



# Helping catalyse the transformation of Australian manufacturing



COLLABORATIVE INVESTMENT



RESEARCH IMPACT



INNOVATION

**Our vision is for Australian manufacturing to be thriving, relevant and globally integrated. As a not-for-profit, independent cooperative research centre, we help Australian companies increase their relevance through research-led innovations in manufacturing business models, products, processes, and services.**

We collaborate with businesses, research organisations, industry associations and government, investing in partnerships that support innovation and improve the competitiveness, productivity and sustainability of the Australian manufacturing industry.

Across key industry growth sectors, we encourage and enable small and medium enterprise (SME) participation in collaborative research, and co-fund multidisciplinary projects to tackle industry specific problems and deliver manufacturing outcomes.

We currently have two primary focus areas, which will continue to evolve over time to align with new manufacturing innovations and industry demand.

## ADVANCED MANUFACTURING TECHNOLOGY UTILISATION

Including, for example, additive manufacturing (3D printing), automated and assistive robotics, advanced materials, sensors and data analytics, augmented and virtual reality and high value product development.

## INDUSTRIAL TRANSFORMATION PROGRAM (ITP)

Integrating new digital technology platforms with business model innovation to deliver targeted business improvement through the value chain, focusing on digital and data driven manufacturing, innovation, leadership and the uptake of digital manufacturing (Industry 4.0), particularly with SME manufacturers.

The IMCRC operates until mid-2022 with up to **\$30 million in funding** available to co-fund industry-led research projects. Industry cash is matched on a dollar for dollar basis, where eligible research is conducted by IMCRC participant universities and/or CSIRO.

In kind contributions are also sought, however are not matched with cash from IMCRC, and nor is capital expenditure funded.

#### PROJECT ASSESSMENT CRITERIA REQUIRE THAT A PROJECT

- is industry led, delivers clear outcomes, and involves advanced manufacturing (ideally within key industry growth sectors);
- demonstrates genuine collaboration, including with SMEs, Commonwealth Industry Growth Centres and other CRCs;
- creates opportunities to access global value/supply chains;
- delivers wider benefits to Australian manufacturing industry, and contributes to the sector transformation and sustainability;
- requires high quality research with universities and/or other research organisations in Australia, and facilitates higher education;
- has a clear IP utilisation/commercialisation plan (IMCRC does not own Project IP. IP ownership is agreed between the industry and research participants, determined by where IP can be most effectively commercialised, and by whom);
- has a clear business innovation and transformation plan and/or digital manufacturing (Industry 4.0) adoption plan, and
- has a defined return on the project research investment, with both manufacturing and commercial outcomes.

Projects are reviewed by the IMCRC Innovation Investment Committee (IIC), which can approve projects up to \$1m in total cash value, or for larger projects recommend approval to the IMCRC Board.

#### EXPRESSION OF INTERESTS AND PROJECT APPLICATIONS

To be created and submitted by a lead industry participant using the templates available at [imcrc.org/funding](http://imcrc.org/funding).

#### FURTHER INFORMATION



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