CAPABILITIES AND SERVICES

Australia's trusted partner for building sovereign manufacturing capability, through development and adoption of AI and robotic technologies across the supply chain

ARM Hub is an agile centre in robotics, AI, and design-led manufacturing. We de-risk technology adoption, development, and commercialisation for Australian manufacturers by drawing together the best scientists, technical specialists, designers, and engineers to work side by side with industry to develop commercial solutions. We have in-house expertise and are a trusted partner for universities and research organisations, providing industry with access to a world-leading network of research and development expertise.

WHAT WE DO

Our services include technology assessments and roadmaps, advice, and support to leverage funding opportunities, in-house engineering feasibility, prototyping, design and project management, technology incubator space arrangements and industry research placements.

WE ARE INDEPENDENT

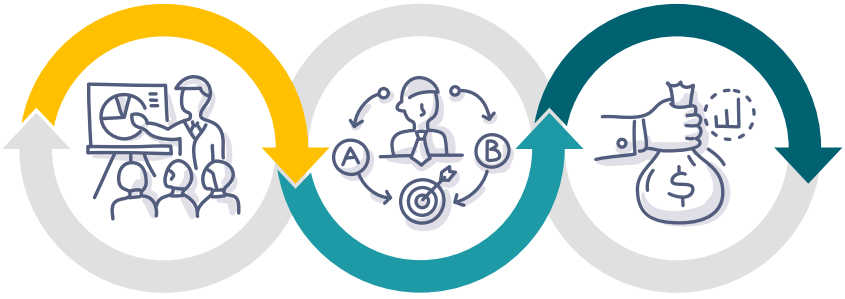
Launched in 2020, ARM Hub is an independent, not-for-profit, with both registered research institution and charity status. We are funded by the Queensland Government, QUT, CSIRO, the Innovative Manufacturing CRC and UAP.

CAPABILITIES

- Collaborative & industrial robotics for manufacturing
- Robotics and Computer vision
- Mechatronics
- Design for manufacture
- Augmented reality & virtual reality
- Automated production and design
- Data analytics and data science
- Artificial intelligence
- Systems engineering
- Scheduling, learning and machine control
- Hypersonics
- Material science
- Nuclear Medicine
- Quantum computing
- Cyber security and physical systems
- GMP Manufacturing

How can we help you?

We offer a range of services to manufacturers.



INDUSTRY ENGAGEMENT

- Advanced manufacturing business readiness workshops
- Site visits and needs assessments
- Technology demonstrations
- Business networks

COMMERCIAL SOLUTIONS

- Technology accelerator and de-risking projects
- Demonstration to validate technology applications
- Expert services to support client business objectives
- Roadmaps
- Technical Specifications

LEVERAGED FUNDS, INVESTMENT

- Assemble teams
- Access competitive grants and commercial contracts



Outcomes

In two years, ARM Hub has:

Acceleration

700+ businesses engaged in Industry 4.0 and 5.0 technologies and processes

Leverage

Supported industry to leverage total project value of $631,891,034

Growth

58 businesses implementing projects to grow productivity and manufacturing capability

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Our facilities

How you can work with ARM Hub

ARM Hub Learning Factory

Headquartered at the Advanced Manufacturing Precinct in Northgate, Brisbane, our workshop is available for demonstrations, workforce training, and member collaboration.

Leasing:

The ARM Hub has various company lots and industrial scale-up space for short and medium term lease throughout the year.

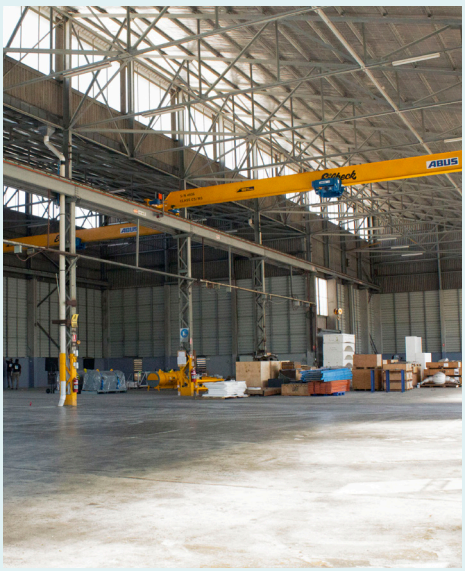
We Offer:

- Shared services model
- Digital Twinning
- Secure Environment

Facilities include:

- 3-phase power
- Overhead crane
- Secure environment
- Office space available
- Access to experts







Maker Space

The Maker Space is a physical space for testing, prototyping, and proving technology solutions. Explore, invent, build, and collaborate in a shared working environment.

- Join a unique advanced robotics and manufacturing platform
- 3D printers and scanners
- Participate in an open innovation marketplace
- Access cost-effective, flexible, and scalable R&D expertise and projects from Australia's leading research institutions
- Link to commercial opportunities for new technologies and projects

Membership

Members of ARM Hub access a suite of services including use of the workshop, site visits, technology needs assessments, technology roadmaps, placement of industry research fellows and access to university experts. A range of membership packages are available, depending on your company's needs and eligibility.

Contact ARM Hub for more information:
info@armhub.com.au | 0491 200 260

Our founding partners

QUT · CSIRO · UAP · imcrc · Queensland Government · Fraunhofer IAO · World Economic Forum