

VICTORIAN DEFENCE INDUSTRY MARITIME SYSTEMS

Proven expertise and supply chain partners
to support Australia's naval submarine and
shipbuilding programs



DEFENCE
EXCELLENCE



Victoria has world-class maritime design, engineering, manufacturing and research and development (R&D) capabilities, and deep naval shipbuilding, dating back to the 1940s.

Victoria's leading companies and research organisations have the expertise and the supply chain partners to make a significant contribution to Australia's naval submarine and shipbuilding programs.

PROVEN EXPERTISE

More than 300 Victorian companies have proven and forward looking maritime and submarine capabilities including in:

- Design, manufacturing and construction
- Communication and control systems
- Engines and propulsion
- Electrical and electronic systems
- Fluid dynamics research
- Materials testing
- Systems integration and engineering
- ICT and software
- Intelligent systems design and development
- Advanced visualisation tools

GLOBALLY CONNECTED

Seven of the world's leading maritime design and engineering companies – BAE Systems Australia, Navantia Australia, Siemens, Australian Maritime Technologies, Leonardo, L-3 Communications Australia and BMT Design & Technology – operate in Victoria.

INDUSTRY LEADERS

Victorian supply chain companies are delivering high value products, services and expertise into an array of defence maritime projects.

Significant maritime defence companies operating in Victoria include:

- Able Industries Engineering
- AMOG
- Atlas Tooling
- AW Bell
- Bauer Engineering
- Beak Engineering
- Cornell Design
- Frontline Australasia
- Hofmann Engineering
- Invenio
- Mackay Defence
- Marand
- Moog Australia
- Ocean Software
- Penske Power Systems
- PHM Technology
- QinetiQ
- Sentient Vision Systems
- SYPAQ Systems
- WayOut Evacuation Systems

RESEARCH AND DEVELOPMENT

Victoria is a global leader in commercially successful research and development.

The state has one of the largest R&D clusters in the southern hemisphere and produces commercially focused and ground-breaking research.

Defence technology research is undertaken by Victoria's tertiary institutions and research organisations, often in collaboration with Department of Defence, industry and other national and international institutions.

Victorian universities contribute approximately 29 per cent (\$3.1 billion) of national university R&D spend and approximately 38 per cent (\$33.9 million) of defence R&D spend across Australian universities.

The Defence Science Institute is instrumental in supporting this growth, by harnessing the exceptional capabilities of R&D providers to deliver multi-disciplinary solutions for the defence industry.

Other key leading defence R&D organisations that have a significant base in Melbourne include the Defence Science and Technology Group and the Defence Materials Technology Centre.



WORKING TOGETHER WITH INDUSTRY

The Victorian Government's vision is for an innovative, globally competitive, highly skilled and agile defence industry that excels in meeting the needs of the Australian Defence Force and global supply chains.

Victorian industry, with its deep expertise in maritime design, engineering, R&D, manufacturing and through-life support can play a major role in maritime defence capability and sustainment.

The Victorian Government will continue to work closely with the defence industry and the Australian Department of Defence to identify and support strategic industry capability requirements, including domestic and international maritime projects.

VICTORIA'S DEFENCE SECTOR IS AN IMPORTANT PART OF THE STATE'S ECONOMY, CONTRIBUTING UP TO \$8 BILLION ANNUALLY. THE SECTOR EMPLOYS AROUND 18,500 PEOPLE AND HAS MORE THAN 770 BUSINESSES WHICH MAKE EQUIPMENT AND PROVIDE SERVICES FOR DEFENCE ACTIVITIES.

FURTHER INFORMATION

Defence, Aerospace & Security

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