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1

Org Name	Project Title	Project Description	Funding Start Date	Funding End Date	Grant Funding
University of Adelaide	RCP 15 Agricultural Product Development	The Agricultural Product Development program explores extracting valuable products from agricultural waste for commercial and industrial application, focussing on identifying and characterising carbohydrates and bio-actives from crop waste. The program builds collaborations between local businesses, international food companies, and researchers.	20/12/2018	31/07/2023	3,476,981
SA Museum	SA Museum (Inspiring SA)	Inspiring SA works collaboratively with scientists, government agencies, citizen scientist, arts organisations, universities, and industry to provide South Australians with opportunities to connect with, be involved in and excited about science, technology, engineering, maths and medicine (STEMM) and to improve scientific literacy.	31/10/2019	30/06/2020	120,000
Central Adelaide Local Health Network	SA Cell Matrix Service	The South Australian Cell Matrix Service Biospherix Facility will support the remodelling of SA Pathology, the provision of a clean room to house the Biospherix system, provide training to use the Biospherix system, and research reagents for islet isolation.	25/12/2019	31/12/2022	380,900
University of South Australia	Mask Testing Facility	Establishment of a testing facility at Mawson Lakes to assist, in the first instance, Detmold test their new face mask products (both P2/N95 masks and surgical Level 3 masks). This activity aligns with the South Australian Government's commitment to COVID-19 response and aims to enhance research collaborations with industry to address a public health need.	18/06/2020	15/06/2024	91,000
Flinders University	Flinders University (Mask Testing Facility)	Establishment of a testing facility at Mawson Lakes to assist, in the first instance, Detmold test their new face mask products (both P2/N95 masks and surgical Level 3 masks). This activity aligns with the South Australian Government's commitment to COVID-19 response and aims to enhance research collaboration with industry to address a public health need.	18/06/2020	15/06/2024	359,000
Defence SA	SmartSat Cooperative Research Centre	The SmartSat CRC is developing the know-how and technologies in advanced telecommunications and IoT connectivity, intelligent satellite systems, and Earth observation next generation data services. The CRC will build Australia's space industry through creation of the next generation of specialist professionals and establish a	29/07/2020	30/06/2027	600,000



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		nationally coordinated ecosystem of space research-industry collaboration.			
South Australian Space Industry Centre	SASIC Feasibility Study	The joint feasibility study between Myriota, Inovor, and Neumann supports space mission capability growth in South Australia and demonstrates to investors the potential of SA technology to power space payloads in future.	24/09/2020	30/09/2020	50,000
University of Adelaide	Australian Research Council Centre of Excellence for Dark matter particle physics	The ARC Centre of Excellence for Dark Matter Particle Physics brings together experts from across Australia and internationally to unlock the secrets of dark matter and foster the science and engineering leaders of the future. The Centre aims to extend physical models of particle physics, discover the nature of dark matter, and directly detect dark matter in Australia and at the Large Hadron Collider in CERN.	24/10/2020	30/06/2027	300,000
Department of Energy and Mining	Reliable, Affordable Clean Energy for 2030 Cooperative Research Centre	The RACE for 2030 CRC is leading collaborative research and innovation to reduce costs to businesses, enhance reliability, cut carbon emissions, improve energy affordability, and develop Australian energy technology businesses. The CRC aims to play a significant role in achieving Australia's target of reducing emissions by 43% by 2030 by driving innovation and accelerating the shift to a Reliable, Affordable and Clean Energy transition.	12/12/2020	30/06/2030	300,000
Department of Energy and Mining	Future Battery Industry Cooperative Research Centre	The Future Battery Industries CRC is enabling the growth of battery industries to ensure Australia plays a leading role in the global battery evolution. The CRC will expand Australia's battery minerals and chemicals production develop opportunities for specialist battery manufacturing support the deployment of batteries to households, communities and industry and optimise the circular economy for the use and re-use of battery systems.	12/12/2020	30/06/2025	150,000
University of South Australia	Australian Research Council Centre of Excellence for Enabling Eco-Efficient Beneficiation of Materials	The ARC Centre of Excellence for Enabling Eco-Efficient Beneficiation of Minerals is developing transformational technologies for enabling a competitive and environmentally sustainable future for Australia's minerals industry through a reduced environmental footprint, significant reductions in energy and water use and higher resources recovery. The Centre will transform the minerals industry, establishing a new generation of research leaders to support the innovation needed in creating a green economy for future generations.	13/02/2021	30/06/2027	300,000

STREAM  
1

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University of Adelaide	Growth State Virtual Fencing	The Virtual Fencing project will work towards the commercialisation of virtual fencing technology in South Australia. Researchers will work with industry and technology providers to investigate the animal welfare impact of virtual fencing technology, undertake in-field/on-farm trials, and work with stakeholders to adapt the technology to work with sheep.	22/06/2021	31/08/2023	1,000,000
University of Adelaide	Growth State Gene Drive	The SA genetic biocontrol technology hub aims to control invasive rodents using genetic technology' The project will apply genetic modification techniques, initially on mice, to validate the technology for controlling invasive pests that are causing agricultural and environmental damage.	23/06/2021	31/08/2025	1,000,000
Gnomix Pty Ltd	Gnomix- Clinical trial capabilities	Gnomix aims to expand capability for specialised clinical trials by introducing more automation and hiring additional staff particularly in the area of customised molecular genetic studies. This critical increase in capacity will be used by Gnomix to leverage larger contracts and feed future expansion.	21/07/2021	30/05/2022	100,000
BLISS Adelaide	BLISS Adelaide	The BLISS Adelaide Chapter provides a Networking for Collaboration symposium to be held on 2 September 2021 and 14 October 2021.	1/09/2021	10/12/2021	2,000
PBC Science Alive 2021	PBC Science Alive 2021	. Science Alive provides an opportunity to showcase the talent of some of the State's science, technology, engineering, mathematics, and medicine (STEMM) professionals in an effort to inspire the future STEMM workforce and leaders.	7/09/2021	10/12/2021	15,000
SA Museum	SA Museum (Inspiring SA No.2)	Inspiring SA works collaboratively with scientists, government agencies, citizen scientist, arts organisations, universities, and industry to provide South Australians with opportunities to connect with, be involved in and excited about science, technology, engineering, maths and medicine (STEMM) and to improve scientific literacy.	27/11/2021	30/06/2022	240,000
Adelaide Crows Foundation	Adelaide Crows Foundation STEM Footy	The STEM Footy program is a free 10-week program targeting year 7 students, offering over 30 hours of innovative in class learning programs. STEM Footy translates a love of AFL into an appreciation, understanding, and passion for the science and mathematics underlying the sport to deepen appreciation of STEM and increasing awareness of future career pathways.	20/12/2021	31/01/2023	100,000



STREAM  
1

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Smart Industry Alliance	SA Industry 4.0 Intelligent Manufacturing	The SA Industry 4.0 Intelligent Manufacturing Initiative is a pilot initiative assisting a cohort of small to medium (SME) manufacturers by supporting them to adopt new Industry 4.0 business models and technologies in collaboration with the University of South Australia and the Innovative Manufacturing Cooperative Research Centre.	18/01/2022	30/09/2022	92,427
Donnycarney Trust	SA Research and Development Leadership and Workforce Plan	The Science, Technology, Engineering, Mathematics, and Medicine (STEMM) Research and Development (R&D) Workforce Plan for South Australia addresses key 'gaps' in SA's R&D workforce relative to other jurisdictions (national and international). This work is based on a strong quantitative and qualitative analysis of the capacity and capability of SA's R&D workforce.	4/02/2022	4/11/2022	218,000
ZED Consulting & Associates Pty Ltd	Tell Your Story Just Once Now (TYSON)	TYSON (Tell Your Story Once Now) proposes a suite of reforms to the way human services are designed, delivered, and evaluated using the latest technologies to join data, predict outcomes, value outcomes, procure and pay for services and streamline access to service providers.	18/02/2022	31/07/2022	500,000
University of Adelaide	Australian Institute for Machine Learning (AIML) 2022 Extension	The Australian Institute for Machine Learning (AIML) conducts research and development in artificial intelligence, machine learning, computer vision and deep learning. AIML is also working to bridge the gap between research and industry and show how AI can lead to high growth for SMEs, which includes an AI engineering consulting program.	19/04/2022	31/07/2024	1,000,000
Flinders University	Aged Care Centre for Growth and Translational Research	The Aged Care Centre for Growth and Translation Research (now Aged Care Research and Industry Innovation Australia (ARIIA)) engages with Australia's aged care workforce, providers, researchers, and consumers to translate research that: supports better aged care outcomes; builds workforce capability; and develops innovative solutions for services. ARIIA is transforming the aged care sector with initiatives including grants, incubators, events, an innovator training program and an evidence-based knowledge hub.	24/06/2022	25/10/2024	600,000
Flinders University	Industry Doctoral Training Pilots (IDTC) - Flinders University	The IDTC program (Flinders University) will build pathways between industry and research for doctoral graduates. The program is cohort based, centred around two themes (Biomufacturing and Quantum), and is a collaboration between universities (including the University of South	24/06/2022	31/01/2027	420,000



STREAM  
1

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		Australia and the University of Adelaide) and industry sectors.			
University of South Australia	Industry Doctoral Training Pilots (IDTC) - University of South Australia	The IDTC program (University of South Australia) builds pathways between industry and research for doctoral graduates. The program is cohort based, centred around two themes (Biomanufacturing and Quantum), and is a collaboration between universities (including Flinders and the University of Adelaide) and industry sectors.	29/06/2022	31/01/2027	300,000
University of Adelaide	Industry Doctoral Training Pilots (IDTC) - University of Adelaide	The IDTC program (University of Adelaide) builds pathways between industry and research for doctoral graduates. The program is cohort based, centred around two themes (Biomanufacturing and Quantum), and is a collaboration between universities (including Flinders and the University of South Australia) and industry sectors.	29/06/2022	31/01/2027	1,080,000
Department of Energy and Mining	The Heavy Industry Low-carbon Transition Cooperative Research Centre Cooperative Research Centre	The Heavy Industry Low-Carbon Transition CRC is developing and demonstrating the technologies needed to transform Australia's heavy industry to compete in the low-carbon global economy. The CRC's research will result in decarbonisation technologies that can be commercialised and lead to carbon-neutral materials such as green iron, alumina, cement, and processed minerals.	4/07/2022	31/12/2024	600,000
Flinders University	Strathclyde Advanced Manufacturing Research Exchange (AMREx)	The Strathclyde Manufacturing Research Exchange establishes a program between the National Manufacturing Institute Scotland, operated by the University of Strathclyde, and Flinders University in conjunction with BAE Systems Australia – Maritime. The initiative will support global research collaborations and the undertaking of world-leading research in advanced manufacturing ship building technologies and work practices.	6/09/2022	30/06/2025	120,000
University of Adelaide	CNRS Research Exchange - University of Adelaide	The Adelaide-CNRS Research Mobility Scheme fosters strong scientific collaboration between the Centre National de la Recherche Scientifique (CNRS) and the University of Adelaide. The CNRS exchange will provide support for building long-term collaborations involving researchers from both countries working in priority areas to develop South Australia's capacity in those areas and growth in related industries.	9/09/2022	31/08/2026	120,000



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Department of Primary Industries and Regions	Marine Bioproducts Cooperative Research Centre	The Marine Bioproducts CRC aims to deliver high impact research and development for the growing Australian marine bioproducts industry, focusing on high value product generation. The CRC will develop new culture systems for seaweeds, microalgae and marine animals; develop advanced manufacturing technology to extract compounds from marine organisms; and produce high value products for export markets.	16/09/2022	30/06/2025	600,000
Department of Primary Industries and Regions	Fight Food Waste Cooperative Research Centre	The Fight Food Waste CRC is working to reduce food waste throughout the supply chain, transforming unavoidable waste into innovative high value products and engaging with industry and consumers to deliver behavioural change. Innovative technologies and practical support provided by the CRC also aims to fight food insecurity and minimise the impact on the ecosystems required to produce food.	16/09/2022	30/06/2025	300,000
University of Adelaide	Research Consortium Program 5 - Unlocking Complex Resources through Lean Processing - Variation 2023	The 'Unlocking complex processes through lean resourcing' project will develop supporting tools for integrating the entire mining value chain using machine learning, sensors, and data analytics to create technology solutions to optimise operations and making ore sustainable, while training the next generation of scientists and engineers.	15/01/2023	31/08/2024	470,000
Shalau Consulting	Industry Doctoral Training Pilots (IDTC) - Quantum Plus	The Industry Doctoral Training Centre (IDTC) Quantum PhD Plus Program is a series of 24 sessions augmenting the learning of doctoral students in the IDTC Pilot program. The sessions provide insights into the quantum industry, develop valuable technical skills, and provide opportunities to develop commercialisation plans and future career pathways.	15/03/2023	31/03/2027	100,000
Defence SA	The Centre of Excellence in Plants for Space	The Centre of Excellence in Plants for Space aims to create on-demand, zero-waste, high-efficiency plants and plant products to address grand challenges in sustainability for Space and on Earth. Projects will support establishing global research excellence in space and agriculture, to provide breakthroughs in the emergent field of plant processing, sustainability, and food production; and to develop nutritious food, on-demand supply of materials, and medicines for the next generation of space explorers.	16/06/2023	30/06/2030	600,000

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MTPC Biomanufacturing Plus	Industry Doctoral Training Pilots (IDTC) - MTPC Biomanufacturing Plus	The Industry Doctoral Training Centre (IDTC) Biomanufacturing PhD Plus Program is a series of 24 sessions augmenting the learning of doctoral students in the IDTC Pilot program. The sessions provide insights into the biomanufacturing industry, develop valuable technical skills, and provide opportunities to develop commercialisation plans and future career pathways.	19/06/2023	31/03/2027	100,000
South Australian Environment Protection Authority	Cooperative Research Centre for Solving Antimicrobial Resistance in Agribusiness, Food and Environments	SAAFE CRC is bringing an industry-facing, multi-sector, One Health response to solving the antimicrobial resistance challenges that are posing a growing threat. The CRC will address critical issues for the food and agribusiness industries by improving monitoring of and developing solutions for antimicrobial resistance, used both for human health and food production. SAAFE CRC will facilitate best practice antimicrobial resistance stewardship, in turn helping Australia expand and diversify export markets, strengthening biosecurity and protecting human health.	20/06/2023	30/06/2032	600,000
Department for Environment and Water	ONE Basin Cooperative Research Centre	The ONE Basin CRC is a focused collaboration developing policy, technical and financial solutions to support and reduce exposure to climate, water, and environmental threats in the Murray-Darling Basin. The CRC will grow the competitiveness and resilience of Australia's irrigation regions as a high value and sustainable source of food and fibre for the world.	20/06/2023	30/06/2032	300,000
University of Adelaide	Future Industry Making Fellows Scheme	The Future Industry Making Fellows Scheme covers the costs of securing globally recognised Fellows to the Australian Institute for Machine Learning and the Institute for Photonics and Advanced Sensing. Each Fellow will work closely with industry to build sovereign capability in critical technology areas.	20/06/2023	20/06/2023	450,000
SA Museum	SA Museum (Inspiring SA No.3)	Inspiring SA works collaboratively with scientists, government agencies, citizen scientist, arts organisations, universities, and industry to provide South Australians with opportunities to connect with, be involved in and excited about science, technology, engineering, maths and medicine (STEMM) and to improve scientific literacy.	27/09/2023	29/02/2024	80,000
Medical Device Partnering Program	Medical Device Partnering Program (MDPP)	The Medical Device Partnering Program (MDPP) develops collaborations between researchers, industry, end-users and government to develop cutting edge medical devices. MDPP	25/01/2024	30/06/2026	900,000



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		supports innovative medical and assistive technologies with an identified clinical need, sound technical solution, and viable market opportunities and provides a mechanism to develop proof of concept, prototyping, clinical evaluation and commercialisation planning.			
Australian Institute for Machine Learning (AIML)	AIML Industrial AI	The Industrial AI program will expand the core research capability and capacity of the Australian Institute for Machine Learning, maintaining and strengthening South Australia's leadership position in Industrial AI applications.	09/04/2024	30/11/2029	6,000,000
SA Museum	SA Museum (Inspiring SA No.4)	Inspiring SA works collaboratively with scientists, government agencies, citizen scientist, arts organisations, universities, and industry to provide South Australians with opportunities to connect with, be involved in and excited about science, technology, engineering, maths and medicine (STEMM) and to improve scientific literacy.	28/05/2024	31/08/2027	370,000
Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Integration of RiAus publication assets into CSIRO Publishing	The Royal Institution of Australia (RiAus) is a science publishing and communications organisation providing programs such as the Cosmos Magazine and RiAus Education. In 2023, RiAus's reached 22 million people globally, 51% in Australia including 650,000 Australian school students. The funding supports the transition and integration of Royal Institution of Australia (RiAus) publication assets into CSIRO Publishing.	01/10/2024	31/01/2025	500,000
Australian Institute for Machine Learning (AIML)	Centre for Responsible AI Research (RAIR)	The National Research Centre for Responsible AI combines the expertise of AIML and CSIRO Data61 to focus on developing algorithms, guidelines, systems and case studies needed to create AI that promotes human values and trust, addressing fundamental responsible AI problems at sufficient scale to have national and international impact.	20/06/2024	30/11/2029	5,000,000
McLaren Vintners	Implementation of Real-Time Cloud-Based Temperature and Fermentation Control System for 95 Stainless Steel Wine Storage Tanks	McLaren Vintners seeks to implement Frigid, a real-time cloud-based temperature and fermentation control system, across 95 stainless steel wine storage tanks. This project will enhance product quality, improve operational efficiency, and reduce energy consumption, aligning with South Australia's Advanced Manufacturing Strategy.	5/06/2025	31/01/2026	50,000
Macro Group Australia (MGA)	Manufacturing Technology Adoption Program - Enhancing Manufacturing	Refrigeration is crucial for storing and transporting wild game between harvesting and processing, to ensure food safety and quality. The project integrates IoT for real-time temperature monitoring, optimizing electricity use, and	10/06/2025	31/01/2026	48,838

STREAM  
1



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	Efficiency: IoT in Cold Chain Logistics	predictive maintenance, enhancing efficiency and reducing wastage in cold chain logistics.			
ATi Laboratories	Manufacturing Technology Adoption Program - ATi Nex Gen Implant Prosthetics	The project will increase the speed of implant prosthetics manufacturing, improve the management of tissue shrinkage, reduce clinical time and complexity, and enhance implant cleaning and durability through the use of AI-enhanced design, additive-manufacturing, rapid-sintering and acrylic processing	10/06/2025	31/01/2026	50,000
Foil Drive	Manufacturing Technology Adoption Program - Ultra-high resolution hydrodynamic propellor and jet unit design and prototyping	Implementing new additive manufacturing technologies, the project will onshore advanced hydrodynamic jet unit development and propulsion testing. This new equipment emulates the output of expensive injection moulding tools accurately to produce larger scale produce working prototypes before investing in injection moulds.	11/06/2025	31/01/2026	18,298
PakPot	Manufacturing Technology Adoption Program - Smart data manufacturing 2025	PakPot will implement smart factory technology to deliver Industry 4.0, IoT, and AI into its manufacturing operations to enhance real-time production monitoring, streamline workflow automation, and improve data-driven decision-making. This will enable the continued development of innovative packaging solutions for the fast-moving consumer goods (FMCG) sector, boost productivity and reduce waste.	11/06/2025	31/01/2026	50,000
MyModular	Manufacturing Technology Adoption Program - Automated Manufacturing of Electrical Connectors	MyModular will utilise collaborative robots (cobots) and the company's in-house plastic injection moulding machine to automate portions of the manufacturing of new electrical connectors. These cobots will be able to ensure consistent quality and deliver cost savings.	11/06/2025	31/05/2026	50,000
Silver Fleece	Manufacturing Technology Adoption Program - Advanced Manufacturing and Industry 4.0 Integration	Silver Fleece is integrating advanced manufacturing technologies to revolutionise textile production with Industry 4.0 solutions, implementing new 3D Knitting Machines and software. By using AI-driven design tools, intelligent automation, and real-time data analytics, the project aims to increase production speed, reduce lead times, and minimise fabric waste.	12/06/2025	31/03/2026	50,000
Gelista	Manufacturing Technology Adoption Program - Clean In Place (CIP) Automation	By implementing Clean In Place (CIP) Automation, Gelista will reduce water and cleaning product use, meet new export requirements, and improve occupational health and safety.	12/06/2025	30/06/2025	50,000

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1



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Inovor Technologies	Manufacturing Technology Adoption Program - Helmholtz Cage	The development of an in-house Helmholtz cage will enable Inovor Technologies to evaluate and calibrate satellite subsystems and components prior to launch, thereby increasing the speed of new product development, and improving productivity and competitiveness.	23/06/2025	30/06/2026	50,000
Bickford's Australia	Manufacturing Technology Adoption Program - AI-Driven Retail Optimisation Platform (BickBot)	The AI-Driven Retail Optimisation Platform (BickBot) project leverages AI to enhance sales operations, optimise strategies, improve customer engagement, and boost productivity. Expected outcomes include reduced call times, increased sales frequency, enhanced cross-selling, improved customer satisfaction, and increased manufacturing productivity.	25/06/2025	31/01/2026	50,000

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Government  
of South Australia

Department of  
State Development