



**Australian Government**  
**Department of Industry,  
Innovation and Science**

# **AusIndustry**

## **Defence Industry Opportunities in AusIndustry's Innovation Programs**

Duncan McIntyre – Head of Division

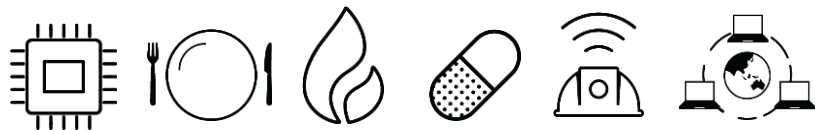
November 2019

# AusIndustry

*Delivering flagship programs supporting business and industry*

Industries driving growth

Industry Growth Centres Initiative



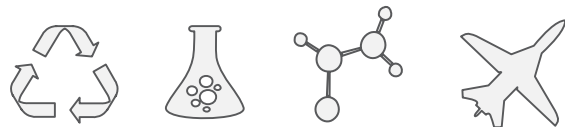
Enhancing SME's growth capability

Entrepreneurs' Programme



Enabling growth and productivity of globally competitive industries

Cooperative Research Centres Program



Research & Development Tax Incentive



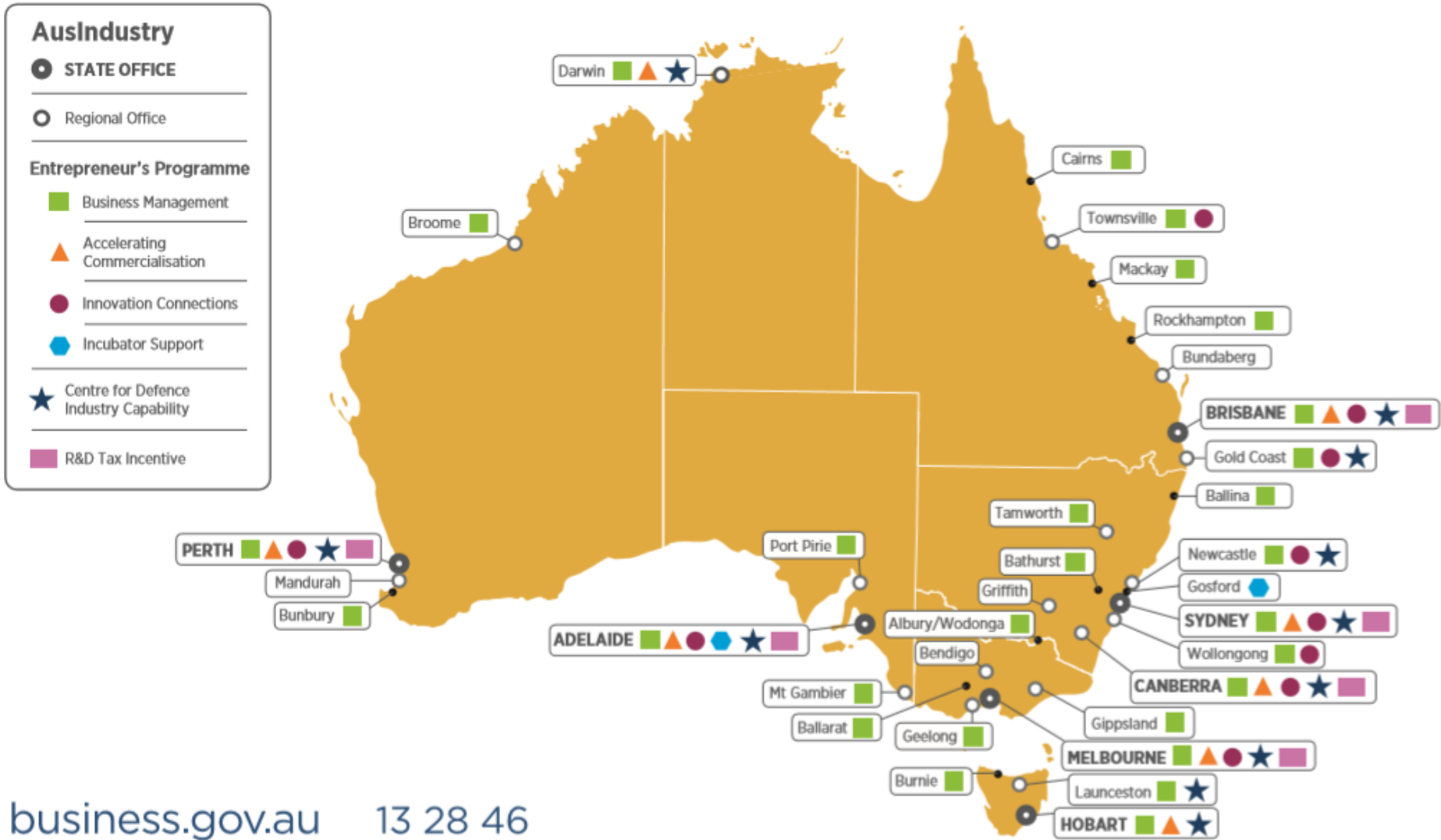
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Driving business-researcher collaboration

Encouraging business investment in R&D

# AusIndustry

## An extensive national footprint



business.gov.au 13 28 46

# Entrepreneurs' Programme

*Building capability so business can grow*

Services and grants are delivered through four elements:



Business Management – improves business management capabilities



Innovation Connections – builds relationships with research organisations



Accelerating Commercialisation – assistance to develop and execute a commercialisation strategy

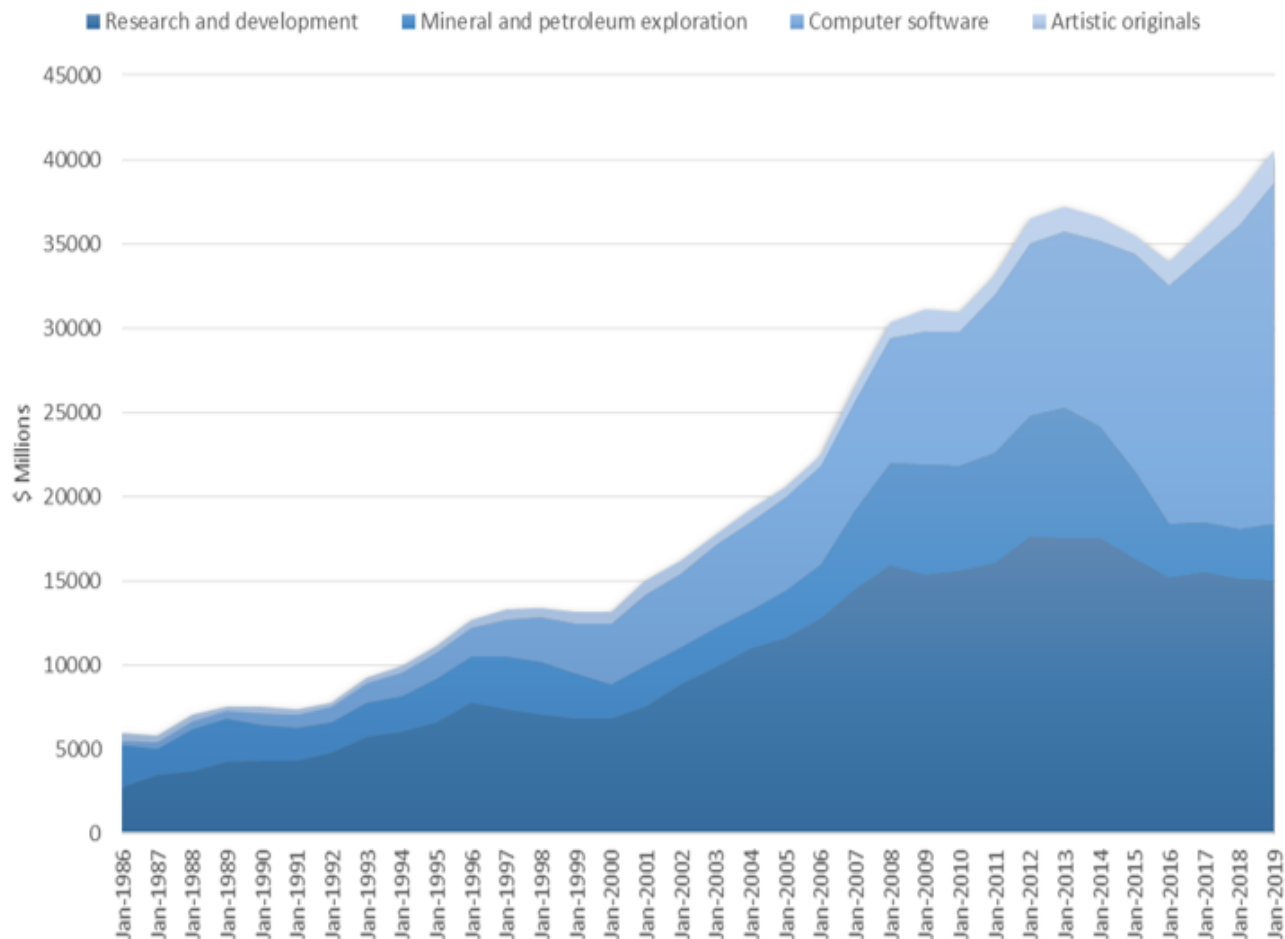


Incubator Support – assistance to develop skills needed to succeed in international markets

# R&D Tax Incentive

*Supporting R&D is critical for innovation but not the whole picture*

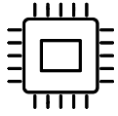
## Intangible Asset Formation



Source: ABS Cat. 5206.0 Australian National Accounts: National Income, Expenditure and Product Table 36. Expenditure on Gross Domestic Product (GDP), Chain volume measures and Current prices, Annual

# Industry Growth Centres

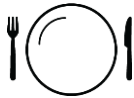
*Enhancing the performance of key industries*



Advanced Manufacturing (AMGC)



Cyber Security (AustCyber)



Food and Agribusiness (FIAL)



Medical Technologies and Pharmaceuticals (MTPConnect)



Mining Equipment; Technology and Services (METS Ignited)



Oil, Gas and Energy Resources (NERA)

# Cooperative Research Centres

*Addressing key industry challenges*

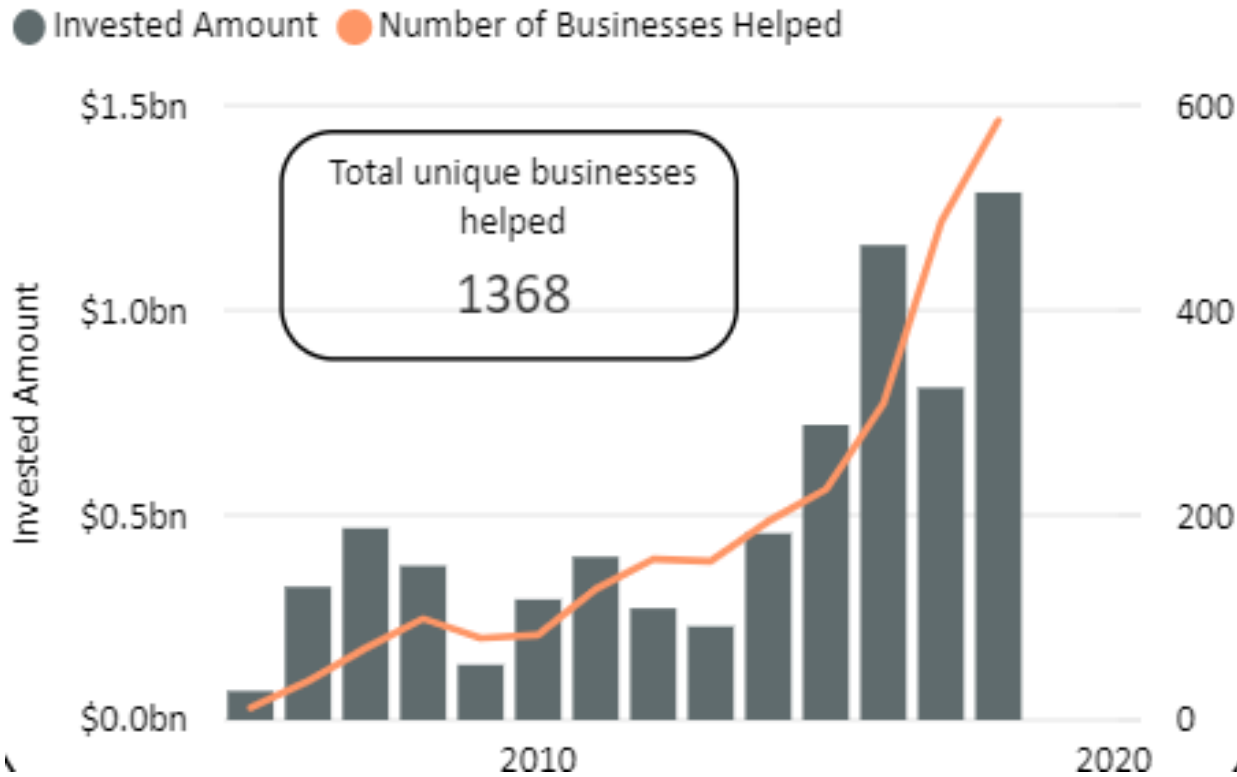
CRC Projects currently funded under the program



# Venture capital programs

## *Supporting innovative start-ups*

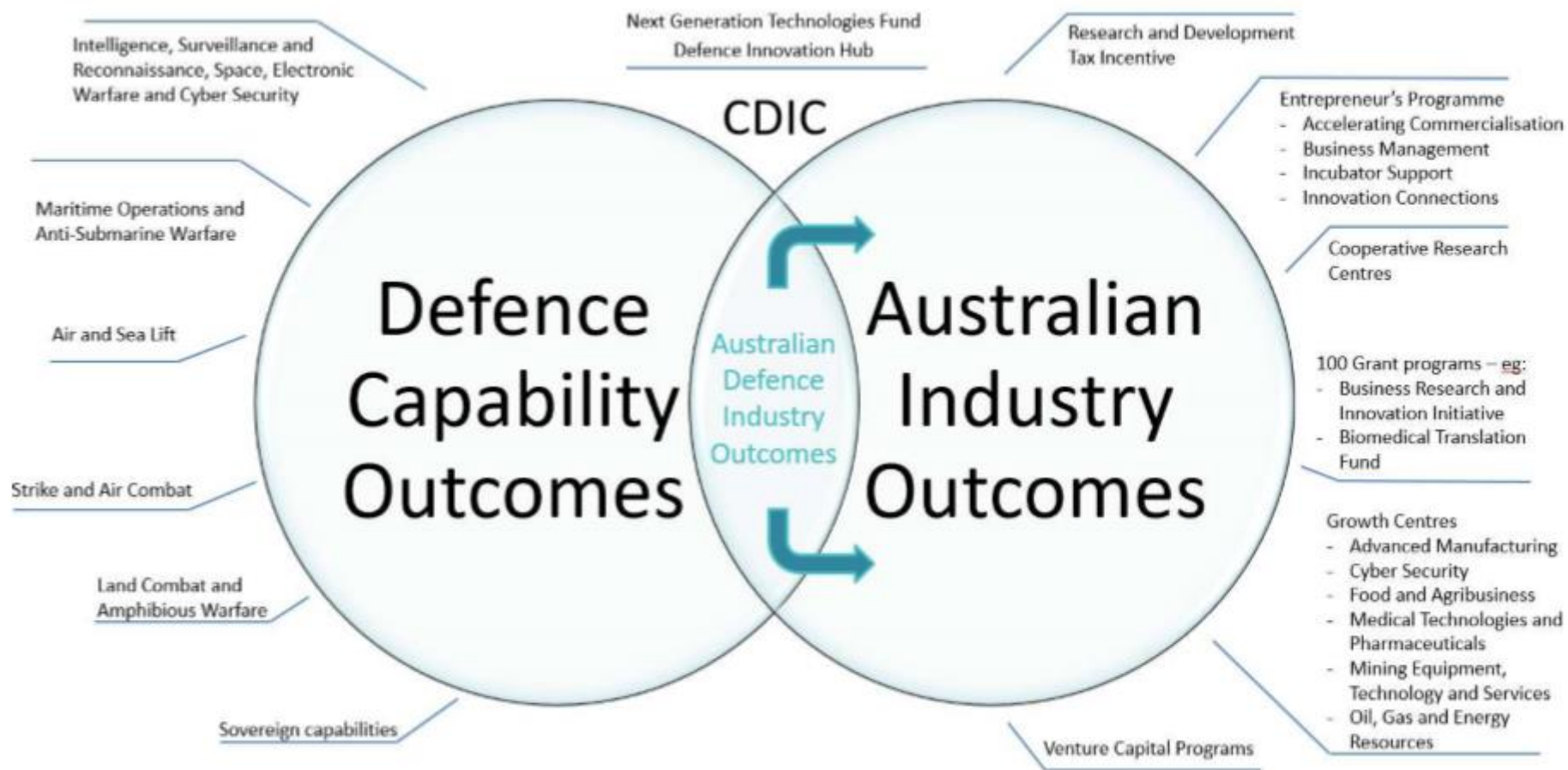
How much have Australian businesses been helped by tax concession programs yearly over the life of the program?





# Centre for Defence Industry Capability

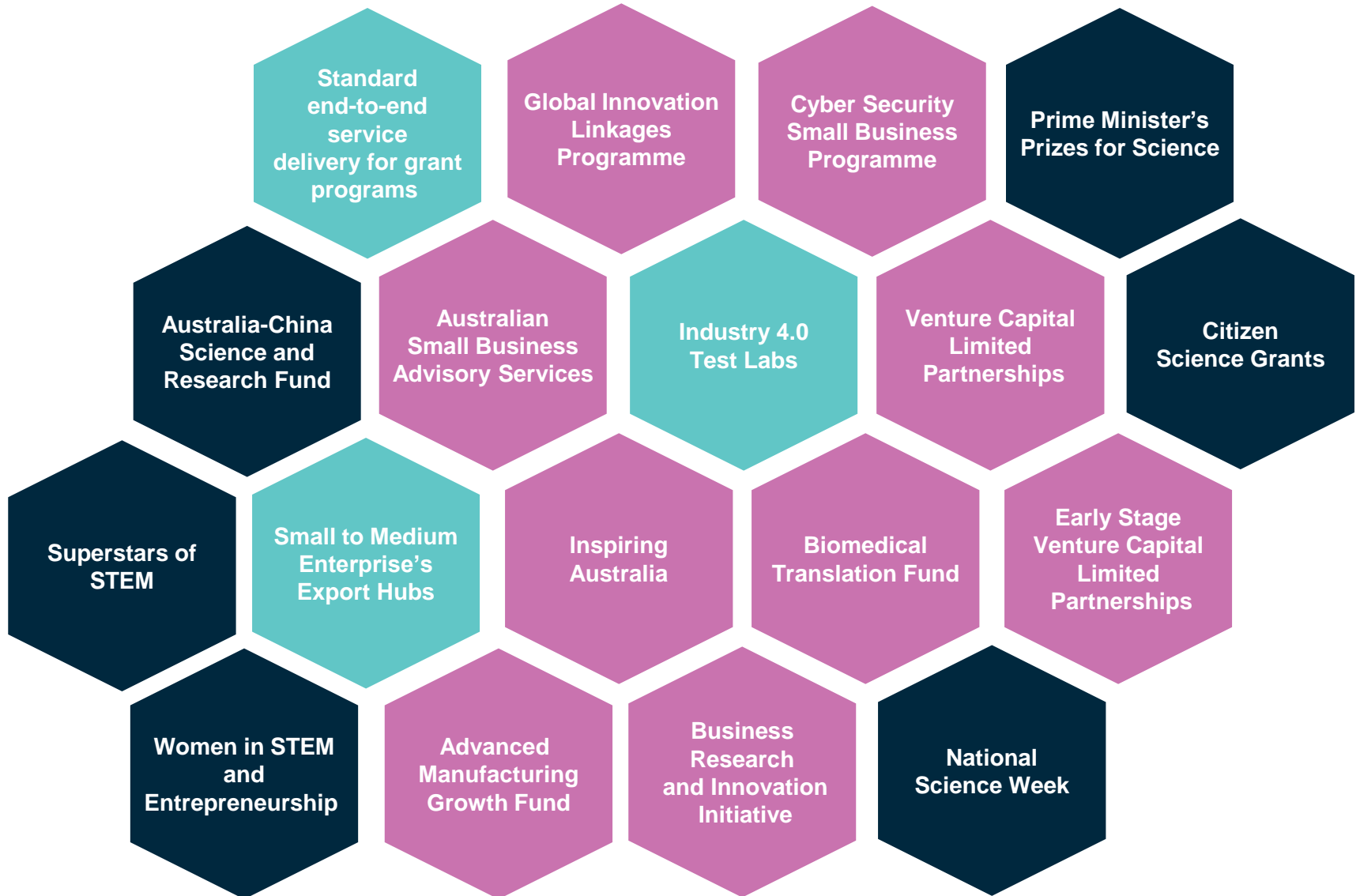
*Building defence capability through intelligent industry engagement*



CDIC's function is an economic force multiplier. It skilfully introduces broader business to targeted Defence opportunities and helps Defence industry apply their expertise and product in new environments and markets.

# AusIndustry

*Runs a range of other programs*





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# **Cooperative Research Centres Projects (CRC-Ps)**

Martin Dent

Department of Industry, Innovation and Science

# CRC Program Objectives

- To improve the competitiveness, productivity and sustainability of Australian industries, especially where Australia has a competitive strength, and in line with government priorities
- To foster high quality research to solve industry-identified problems through industry-led and outcome focused collaborative research partnerships between industry entities and research organisations
- To encourage and facilitate small and medium enterprises (SME) participation in collaborative research

# CRC and CRC Project streams

## CRCs

- Medium/long term - up to ten years
- Large collaborations  
(average 30-40 partners)
- No specified limit to funding  
(average grant is \$35-40 million)
- One two-stage round per year

## CRC Projects

- Short term – up to three years
- Small collaborations  
(average 5 partners)
- Maximum \$3 million per project  
(average grant is \$2 million)
- Two single-stage rounds per year

- Funded for a single, specified term
- Matching contributions required (can be in cash and in-kind)

# How to get involved:

## **CRCs**

- Approach existing CRCs (list published on [business.gov.au](http://business.gov.au)) with relevance to Defence
- A specific challenge within Defence could be identified and a collaboration could bring forward a proposal in a competitive round.

## **CRC Projects**

- Defence businesses are welcome to apply.

# CRC Case Studies



**CYBER SECURITY  
COOPERATIVE  
RESEARCH  
CENTRE**

## The Cyber Security CRC

- **Grant Funding (GST excl):** \$50,000,000
- **Term:** 7 years

The Cyber Security CRC will deliver solutions that increase the security of critical infrastructure and provide cyber security solutions that benefit businesses and their customers.



## SmartSat CRC

- **Grant Funding** \$55,000,000
- **Term:** 7 years

The SmartSat CRC will foster the creation of next generation space-technologies and make Australia more competitive in the global space economy by supporting the next wave of growth in critical Australian industries.

# CRC Project Case Studies



**Project 1: Hydrocarbon fuel technology for hypersonic air breathing vehicles.**

**CRC-P Grant: \$2,484,509**

**Total Project Value: \$9,474,798**

**Project 2: Additive manufacturing of energetic materials**

**CRC-P Grant: \$2,600,000**

**Total Project Value: \$6,107,000**

**Project 3: Responsive Access to Space**

**CRC-P Grant: \$2,989,000**

**Total Project Value: \$13,655,520**



# Next Funding Rounds

## CRCs:

Round 22 indicative timing

Stage 1 Open	Stage 1 Close	Stage 2 Open	Stage 2 Close	Outcomes Expected	Funding From
March 2020	June 2020	August 2020	September 2020	December 2020	July 2021

## CRC Projects:

- It is expected CRC Projects Round 9 will be opening early in the new year.

You should read the grant opportunity guidelines and factsheets before you apply.