train design will be instrumental in coping with the high demand of Melbourne's growing suburban network, while offering optimum customer comfort and safety.

In **Melbourne**, Alstom's Citadis trams are improving accessibility, thanks to new full low-floor design. The Citadis is also

helping Melbourne to cope with the rapid expansion of its urban transportation system, with the addition of its distinctive 'Bumblebee' trams. In mid 2009, **Adelaide** also received six Citadis trams to help meet demand for its local public transportation system.

GROWING ALSTOM IN AUSTRALIA

With a strong backlog of work and backed by solid references in Australia, Alstom looks forward to extending its long term presence and success in Australia.

Committed to Australian infrastructure for over 100 years, the company is looking forward to growing its local capabilities in this important market.

Key customers:

Department of Transport, State of Victoria, Downer EDI, Railcorp, Transdev



Citadis tramways in Melbourne

- 36 Citadis trams in operation since 2001
- 5 Citadis Bumblebees since 2008

X'Trapolis suburban trains (6 cars) in Victoria

- Contract awarded in 1999 for 174 cars
- New contract was awarded in 2007 for 108 cars
- Additional 120 cars in 2009 to deliver from 2009 onwards

ERTMS trial in Sydney

- Onboard/trackside automatic train control

4 GT Millennium Train & Maintenance in Sydney

- Traction Control and Train management systems, 35 x 4 car units

6 Citadis tramways in Adelaide from 2009 to 2010



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ALSTOM



ALSTOM POWER

A World Leader in Power Generation

Alstom is a global leader in the world of power generation and sets the benchmark for innovative and environmentally conscious technologies. We employ over 81,000 people across the world. Alstom employs over 600 people in Australia and has a presence in every state

We design, manufacture and supply a comprehensive range of state-of-the-art products and systems for the power generation and industrial markets. This includes gas, coal, nuclear, wind, geothermal, solar and hydro power.

Our objective is to build the most efficient and cleanest **integrated power solutions** for our customers. We supply and integrate all components of a **clean power solution** – including turbines in boilers, air quality control and energy recovery systems.

EXPERIENCE IN EPC AND O&M

We have an unrivalled expertise in project management for all kinds of power generation systems, from small to large, from single equipment to complete turnkey solutions.

Alstom also has extensive experience in operating, upgrading, refurbishing, modernising and retrofitting existing power plant equipment.

RECENT PROJECTS IN AUSTRALIA

Over the course of 2008 and 2009, Alstom delivered major equipment to Yarwun power station, completed Kwinana gas-fired power plant in WA and currently has large projects under construction, including Colongra in NSW. Alstom's projects and sites across Australia have a strong safety record.

Alstom is bringing its **Wind, Carbon Capture and Smart Grid Technologies** to Australia to help the country meet its Climate Change objectives.



Alstom supplies major equipment in 25% of the worldwide installed base. We are:

Number 1 in turnkey power plants.

Number 1 in service for utility power generation.

Number 1 in the number of installed boilers worldwide.

Number 1 in installed turbine and generator for nuclear plants.

Number 1 in steam turbine retrofit and integrated retrofit projects.



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