

NSW advanced manufacturing industry development strategy

A presentation to AMGC Members
19 February, 2019



New South Wales
Government
AUSTRALIA

Manufacturing in NSW

Manufacturing industry statistics summary

Indicator	NSW	Breakdown
Number of businesses	26,127	NSW manufacturers make up 31% of the Australian sector, more than any other state or territory
*Industry value-added	\$33 billion	NSW manufacturers contribute almost 30% of Australia's total manufacturing output and employ nearly 30% of Australia's direct manufacturing labour force
Employment	253,000	7% of NSW's total workforce have jobs in manufacturing
Research and development	\$6.76 billion (2013)	NSW manufacturers account for 27% of national direct expenditure on R&D. They contributed 1.32% to gross state product (GSP) in 2013. R&D and design roles make up 15% of all direct manufacturing jobs in NSW
Exports	\$2.4 billion (for 2017 calendar year)	NSW contributes around 16% of Australian manufacturing exports

Source: ABS cat. no. 8155.0, ABS cat. no. 5368.0, Department of Industry internal analysis and Compustat analysis. Conducted by AlphaBeta Advisors and McKinsey & Co. 2017.

*Industry gross value-added (IGVA) measures the value of goods produced in an industry. It is used to measure the contribution of individual industries to the gross product of a state or territory.



Unlocking the future

The NSW Government believes our state needs a strong manufacturing sector to unlock the opportunities the future holds.

- Manufacturing is undergoing a transformation across the industrialised world.
- Manufacturing companies in NSW increasingly focus on high-value and high-skill services in pre- and post-production processes, such as research and development (R&D) and design.

As the sector is changing, manufacturing businesses that use new technology or advanced business models are increasingly being termed 'advanced manufacturers'.

The NSW Government wants NSW manufacturing firms to be running ahead of change and is working with industry to activate this approach.

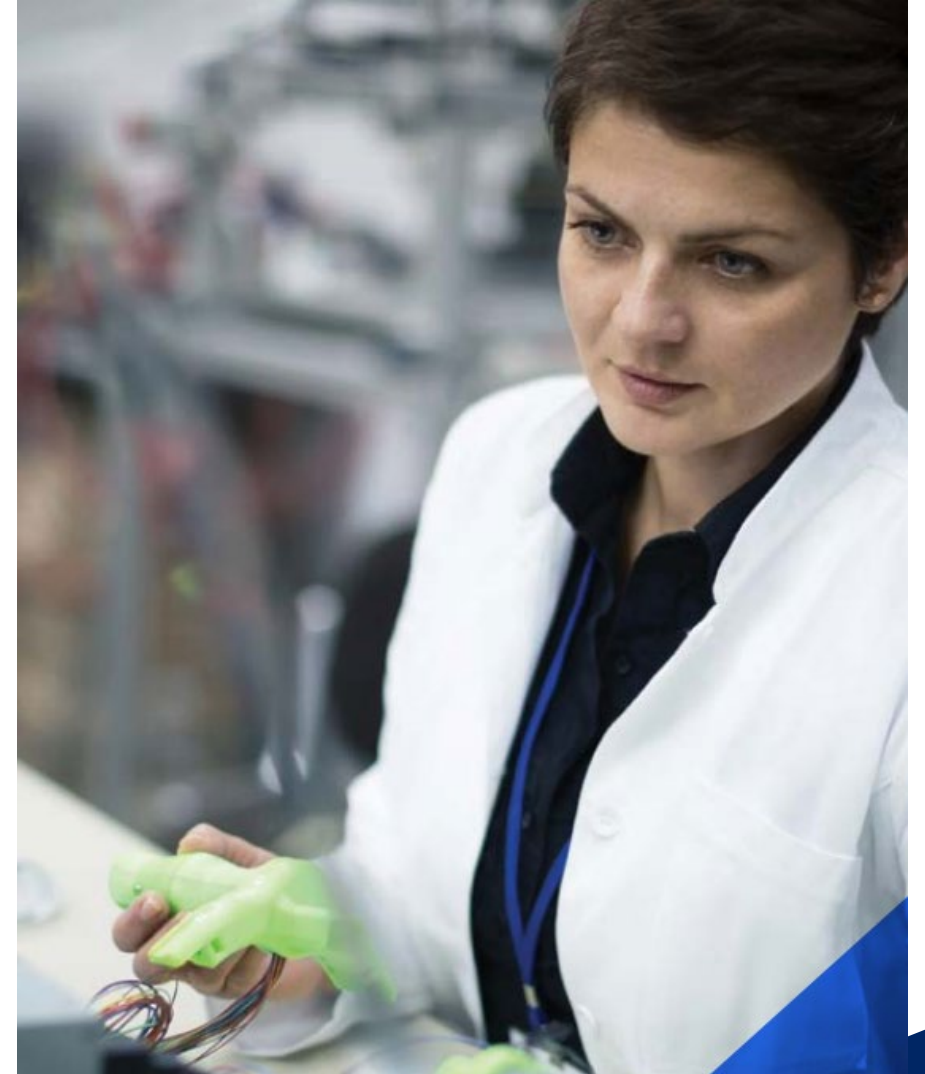


Strategy development

In developing this strategy, the NSW Government held extensive consultations with industry and key stakeholders.

Key insights gained included:

- NSW manufacturers can gain a competitive advantage by focusing on value creation.
- Advanced manufacturing is no longer about what you make, but how you make it. NSW manufacturers can take advantage of largely untapped opportunities to become more advanced, and every NSW manufacturer has the potential to be 'advanced'.
- To create value, NSW manufacturers can access the state's large, highly skilled, cost-competitive labour force.



Key strategic themes and initiatives

Key themes

- 1** Facilitate the development of advanced knowledge to foster collaboration and research within the industry and with research institutions
- 2** Drive the adoption of advanced processes to support and facilitate skills development in the NSW manufacturing industry
- 3** Support the implementation of advanced business models that lead to high-value manufacturing solutions and create products that fulfil previously unmet needs
- 4** Grow exports and attract investment into the NSW advanced manufacturing industry

Emerging industry sectors in NSW with advanced manufacturing capabilities

Emerging industry sectors in NSW with advanced manufacturing capabilities include:

-  Construction technologies
-  Defence industries
-  Aerospace
-  Medical technologies
-  Food and beverage manufacturing
-  Transport and mobility
-  Energy technology
-  Creative industries

Advanced Manufacturing Connect program

The Connect program aims to strengthen engagement and collaboration across the advanced manufacturing industry, as well as facilitate connections to other sectors such as aerospace, the defence industry, medical technology, cyber security, and food and beverage manufacturing.

The Department of Industry invites NSW businesses to register to participate in the Connect program.

Visit: <https://www.industry.nsw.gov.au/invest-in-nsw/industry-opportunities/advanced-manufacturing/connect-registration>



Contact Us



Our Office

MLC Centre, 19 Martin Place
Sydney NSW 2001



Get in touch

Industry.nsw.gov.au/manufacturing



Social Media

[Linkedin.com/company/nsw-department-of-industry](https://www.linkedin.com/company/nsw-department-of-industry)



New South Wales
Government
AUSTRALIA