



Mining & Mining Services

Melbourne, Victoria, Australia

Victoria is the birthplace of the Australian mining industry and is home to an innovative and dynamic cluster of mining services, making the State a world leader in the delivery of product and service solutions for the Australian and overseas resources sector.

Victoria's leadership in mining

Victoria's capital, Melbourne, is emerging as an internationally recognised hub for Australia's mining and resources industry.

Victoria is the birthplace of Australia's mining industry. The discovery of gold 1850s and 60s laid the foundations for much of the State's growth over the 19th and 20th centuries. The Melbourne Mining Club emerged from this early boom and is the oldest such industry body in Australia - a testament to this rich history.

Today, Melbourne serves as the headquarters for seven of the 25 largest ASX listed mining, metals, energy and utilities companies led by BHP Billiton, Rio Tinto, and Newcrest Mining. The combined turnover of these companies is around A\$150 billion.

Mining Equipment, Technology and Services (METS)

Building on this substantial presence, Victoria is a global leader in the delivery of product and service solutions for the Australian and overseas resources sectors. Victoria's strengths are built on more than 150 years of mining heritage, a highly skilled workforce and Victoria's proven capabilities in:

- mineral exploration;
- mining products;
- engineering consulting;
- information and communication technology
- financial services and
- professional services including legal and recruitment

It is this comprehensive suite of capabilities that defines Melbourne as a global hub for the mining and mining services industry.

A recent study by Austmine, Australia's peak industry body for METS, shows that the Australian METS sector generates A\$90 billion in revenue and contributes 6.4% to the Australian economy. The sector is estimated to comprise between 1,200 – 1,500 companies.

METS is one of Australia's largest export sectors, with Victoria taking a strong share of the sector's exports with revenues at approximately A\$17 billion.

Innovation in mining technology

Victorian METS companies have continued to make significant investments in R&D. Recent examples of Victoria's METS innovation include:

- Safescape's Laddertube, a strong and lightweight series of ladders which can be easily installed as an escape or secondary route for underground mines;
- Gekko Systems' Python modular processing plant, which cleanly and efficiently extracts minerals on-site within underground mines using gravity separation and flotation technology;
- Hella Australia's HypaLUME, the first high output LED floodlight designed specifically for mining;
- Trimble Planning Solutions' Quantm® software, which finds the best route for major infrastructure projects and has helped mining companies minimise environmental impacts and maintenance costs;
- MCE Lasers which specialises in the manufacture and design of lasers for alignment and levelling in mining using semiconductor diodes to generate light at low voltages; and
- Optalert's fatigue-prevention products which uses customised glasses to measure a mine driver's level of fatigue and sounds a warning up to 30 minutes before fatigue reaches a dangerous level.



Victorian Government Business Offices Global Network

R&D infrastructure

The innovation ecosystem in Victoria encompasses world class R&D infrastructure including:

- The CSIRO – Australia’s national science agency – whose Minerals Down Under Flagship works across the minerals value chain to increase the productivity of the minerals industry and reduce its environmental footprint globally;
- The Australian Synchrotron, the largest stand-alone piece of scientific infrastructure in the Southern Hemisphere, which has contributed to the improvement of the alumina production process amongst other projects; and
- A strong academic community, including leading universities the University of Melbourne and Monash University, the latter of which in 2013 began a dedicated Bachelor of Mining Engineering in partnership with Newcrest Mining and MMG to meet future skills demand in the industry.

The products and services provided by Victorian companies are also adaptable, with many first transferring their skills to other industries or working across several minerals and stages of the mining lifecycle.

A global industry

Victoria’s METS companies are highly internationalised and export their products and services all over the world.

Given the sector’s broad area of expertise across the mining supply chain, opportunities exist for Victorian companies to expand their work with mining and mining

service companies in emerging economies in South America, Central Asia and the Middle East.

The Victorian mining and mining services industry also has significant development and investment potential, given that of all the companies surveyed as part of the Austmine study in 2013, 83 per cent were established in the last 30 years.

Melbourne’s economy

Over the years, Victoria has generated consistent and sustainable economic growth, well above the OECD average, thanks to a dynamic, competitive business environment and broad economic base.

Victoria is proud of being the engine room of the Australian economy. Occupying just 3% of this vast continent, it is nevertheless responsible for a quarter of the nation’s economic activity.

The State’s economic staying power helped make Australia the only OECD country on the planet to record positive growth during the global financial crisis. In fact Victoria has maintained its AAA ratings (Standard & Poor’s and Moody’s) throughout and beyond the crisis.

City of Opportunities

Melbourne is a perfect blend of economic strength and dynamism, with a lifestyle that is envied around the world. Talented people, a world-class education system, supportive government and superior infrastructure all mean that there has never been a better time to invest in Victoria.

Invest Victoria is the investment promotion agency of the State of Government of Victoria, Australia. Invest Victoria provides a single entry point to a range of business and investment services for companies wanting to setup or expand their business operations through foreign direct investment.

For more information on Invest Victoria’s services, visit: www.investvictoria.com

Invest Victoria is the point of entry for all enquiries about establishing a new business or growing an existing business in Victoria. We’ll work with you to develop business solutions that meet your company’s needs and ensure your business future in Victoria is secure and profitable.

investvictoria.com

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