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Cooperative Research Centres (CRC) Program CRCs over time

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BACKGROUND

The Cooperative Research Centres (CRC) Program was officially launched in 1990 with the first CRCs established in 1991. Since then 221 CRCs have been funded by the Australian Government which has committed more than \$4.4 billion in CRC Program funding with a further \$13.5 billion in cash and in-kind contributions from CRC Participants.

The CRC Program is a competitive, merit based program that supports industry led collaborations between industry, researchers, business and the community to address major challenges facing Australia, many of which are global challenges.

The CRC Program encourages participation from a diverse range of organisations to maximise the potential for innovative outcomes.

Participating organisations include:

- universities and research institutions;
- businesses from multinational corporations to small and medium enterprises;
- governments at all levels;
- international partners; and
- not-for-profit organisations, Industry and community associations.

Through the CRC Program, new technologies, products and services are being developed, new and global markets are being accessed, and by investing in research and development, businesses are increasing their income, competitiveness and productivity. CRCs are building capability and capacity for industry through targeted education and training activities.

The CRC Program has been evaluated several times since it was established. After each evaluation, the Government of the day has renewed its commitment to funding of the program, sometimes with changes to the objectives and features of the program. The following summary details ALL of the CRCs funded since 1991 including their name, period, funding amount, objective and previous iterations.

For further information on the CRC Program contact:

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List of All CRCs over time

CRC	Period	Funding (\$m)	Objective	Previous Iterations
221 – Digital Health CRC	2018-2025	55.00	To improve the health and healthcare of Australians through collaborative R&D that combines clinical expertise, data and information telecommunications technologies to empower consumers.	N/A
220 – Future Fuels CRC	2018-2025	26.25	To transition energy infrastructure to a low-carbon economy using fuels such as hydrogen and biogas.	N/A
219 – Fight Food Waste CRC	2018-2028	30.00	To reduce food waste throughout the supply chain, transform unavoidable waste into innovative high-value co-products and engage with industry and consumers to deliver behavioural change.	N/A
218 – MinEx CRC	2018-2028	50.00	To create new opportunities for mineral discovery by delivering: more productive, safer and environmentally friendly drilling methods; new technologies for collecting data while drilling and exploration data on never before sampled deposits.	N/A
217 – Cyber Security CRC	2018-2024	50.00	To deliver solutions that increase the security of critical infrastructure and provide cyber security solutions that benefit businesses and their customers.	N/A
216 – iMove CRC	2017-2027	55.00	To develop new products that provide real-time, end-to-end visibility of the transport network. This will result in better predictive capability, eliminate network downtime and offer scalable solutions and improve Australia's competitiveness in the global network management market.	N/A
215 – Food Agility CRC	2017-2027	50.00	To deliver commercial value and build capability across the food value chain and develop and use digital technologies including models for sharing data across the food value chain.	N/A
214 – CRC for High Performance Soils	2017-2027	39.50	To address the critical barriers to high performance soils by developing real solutions, with a focus on how these solutions can be adopted throughout the farming community. It will co-create with farmers, industry and researchers a suite of practical solutions for on-farm application by farmers.	N/A
213 – CRC for Honey Bee Products	2017-2022	7.00	To resolve industry problems that are limiting both the value and expansion of the Australian honey bee products industry. It also proposes to develop bee disease insurance policies that seek to address a major global threat to the industry.	N/A
212 – CRC for Developing Northern Australia	2017-2027	10.00	To increase the competitiveness and productivity of industry in Northern Australia to develop research across the food, tropical health and Agriculture sectors.	N/A
211 – Innovative Manufacturing CRC	2015-2022	40.00	To accelerate Australia's rapid transition into high value, high knowledge-based manufacturing through leadership, support and facilitation of innovative manufacturing organisations and entrepreneurs as the visible leaders of the manufacturing sectors of the future.	N/A
210 – CRC for Optimising Resource Extraction	2015-2021	34.45	To develop an advanced manufacturing approach for mining; targeting operational inefficiencies, reducing energy use, and enabling economic recovery of lower-grade ore deposits.	No. 183 – CRC for Optimising Resource Extraction – 2010-2015

CRC	Period	Funding (\$m)	Objective	Previous Iterations
209 - Antarctic Climate and Ecosystems CRC	2014-2019	25.00	To address key scientific questions, including how Antarctica drives global climate, and how the pace and nature of change will affect the wellbeing and economic interests of Australians.	<i>No. 171 - Antarctic Climate and Ecosystems CRC - 2010-2014</i> <i>No. 134 - CRC for Antarctic Climate & Ecosystems - 2003-2010</i> <i>No. 63 - CRC for Antarctica and the Southern Ocean - 1997-2003</i> <i>No. 1 - CRC for the Antarctic and Southern Ocean Environment - 1991-1997</i>
208 - The Lowitja Institute Aboriginal and Torres Strait Islander Health CRC	2014-2019	25.00	To address the major challenge of closing the health gap by producing knowledge, tools and resources that can be used to enhance positive health outcomes for Aboriginal and Torres Strait Islander people.	<i>No. 178 - CRC for Aboriginal and Torres Strait Islander Health - 2010-2014</i> <i>No. 124 - CRC for Aboriginal Health - 2003-2010</i> <i>No. 66 - CRC for Aboriginal and Tropical Health - 1997-2003</i>
207 - Rail Manufacturing CRC	2014-2020	31.00	To develop products, technologies and supply chain networks to increase the capability and globally competitive position of the rail industry.	N/A
206 - CRC for Sheep Industry Innovation	2014-2019	15.50	To enhance sheep wellbeing and productivity, value-based trading of sheep meat and deliver affordable technologies to transform the Australian sheep industry.	<i>No. 163 - CRC for Sheep Industry Innovation - 2007-2014</i> <i>No. 120 - Australian Sheep Industry CRC 2001-2008</i>
205 - Capital Markets CRC	2014-2019	32.35	To conduct applied research that will enhance capital market integrity and efficiency.	<i>No. 161 - Capital Markets CRC - 2007-2014</i> <i>No. 114 - Capital Markets CRC - 2001-2006</i>
204 - Space Environment CRC	2014-2019	19.83	To monitor, analyse and manage space debris and develop new technologies and strategies to preserve the space environment for the benefit of Australia.	N/A
203 - CRC for Cancer Therapeutics	2014-2020	34.01	To build on the drug-discovery engine it has already created to discover effective new drugs for major cancers and improve the lives of Australian children with cancer through tailored and personalised treatment.	<i>No. 164 - CRC for Cancer Therapeutics - 2007-2014</i>
202 - Data to Decisions CRC	2014-2019	25.00	To develop robust tools to maximise the benefits that Australia's defence and national security sector can extract from big data to reduce national security threats.	N/A
201 - The Hearing CRC	2014-2019	28.00	To develop new devices, therapies and service delivery models to improve the prevention, detection and remediation of hearing disorders.	<i>No. 169 - The Hearing CRC - 2007-2014</i> <i>No. 89 - CRC for Cochlear Implant and Hearing Aid Innovation - 1999-2007</i> <i>No. 24 - CRC for Cochlear Implant, Speech and Hearing Research - 1992-1999</i>
200 - Bushfire and Natural Hazards CRC	2013-2021	47.00	To conduct research to reduce the risks from bushfire and natural hazards; reduce the costs of disasters; contribute to the national disaster resilience agenda; build research capacity and capability; and enable Australian SMEs to be innovative in natural hazard products and services.	N/A

CRC	Period	Funding (\$m)	Objective	Previous Iterations
199 - CRC for Alertness, Safety and Productivity	2013-2020	14.48	To develop new tools and products to improve alertness, increase productivity and enhance safety, to boost productivity and lower health system costs by reducing the incidence of motor vehicle and workplace accidents and errors.	N/A
198 - CRC for Cell Therapy Manufacturing	2013-2019	20.00	To increase the affordability and accessibility of cell therapies and position Australia in the vanguard of cell therapy manufacture.	N/A
197 - CRC for Living with Autism Spectrum Disorders	2013-2021	31.00	To undertake innovative research to directly improve the lifetime prospects of individuals with Autism Spectrum Disorders (ASD); provide guidance, support and direction for their families; and enable medical practitioners, educators, therapists, support workers and employers to work effectively with people with ASD.	N/A
196 - CRC for Polymers	2012-2017	14.50	To establish Australian manufacturing as a leading provider and exporter of products that meets emerging global needs in three areas: health therapies and delivery; water and food security; and low-cost solar energy, using enabling and sustainable advanced polymer technology.	No. 150 - CRC for Polymers - 2005-2012 No. 84 - CRC for Polymers - 1999-2005 No.27 - CRC for Polymers - 1992-1999
195 - CRC for Water Sensitive Cities	2012-2021	30.00	To deliver the socio-technical urban water management solutions, education and training programs, and industry engagement required to make towns and cities water sensitive.	N/A
194 - Automotive Australia 2020 CRC	2012-2017	26.00	To tackle the complex problems that currently impede the uptake of low emission vehicles worldwide, such as the technological and social barriers to the uptake of gaseous fuels in cars and trucks, and producing greener vehicles and components more competitively.	No. 158 - CRC for Advanced Automotive Technology - 2005-2012
193 - CRC for Low Carbon Living	2012-2019	28.00	To provide government and industry with technological and policy tools to overcome identified market barriers which are preventing the adoption of cost effective low carbon products and services.	N/A
192 - Invasive Animals CRC	2012-2017	19.70	To counteract the environmental, social and economic impacts of invasive animals through the development and application of new technologies and by integration of strategic pest management approaches across agencies and jurisdictions.	No. 156 - Invasive Animals CRC - 2005-2012 No. 104 - CRC for Biological Control of Pest Animals - 1999-2005 No. 32 - CRC for Biological Control of Vertebrate Pest Population - 1992-1999
191 - Plant Biosecurity CRC	2012-2018	29.65	To develop and deploy knowledge and tools to provide the scientific support essential for safeguarding Australia from the economic, environmental and social consequences of damaging pest incursions.	No. 149 - CRC for National Plant Biosecurity - 2005-2012
190 - CRC for Mental Health	2011-2018	23.11	To undertake research to identify and validate biomarkers for the early detection and treatment of neurodegenerative disorders (eg Alzheimer's and Parkinson's) and psychoses (eg schizophrenia and mood disorders).	N/A
189 - CRC for Contamination Assessment and Remediation of the Environment	2011-2020	29.10	To undertake research, develop technologies and provide policy guidance for assessing, cleaning up and preventing contamination of soil, water and air.	No. 157 - CRC for Contamination Assessment and Remediation of the Environment - 2005-2011

CRC	Period	Funding (\$m)	Objective	Previous Iterations
188 - Young and Well CRC	2011-2016	27.46	To explore the role of technology in young people's lives and to address the challenge of how it can be used to improve the mental health and wellbeing of young people aged 12 to 25.	N/A
187 - CRC for High Integrity Australian Pork	2011-2019	19.86	To address the major challenge the Australian pork industry's faces in maintaining local production of high quality food for a reasonable price without negatively impacting pig welfare, the environment, or the health of the consumer.	No. 152 - CRC for an Internationally Competitive Pork Industry - 2005-2011
186 - Bushfire CRC	2010-2014	15.00	To undertake specific research tasks arising from the 2009 Victorian Bushfires Royal Commission. Extensive research after the fires found the community did not fully understand the risk it faced and did not always act in ways anticipated by emergency agencies.	No. 144 - Bushfire CRC - 2003-2010
185 - CRC for Advanced Composite Structures	2010-2015	14.00	To embed Australian composites industry small and medium enterprises (SMEs) into global supply chains by attracting multinational businesses, undertaking collaborative research with Australian researchers and SMEs, and building reliance on Australia's proven capability for major technological advancement.	No. 132 - CRC for Advanced Composite Structure - 2003-2010 No. 68 - CRC for Advanced Composite Structure - 1997-2003 No. 13 - CRC for Aerospace Structures - 1991-1997
184 - Vision CRC	2010-2015	27.00	To deliver innovative solutions to common eye conditions such as myopia, presbyopia and hyperopia. The CRC is also developing effective models for sustainable eye care systems in Indigenous and developing communities.	No. 136 - Vision CRC - 2003-2010 No. 77 - CRC for Eye Research and Technology - 1997-2003 No. 11 - CRC for Eye Research and Technology - 1991-1997
183 - CRC for Optimising Resource Extraction	2010-2015	17.50	To transform the methods used by Australia's mining and minerals industry to evaluate and extract mineral deposits. The CRC will develop technology which will enable selective mining in high tonnage operations with potentially a significant reduction in capital expenditure and energy consumption.	N/A
182 - Wound Management Innovation CRC	2010-2018	37.93	To improve wound healing and provide quality-of-life for people with wounds and cost-effective wound care that lessens the burden on the health system.	N/A
181 - CRC for Remote Economic Participation	2010-2017	32.50	To deliver solutions that address social and economic disadvantage in remote Australia and contribute to the Australian Government's national 'Closing The Gap' priority policy, which aims to halve the unemployment, welfare and other differences between Aboriginal people in remote areas and the rest of Australia.	N/A
180 - Dairy Futures CRC	2010-2016	27.72	To develop new approaches to selective breeding of both pasture and cattle to build a more resilient and profitable dairy industry.	No. 109 - CRC for Innovative Dairy Products - 2001-2009
179 - Oral Health CRC	2010-2018	30.25	To undertake research to address the substantial national economic and social burden of oral disease and disorders. The research will include the development of early diagnostics, new preventative strategies and products and oral health promotion programs.	No. 133 - CRC for Oral Health Science - 2003-2010

CRC	Period	Funding (\$m)	Objective	Previous Iterations
178 - CRC for Aboriginal and Torres Strait Islander Health	2010-2014	21.14	To address the major challenge of closing the health gap by producing knowledge, tools and resources that can be used to enhance positive health outcomes for Aboriginal and Torres Strait Islander people.	<i>No. 208 - The Lowitja Institute Aboriginal and Torres Strait Islander Health CRC - 2014-2019</i> <i>No. 124 - CRC for Aboriginal Health - 2003-2010</i> <i>No. 66 - CRC for Aboriginal and Tropical Health - 1997-2003</i>
177 - Deep Exploration Technologies CRC	2010-2018	28.00	To develop new technologies to explore to greater depths in the vast areas of Australia's deep covered prospective basement. The reduction in the mineral resources inventory due to high production rates and low mineral exploration success is a significant challenge to the future of Australia's minerals industry.	<i>N/A</i>
176 - Poultry CRC	2010-2017	27.00	To conduct research and drive education and training to help Australia's poultry industry achieve sustainable, ethical poultry production in the face of population growth and climate change.	<i>No. 140 - CRC for the Australian Poultry Industries - 2003-2010</i>
175 - Energy Pipelines CRC	2010-2019	17.48	To provide the Australian energy pipeline industry with the technology necessary to extend the life of the existing ageing natural gas transmission network and to build the new networks necessary to support increased demand for natural gas.	<i>N/A</i>
174 - CRC Mining	2010-2014	10.75	To reduce energy consumption at all stages of mining by focussing on technologies associated with mining processes in rock fragmentation, digging and transport.	<i>No. 141 - CRC Mining - 2003-2010</i> <i>No. 65 - CRC for Mining Technology and Equipment - 1997-2003</i> <i>No. 8 - CRC for Mining Technology and Equipment - 1991-1996</i>
173 - CRC for Greenhouse Gas Technologies	2010-2014	18.55	To develop carbon capture and storage technology to reduce emissions through the capture of carbon dioxide.	<i>No. 139 - CRC for Greenhouse Gas Technologies - 2003-2010</i> <i>No. 72 - Australian Petroleum CRC - 1997-2003</i> <i>No. 6 - Australian Petroleum CRC - 1991-1997</i>
172 - CRC for Spatial Information	2010-2018	32.19	To create a coordinated national network of satellite system reference stations; undertake research into the establishment of an Australian and New Zealand spatial information market place; and automate the production of essential spatial information products and combine existing data stores with the rapidly increasing stream of data from earth observation satellites.	<i>No. 137 - CRC for Spatial Information - 2003-2010</i>
171 - Antarctic Climate and Ecosystems CRC	2010-2014	25.00	To investigate the critical scientific uncertainties that limit Australia's and the global community's ability to respond effectively to climate change. This research addresses the major challenges highlighted by the Intergovernmental Panel on Climate Change.	<i>No. 209 - Antarctic Climate and Ecosystems CRC - 2014-2019</i> <i>No. 134 - CRC for Antarctic Climate & Ecosystems - 2003-2010</i> <i>No. 63 - CRC for Antarctica and the Southern Ocean - 1997-2003</i> <i>No. 1 - CRC for the Antarctic and Southern Ocean Environment - 1991-1997</i>

CRC	Period	Funding (\$m)	Objective	Previous Iterations
170 - Advanced Manufacturing CRC	2007-2014	35.00	To create Australian owned intellectual property in the areas of advanced materials and next generation manufacturing processes.	N/A
169 - The Hearing CRC	2007-2014	28.00	To reduce the impact of hearing loss by maximising lifelong hearing retention; reducing loss of productivity due to hearing loss; increasing uptake and use of hearing technology; and providing postgraduate and professional education and training.	No. 201 - The Hearing CRC - 2014-2019 No. 89 - CRC for Cochlear Implant and Hearing Aid Innovation - 1999-2007 No. 24 - CRC for Cochlear Implant, Speech and Hearing Research - 1992-1999
168 - CRC for Biomarker Translation	2007-2014	30.59	To develop antibodies directed against therapeutic and diagnostic targets (biomarkers) that plays a key role in major diseases, including autoimmune diseases (especially rheumatoid arthritis) and cancers (haematological, colorectal, breast and prostate).	No. 105 - CRC for Diagnostics - 2001-2007 No. 54 - CRC for Diagnostic Technologies - 1995-2001
167 - CRC for Rail Innovation	2007-2014	21.00	To develop valuable knowledge, resources and solutions for the rail industry and communities to problems such as safety and security, workforce development and urban rail access.	No. 107 - CRC for Railway Engineering and Technologies - 2001-2007
166 - Future Farm Industries CRC	2007-2014	34.12	To develop innovative farming systems and new perennial plant species and cultivators that improves productivity through effective water use and maintaining ground cover.	No. 106 - CRC for Plant-based Management of Dryland Salinity - 2001-2007
165 - Seafood CRC	2007-2015	35.52	To assist the seafood industry to profitably deliver safe, high-quality, nutritious Australian seafood products to premium markets, domestically and overseas.	N/A
164 - CRC for Cancer Therapeutics	2007-2014	34.01	To discover, protect and develop small molecules into pre-clinical drug candidates with high commercial potential. These candidates are chosen for their ability to better target cancer cells, improve clinical outcomes and produce large healthcare system efficiencies.	No. 203 - CRC for Cancer Therapeutics - 2014-2020
163 - CRC for Sheep Industry Innovation	2007-2014	35.50	To improve productivity and meat quality in the sheep industry.	No. 206 - CRC for Sheep Industry Innovation - 2014-2019 No. 120 - Australian Sheep Industry CRC - 2001-2008
162 - Smart Services CRC	2007-2014	29.55	To create new and improved services for industry to enable customers to receive affordable and easily personalised, continuous service from businesses, irrespective of their world-wide location, and which instantly adjusts for any mobile or fixed device they use.	No. 111 - CRC for Smart Internet Technology - 2001-2008
161 - Capital Markets CRC	2007-2014	26.30	To conduct applied research that will enhance capital market integrity and efficiency.	No. 205 - Capital Markets CRC - 2014-2019 No. 114 - Capital Markets CRC - 2001-2006
160 - Environmental Biotechnology CRC	2010-2012	4.00	To advance environmental biotechnology by utilising demonstrated concepts using biofilms, granulation of bacteria, improved anaerobic digestion and methods for bacterial contamination detection at remote sites.	No. 143 - Environmental Biotechnology CRC - 2003-2010 No. 76 - CRC for Waste Management and Pollution Control Ltd - 1997-2003 No. 9 - CRC for Waste Management and Pollution Control - 1991-1997
159 - CRC for Infrastructure and Engineering Asset Management	2010-2013	12.00	To create and implement integrated engineering asset management systems and know how.	No. 131 - CRC for Integrated Engineering Asset Management - 2003-2010

CRC	Period	Funding (\$m)	Objective	Previous Iterations
158 - CRC for Advanced Automotive Technology	2005-2012	38.70	To deliver smarter, safer, cleaner manufacturing and vehicle technologies with a clear objective to commercialise those new technologies and to grow the skill base of the Australian industry.	No. 194 - Automotive Australia 2020 CRC - 2012-2017
157 - CRC for Contamination Assessment and Remediation of the Environment	2005-2011	27.00	To develop solutions to overcome and prevent contamination of soil, water and air.	No. 189 - CRC for Contamination Assessment and Remediation of the Environment - 2011-2020
156 - Invasive Animals CRC	2005-2012	29.64	To develop and apply new technologies and integrate strategic pest management approaches.	No. 192 - Invasive Animals CRC - 2012-2017 No. 104 - CRC for Biological Control of Pest Animals - 1999-2005 No. 32 - CRC for Biological Control of Vertebrate Pest Population - 1992-1999
155 - Cotton Catchment Communities Cooperative Research Centre	2005-2012	26.50	To facilitate the world's best practice in production, environmental and catchment management practices, including research to increase yield and fibre quality and to improve social and economic conditions in cotton communities.	No. 101 - Australian Cotton CRC - 1999-2005 No. 47 - CRC for Sustainable Cotton Production - 1993-1997
154 - Parker CRC for Integrated Hydrometallurgy Solutions	2005-2012	20.00	To undertake research into the use of aqueous solutions to recover economically valuable minerals for the alumina, base metals, gold and uranium mining industries.	No. 94 - AJ Parker CRC for Hydrometallurgy - 1999-2005 No. 18 - AJ Parker CRC for Hydrometallurgy - 1992-1999
153 - eWater CRC	2005-2012	40.25	To seek economic, commercial and environmental outcomes from smart water use and management.	No. 80 - CRC for Catchment Hydrology - 1999-2005 No. 30 - CRC for Catchment Hydrology - 1992-1999
152 - CRC for an Internationally Competitive Pork Industry	2005-2011	23.81	To develop better grains and grains processing methods and systems to enhance the efficiency of production and quality of pork.	No. 187 - CRC for High Integrity Australian Pork - 2011-2019
151 - CRC for Beef Genetic Technologies	2005-2012	30.00	To increase the competitiveness of Australian beef businesses.	No. 83 - CRC for Cattle and Beef Quality - 1999-2005 No. 41 - CRC for the Cattle and Beef Industry - 1993-1999
150 - CRC for Polymers	2005-2012	32.00	To deliver the technically advanced polymeric materials and polymer engineering required to transform Australian industries and to establish and expand companies in emerging high-growth areas of the economy.	No. 196 - CRC for Polymers - 2012-2017 No. 84 - CRC for Polymers - 1999-2005 No.27 - CRC for Polymers - 1992-1999
149 - CRC for National Plant Biosecurity	2005-2012	33.50	To provide underpinning biosecurity science on harmful pests and diseases that can impact on food safety and security, trade, market access, market development and, ultimately, the profitability and sustainability of plant industries.	No. 191 - Plant Biosecurity CRC - 2012-2018
148 - CAST Cooperative Research Centre	2005-2012	33.50	To work with the Australian metal manufacturing sector to create business opportunities and improve processes to reduce costs and increase productivity.	No. 102 - CRC for CAST Metals Manufacturing - 1999-2005 No. 49 - CRC for Alloy and Solidification Technology - 1992-1998
147 - CRC for Asthma and Airways	2005-2012	26.44	To discover and develop novel therapeutic and diagnostic products for the benefit of all asthmatics and to improve air quality standards to reduce the risk of exposure to the triggers of chronic airway conditions.	No. 95 - CRC for Asthma - 1999-2005
146 - CRC for Biomedical Imaging Development	2005-2012	21.47	To develop and commercialise novel radiopharmaceutical tracers for use in the human body and develop more sensitive and better detection equipment.	N/A

CRC	Period	Funding (\$m)	Objective	Previous Iterations
145 - CRC for Forestry	2005-2013	26.60	To drive innovation for increased profitability in a rapidly changing environment, and underpin the management of native forests and plantations to enhance environmental services such as biodiversity, carbon sequestration, water quality and yield.	<i>No. 64 - CRC for Sustainable Production Forestry - 1997-2005</i> <i>No. 5 - CRC for Temperate Hardwood Forestry - 1991-1997</i>
144 - Bushfire CRC	2003-2010	28.85	To enhance the management of the bushfire risk to the community in an economically and ecologically sustainable manner.	<i>No. 186 - Bushfire CRC - 2010-2014</i>
143 - Environmental Biotechnology CRC	2003-2010	19.50	To establish environmental biotechnology as a mainstream sector in the biotechnology industry using natural and existing bioprocesses and biologically-based environmental processes.	<i>No. 160 - Environmental Biotechnology CRC - 2010-2012</i> <i>No. 76 - CRC for Waste Management and Pollution Control Ltd - 1997-2003</i> <i>No. 9 - CRC for Waste Management and Pollution Control - 1991-1997</i>
142 - CRC for Innovative Grain Food Products	2003-2010	24.05	To research, develop and commercialise healthy grain food products, and higher-value grains as a source of unique industrial and pharmaceutical compounds and new processing and manufacturing technologies.	<i>N/A</i>
141 - CRC Mining	2003-2010	25.75	To develop real-time, mining machine sensors and sensor packages to monitor damage and faults in the machine environment.	<i>No. 174 - CRC Mining - 2010-2014</i> <i>No. 65 - CRC for Mining Technology and Equipment - 1997-2003</i> <i>No. 8 - CRC for Mining Technology and Equipment - 1991-1996</i>
140 - CRC for the Australian Poultry Industries	2003-2010	21.50	To support the cost-effective and socially responsible production of safe, quality poultry products for domestic and export markets.	<i>No. 176 Poultry CRC 2010-2017</i>
139 - CRC for Greenhouse Gas Technologies	2003-2010	26.49	To develop research and technology on carbon dioxide capture, injection and geological storage (geo-sequestration).	<i>No. 173 - CRC for Greenhouse Gas Technologies - 2010-2014</i> <i>No. 72 - Australian Petroleum CRC - 1997-2003</i> <i>No. 6 - Australian Petroleum CRC - 1991-1997</i>
138 - Australasian CRC for Interaction Design	2003-2010	14.05	To focus on the research, development and commercialisation of technologies and content for the electronic games, digital art, performing and visual arts, design, film, television and multimedia sectors.	<i>N/A</i>
137 - CRC for Spatial Information	2003-2010	14.75	To reveal new areas of research and to encourage wider Australian and international adoption of spatial solutions and technologies.	<i>No. 172 - CRC for Spatial Information - 2010-2018</i>
136 - Vision CRC	2003-2010	32.00	To deliver better eye care and business growth by developing breakthrough technology and products for the correction of myopia and presbyopia; and developing models which provide effective, affordable, and sustainable eye care delivery to communities in need.	<i>No. 184 - Vision CRC - 2010-2015</i> <i>No. 77 - CRC for Eye Research and Technology - 1997-2003</i> <i>No. 11 - CRC for Eye Research and Technology - 1991-1997</i>
135 - CRC for Irrigation Futures	2003-2010	16.00	To continually improve irrigation policies, tools, practices and processes.	<i>N/A</i>

CRC	Period	Funding (\$m)	Objective	Previous Iterations
134 - CRC for Antarctic Climate & Ecosystems	2003-2010	22.35	To understand Antarctica and Southern Ocean processes and their role in regional and global climate change.	<i>No. 209 - Antarctic Climate and Ecosystems CRC - 2014-2019</i> <i>No. 171 - Antarctic Climate and Ecosystems CRC - 2010-2014</i> <i>No. 63 - CRC for Antarctica and the Southern Ocean - 1997-2003</i> <i>No. 1 - CRC for the Antarctic and Southern Ocean Environment - 1991-1997</i>
133 - CRC for Oral Health Science	2003-2010	19.85	To develop new diagnostics, preventives and treatments for a range of oral diseases, with a focus on periodontal diseases and dental caries.	<i>No. 179 - Oral Health CRC - 2010-2018</i>
132 - CRC for Advanced Composite Structures	2003-2010	17.87	To provide a focus for the development of advanced technologies which foster the growth of an efficient, globally-competitive Australian composite industry.	<i>No. 185 - CRC for Advanced Composite Structures - 2010-2015</i> <i>No. 68 - CRC for Advanced Composite Structure - 1997-2003</i> <i>No. 13 - CRC for Aerospace Structures - 1991-1997</i>
131 - CRC for Integrated Engineering Asset Management	2003-2010	17.50	To deliver capabilities and technologies for integrated and sustainable asset management to a wide range of Australian industries.	<i>No. 159 - CRC for Infrastructure and Engineering Asset Management - 2010-2013</i>
130 - Australian Biosecurity CRC for Emerging Infectious Disease	2003-2010	17.50	To develop research, education, and technologies that strengthen the national capability to predict, assess, monitor, detect, identify and respond to emerging infectious disease threats which impact on national and regional biosecurity.	<i>N/A</i>
129 - CRC for Sugar Industry Innovation through Biotechnology	2003-2010	28.00	To build a sustainable and profitable export-based sugarcane industry.	<i>N/A</i>
128 - CRC for Sustainable Resource Processing	2003-2010	18.80	To create new methods to produce minerals and metals in a way that benefits the community, the environment and industry.	<i>N/A</i>
127 - CRC for Sustainable Tourism	2003-2010	26.70	To drive innovation through the development of a dynamic, internationally competitive and sustainable tourism industry.	<i>No. 74 - CRC for Sustainable Tourism - 1997-2003</i>
126 - Molecular Plant Breeding CRC	2003-2010	29.93	To develop the latest molecular technologies and their delivery to grain and pasture industries through various breeding programs.	<i>No. 69 - CRC for Molecular Plant Breeding - 1997-2003</i>
125 - Desert Knowledge CRC	2003-2010	20.68	To improve the livelihoods of all Australians living in remote desert areas, to increase the viability of these desert communities and to improve regional desert economies.	<i>N/A</i>
124 - CRC for Aboriginal Health	2003-2010	21.13	To achieve substantial changes in primary health care delivery and in the nature of Indigenous health research.	<i>No. 208 - The Lowitja Institute Aboriginal and Torres Strait Islander Health CRC - 2014-2019</i> <i>No. 178 - CRC for Aboriginal and Torres Strait Islander Health - 2010-2014</i> <i>No. 66 - CRC for Aboriginal and Tropical Health - 1997-2003</i>

CRC	Period	Funding (\$m)	Objective	Previous Iterations
123 - CRC for Sustainable Aquaculture of Finfish	2001-2008	16.50	To develop and contribute to a vibrant and rapidly growing aquaculture industry through world's best practice aquaculture production technologies, innovation, collaboration and commercially focused research.	<i>No. 43 - CRC for Aquaculture - 1993-2000</i>
122 - CRC for Value Added Wheat	2001-2008	17.18	To increase knowledge of wheat quality, produce nutritional and industry technology benefits and assist in the transition of wheat breeding from the public to the private sector.	<i>No. 60 - CRC for Quality Wheat Products and Processes - 1995-2001</i>
121 - CRC for Functional Communication Surfaces	2001-2008	17.01	To conduct research into advanced print and communication surfaces and coating and printing technologies.	<i>N/A</i>
120 - Australian Sheep Industry CRC	2001-2008	17.80	To impact on the profitability of the sheep industry by optimising returns from both wool and sheep meat.	<i>No. 206 - CRC for Sheep Industry Innovation - 2014-2019</i> <i>No. 163 - CRC for Sheep Industry Innovation - 2007-2014</i>
119 - CRC for Australian Weed Management	2001-2008	20.30	To reduce the risks facing the environment, agricultural and rural sectors across Australia from current weeds and the increasing number of weed incursions from overseas.	<i>No. 57 - CRC for Weed Management Systems - 1995-2001</i>
118 - CRC for Predictive Mineral Discovery	2001-2008	18.00	To improve scientific understanding of mineralising processes and of the evolution of geology of mineralised terrains.	<i>N/A</i>
117 - CRC Wood Innovations	2001-2008	16.31	To conduct research into the fundamental properties of microwave energy and its influence on wood modification, permeability and on the relief of growth stresses in logs and sawn timber.	<i>N/A</i>
116 - CRC for Chronic Inflammatory Diseases	2001-2008	21.58	To focus on finding better treatments for serious chronic degenerative inflammatory diseases.	<i>N/A</i>
115 - CRC for Coal in Sustainable Development	2001-2008	14.45	To conduct research into coal performance in existing and advanced technology facilities.	<i>No. 55 - CRC for Black Coal Utilisation - 1995-2001</i>
114 - Capital Markets CRC	2001-2006	13.07	To identify unusual trading behaviour through systems for intelligent trading and surveillance.	<i>No. 205 - Capital Markets CRC - 2014-2019</i> <i>No. 161 - Capital Markets CRC - 2007-2014</i>
113 - CRC for Landscape Environments and Mineral Exploration	2001-2008	20.20	To substantially improve industry's ability to make discoveries of world-class ore deposits.	<i>No. 52 - CRC for Landscape Evolution and Mineral Exploration - 1995-2001</i>
112 - CRC for Construction Innovation	2001-2009	14.38	To further the financial, environmental and social benefit to the property and construction industry through applied research, education and technology transference.	<i>N/A</i>
111 - CRC for Smart Internet Technology	2001-2008	20.75	To capitalise on the outcomes of world-class internet research and development through coordination of research expertise, focussing on ad hoc networks, agent technology, artificial intelligence and data mining.	<i>No. 162 - Smart Services CRC - 2007-2014</i>
110 - CRC for Tropical Savannahs Management	2001-2008	18.80	To achieve sustainable land management across the tropical savannahs.	<i>No. 53 - CRC for Sustainable Development of Tropical Savannahs - 1995-2001</i>
109 - CRC for Innovative Dairy Products	2001-2009	17.63	To develop and commercialise new and innovative products using genomic and reproductive technologies.	<i>No. 180 - Dairy Futures CRC - 2010-2016</i>
108 - CRC for Water Quality and Treatment	2001-2008	16.75	To provide a national strategic research capacity for the Australian urban water industry.	<i>No. 61 - CRC for Water Quality and Treatment - 1995-2001</i>
107 - CRC for Railway Engineering and Technologies	2001-2007	10.00	To deliver decision making tools, knowledge and technologies necessary to address industry needs for the effective rail management, operation, maintenance and development of the Australian rail industry.	<i>No. 167 - CRC for Rail Innovation - 2007-2014</i>

CRC	Period	Funding (\$m)	Objective	Previous Iterations
106 - CRC for Plant-based Management of Dryland Salinity	2001-2007	24.00	To develop plant-based methods of reducing environmental, economic and social impacts of dry land salinity, including the development of profitable, perennial plant-based farming systems.	No. 166 - Future Farm Industries CRC - 2007-2014
105 - CRC for Diagnostics	2001-2007	14.73	To develop innovative protein and nucleic acid based technologies, processes and products for the rapid diagnosis and monitoring of human diseases and phenotypes.	No. 168 - CRC for Biomarker Translation - 2007-2014 No. 54 - CRC for Diagnostic Technologies - 1995-2001
104 - CRC for the Biological Control of Pest Animals	1999-2005	12.84	To develop new biological control agents for three of Australia's most damaging pest animals - the European rabbit, European red fox and the introduced house mouse.	No. 192 - Invasive Animals CRC - 2012-2017 No. 156 - Invasive Animals CRC - 2005-2012 No. 32 - CRC for Biological Control of Vertebrate Pest Population - 1992-1999
103 - CRC for Greenhouse Accounting	1999-2006	16.70	To undertake research in a wide range of disciplines including soil science, ecosystem ecology, remote sensing, eco-physiology, ecological modelling, forestry, agro-ecosystem ecology, education and science-policy interface.	N/A
102 - CRC for CAST Metals Manufacturing	1999-2005	19.50	To further casting technology for aluminium and magnesium alloys and in particular for applications in the automobile industry.	No. 148 - CAST Cooperative Research Centre - 2005-2012 No. 49 - CRC for Alloy and Solidification Technology - 1992-1998
101 - Australian Cotton CRC	1999-2005	12.40	To conduct research into the management of cotton insect pests, weeds and diseases, diagnostics, biodiversity and vegetation management.	No. 155 - Cotton Catchment Communities Cooperative Research Centre - 2005-2012 No. 47 - CRC for Sustainable Cotton Production - 1993-1997
100 - CRC for Tropical Plant Protection	1999-2006	13.98	To develop and deploy novel resistances to floral pests and diseases discovered during the former CRC's research programs.	No. 22 - CRC for Tropical Plant Pathology - 1992-1999
99 - CRC for the Great Barrier Reef World Heritage Area	1999-2006	19.40	To address strategic issues relating to the ecologically sustainable development and multiple use of the Great Barrier Reef World Heritage Area.	No. 36 - CRC for Ecologically Sustainable Development of the Great Barrier Reef - 1992-1999
98 - CRC for Bioproducts	1999-2006	13.70	To develop commercially valuable materials produced by plants.	No. 25 - CRC for Industrial Plant Biopolymers - 1991-1998
97 - CRC for MicroTechnology	1999-2006	17.40	To design, simulate and test alternative electronic materials to silicon, such as silicon alloys, diamond substrates, polymers and ceramics.	N/A
96 - CRC for Enterprise Distributed Systems Technology	1999-2006	23.00	To conduct research projects covering broad areas from innovative learning environment architectures to forensic computing.	No. 20 - CRC for Distributed Systems Technology - 1992-1999
95 - CRC for Asthma	1999-2005	9.55	To improve asthma prevention, asthma treatment, and diagnostic, monitoring and delivery devices.	No. 147 - CRC for Asthma and Airways - 2005-2012
94 - AJ Parker CRC for Hydrometallurgy	1999-2005	17.60	To improve the energy efficiency, mineral yield, and cost-effectiveness of the water-based extraction and solution processing of a large range of minerals.	No. 154 - Parker CRC for Integrated Hydrometallurgy Solutions - 2005-2012 No. 18 - AJ Parker CRC for Hydrometallurgy - 1992-1999
93 - Australian Photonics CRC	1999-2006	27.40	To become a world leader in photonics research and development, particularly in the optical communications industries.	No. 29 - Australian Photonics CRC - 1991-1999
92 - CRC for Viticulture	1999-2006	17.96	To introduce quality viticulture management from 'vine to palate'.	No. 21 - CRC for Viticulture - 1992-1999

CRC	Period	Funding (\$m)	Objective	Previous Iterations
91 - CRC for Coastal Zone, Estuary and Waterway Management	1999-2006	17.72	To provide decision-making tools and knowledge necessary for the effective management of the coastal zone, estuaries and waterways.	N/A
90 - CRC for Sensor Signal and Information Processing	1999-2006	13.20	To focus on surveillance and global positioning systems, software control systems for farm irrigation networks, mining sensor radars to monitor stability of rock walls and open cut mine spoils and develop new technologies in medical imaging.	No. 31 - CRC for Sensor Signal and Information Processing - 1991-1999
89 - CRC for Cochlear Implant and Hearing Aid Innovation	1999-2007	14.24	To enable new hearing technology products including a new generation Bionic Ear.	No. 201 - The Hearing CRC - 2014-2019 No. 169 - The Hearing CRC - 2007-2014 No.24 - CRC for Cochlear Implant, Speech and Hearing Research - 1992-1999
88 - CRC for Freshwater Ecology	1999-2005	13.00	To address key ecological issues of the Australian inland waterways.	No. 40 - CRC for Freshwater Ecology - 1993-1999
87 - CRC for Clean Power from Lignite	1999-2006	14.13	To improve the efficiency of lignite's low-cost utilisation in power generation.	No. 38 - CRC for New Technologies for Power Generation from Low-Rank Coal - 1993-1999
86 - CRC for Tropical Rainforest Ecology and Management	1999-2006	18.95	To support the sustainable use, management and conservation of Australia's tropical rainforests.	No. 48 - CRC for Tropical Rainforest Ecology and Management - 1993-1999
85 - CRC for Welded Structures	1999-2006	11.54	To improve the entire lifecycle of welded structures.	No. 23 - CRC for Materials Welding and Joining - 1992-1999
84 - CRC for Polymers	1999-2005	14.00	To develop innovative polymer science and technology by conducting research into polymer production, blends and composites, materials processing and recycling.	No. 196 - CRC for Polymers - 2012-2017 No. 150 - CRC for Polymers - 2005-2012 No.27 - CRC for Polymers - 1992-1999
83 - CRC for Cattle and Beef Quality	1999-2005	15.00	To conducted research in meat science, genetics, growth and nutrition, animal health and welfare, feedlot, and in waste management and education.	No. 151 - CRC for Beef Genetic Technologies - 2005-2012 No. 41 - CRC for the Cattle and Beef Industry - 1993-1999
82 - CRC for Vaccine Technology	1999-2006	13.40	To develop technologies necessary for the production of new and improved human and veterinary vaccines.	No. 42 - CRC for Vaccine Technology - 1993-1999
81 - Australian Telecommunications CRC	1999-2006	14.80	To create technologies for advanced telecommunication services.	No. 39 - CRC for Broadband Telecommunications and Networking - 1992-1998
80 - CRC for Catchment Hydrology	1999-2005	15.24	To produce a decision support system able to predict the movement of water, particulates and solutes from land to rivers, linking the impact of climate variability, vegetation, soil and water management together in an integrated package.	No. 153 - eWater CRC - 2005-2012 No. 30 - CRC for Catchment Hydrology - 1992-1999
79 - CRC for Intelligent Manufacturing Systems and Technologies	1999-2006	13.60	To develop intelligent manufacturing systems and supporting technologies for the economic benefit of Australian industry and society.	No. 44 - CRC for Intelligent Manufacturing Systems and Technologies - 1999-2006
78 - CRC for Satellite Systems	1997-2006	21.66	To deliver sustainable advantages for Australian industries and government agencies based on the applications of small satellites.	N/A
77 - CRC for Eye Research and Technology	1997-2003	15.70	To undertake research on contact lenses and related products, biomaterials, polymers and polymer surface chemistry, ocular physiology and microbiology and optometry.	No. 184 - Vision CRC - 2010-2015 No. 136 - Vision CRC - 2003-2010 No. 11 - CRC for Eye Research and Technology - 1991-1997

CRC	Period	Funding (\$m)	Objective	Previous Iterations
76 - CRC for Waste Management and Pollution Control Ltd	1997-2003	10.90	To focus on the treatment of both wastewater and solid waste, the detection and treatment of contaminants, and minimisation of waste in all stages of production.	No. 160 - <i>Environmental Biotechnology CRC - 2010-2012</i> No. 143 - <i>Environmental Biotechnology CRC - 2003-2010</i> No. 9 - <i>CRC for Waste Management and Pollution Control - 1991-1997</i>
75 - CRC for Discovery of Genes for Common Human Diseases	1997-2004	13.08	To bring together Australia's strategic genetic resources to undertake research into the genetic basis of common, complex human diseases.	N/A
74 - CRC for Sustainable Tourism	1997-2003	12.42	To develop a dynamic, internationally-competitive and sustainable tourism industry.	No. 127 - <i>CRC for Sustainable Tourism - 2003-2010</i>
73 - CRC for Sustainable Rice Production	1997-2005	15.42	To increase the economic contribution of the rice industry to the regional and national economy through increased efficiencies in production, increased revenue from new value-added products and increased exports, and improvements in the management of soil and water resources.	N/A
72 - Australian Petroleum CRC	1997-2003	16.29	To develop power generation technologies which are highly efficient and cost competitive.	No. 173 - <i>CRC for Greenhouse Gas Technologies - 2010-2014</i> No. 139 - <i>CRC for Greenhouse Gas Technologies - 2003-2010</i> No. 6 - <i>Australian Petroleum CRC - 1991-1997</i>
71 - CRC for Cellular Growth Factors	1997-2004	16.60	To advance the field of cellular growth factors (chemical messenger proteins) which are produced by the body to control the growth and function of different types of cells.	No. 3 - <i>CRC for Cellular Growth Factors - 1991-1997</i>
70 - GK Williams CRC for Extractive Metallurgy	1997-2001	8.51	To focus on both applied and fundamental research in pyrometallurgical processes and the high temperature extraction and refining of metals.	No. 12 - <i>GK Williams CRC for Extractive Metallurgy - 1991-1996</i>
69 - CRC for Molecular Plant Breeding	1997-2003	15.12	To develop new technologies in molecular biology and implement effective strategies for their use in cereal and pasture grass breeding programs.	No. 126 - <i>Molecular Plant Breeding CRC - 2003-2010</i>
68 - CRC for Advanced Composite Structures	1997-2003	18.89	To develop new and more efficient processes for manufacturing composite structures.	No. 185 - <i>CRC for Advanced Composite Structures - 2010-2015</i> No. 132 - <i>CRC for Advanced Composite Structure - 2003-2010</i> No. 13 - <i>CRC for Aerospace Structures - 1991-1997</i>
67 - CRC for Tissue Growth and Repair	1997-2002	8.78	To research the wound repair of animal or human tissues and develop efficient manufacturing processes and new commercial applications in wound repair.	No. 2 - <i>CRC for Tissue Growth and Repair - 1991-1996</i>
66 - CRC for Aboriginal and Tropical Health	1997-2003	11.88	To provide better outcomes in Aboriginal and tropical health through both education and research.	No. 208 - <i>The Lowitja Institute Aboriginal and Torres Strait Islander Health CRC - 2014-2019</i> No. 178 - <i>CRC for Aboriginal and Torres Strait Islander Health - 2010-2014</i> No. 124 - <i>CRC for Aboriginal Health - 2003-2010</i>

CRC	Period	Funding (\$m)	Objective	Previous Iterations
65 - CRC for Mining Technology and Equipment	1997-2003	16.59	To focus on delivering a continual stream of safety and productivity enhancing technologies to the Australian mining industry.	<i>No. 174 - CRC Mining - 2010-2014</i> <i>No. 141 - CRC Mining - 2003-2010</i> <i>No. 8 - CRC for Mining Technology and Equipment - 1991-1996</i>
64 - CRC for Sustainable Production Forestry	1997-2005	15.88	To undertake research on genetic improvement, sustainable management, and resource protection in respect of forestry.	<i>No. 145 - CRC for Forestry - 2005-2013</i> <i>No. 5 - CRC for Temperate Hardwood Forestry - 1991-1997</i>
63 - CRC for Antarctica and the Southern Ocean	1997-2003	14.14	To establish baselines of natural variability from geological and paleo-environmental records (core samples) for both on-shore and off-shore Antarctica.	<i>No. 209 - Antarctic Climate and Ecosystems CRC - 2014-2019</i> <i>No. 171 - Antarctic Climate and Ecosystems CRC - 2010-2014</i> <i>No. 134 - CRC for Antarctic Climate & Ecosystems - 2003-2010</i> <i>No. 1 - CRC for the Antarctic and Southern Ocean Environment - 1991-1997</i>
62 - Australian CRC for Renewable Energy	1996-2004	10.27	To undertake research on multiple renewable energy systems (including power generation, energy storage, energy efficiency, systems optimization and integration) and develop new technologies to be adopted by the industry.	<i>N/A</i>
61 - CRC for Water Quality and Treatment	1995-2001	12.45	To improve public health through improved water supplies, distribution and technologies.	<i>No. 108 - CRC for Water Quality and Treatment - 2001-2008</i>
60 - CRC for Quality Wheat Products and Processes	1995-2001	12.05	To improve wheat quality and expand from wheat production to wheat-based products and services.	<i>No. 122 - CRC for Value Added Wheat - 2001-2008</i>
59 - CRC for Conservation and Management of Marsupials	1995-2003	13.06	To develop practical conservation and management tools and policies for the enhanced care of Australia's unique marsupials in captive and wild populations.	<i>N/A</i>
58 - CRC for International Food Manufacture and Packaging Science	1995-2002	16.20	To apply scientific and innovative expertise to the food and packaging industries. Focus was given to intelligent manufacturing systems for horticulture products as well as general food manufacturing and processing.	<i>N/A</i>
57 - CRC for Weed Management Systems	1995-2001	12.05	To develop multidisciplinary approaches using herbicides, biological control and vegetation management to produce integrated weed management programs for temperate ecosystems in Australia.	<i>No. 119 - CRC for Australian Weed Management - 2001-2008</i>
56 - CRC for Sustainable Sugar Production	1995-2003	15.65	To foster a profitable Australian sugar industry by enhancing the quality of its natural resource base and meeting the environmental expectations of an informed community.	<i>N/A</i>
55 - CRC for Black Coal Utilisation	1995-2001	10.32	To support the coal and electricity industries in their drive to remain competitive in world energy markets and to develop and utilise clean coal technologies.	<i>No. 115 - CRC for Coal in Sustainable Development - 2001-2008</i>
54 - CRC for Diagnostic Technologies	1995-2001	12.05	To develop internationally competitive core diagnostic technologies and from these develop a range of technologies and specific diagnostic products.	<i>No. 168 - CRC for Biomarker Translation - 2007-2014</i> <i>No. 105 - CRC for Diagnostics - 2001-2007</i>

CRC	Period	Funding (\$m)	Objective	Previous Iterations
53 - CRC for Sustainable Development of Tropical Savannahs	1995-2001	13.90	To achieve the sustainable use and conservation of Australia's tropical savannahs through developing a deeper understanding of Australia's vast and unique tropical savannah bioregions.	No. 110 - CRC for Tropical Savannahs Management - 2001-2008
52 - CRC for Landscape Evolution and Mineral Exploration	1995-2001	13.60	To substantially improve the mineral industry's ability to make discoveries of world-class ore deposits.	No. 113 - CRC for Landscape Environment and Mineral Exploration - 2001-2008
51 - Research Data Network CRC	1993-1999	13.00	To focus on high speed telecommunications utilising Telstra's experimental broadband network.	N/A
50 - CRC for Advanced Computational Systems	1993-2000	12.95	To focus on the development, integration and application of advanced information technologies.	N/A
49 - CRC for Alloy and Solidification Technology	1992-1998	12.95	To develop technology for light alloy cast engineering of components, in order to help provide a world competitive position for Australian manufacturing and casting industries.	No. 148 - CAST Cooperative Research Centre - 2005-2012 No. 102 - CRC for CAST Metals Manufacturing - 1999-2005
48 - CRC for Tropical Rainforest Ecology and Management	1993-1999	10.75	To develop a deeper understanding of Australia's tropical rainforests, biodiversity and dynamic ecosystem processes for the improved sustainable management in the wet tropics.	No. 86 - CRC for Tropical Rainforest Ecology and Management - 1999-2006
47 - CRC for Sustainable Cotton Production	1993-1999	10.95	To develop and implement sustainable cropping systems for the Australian cotton industry.	No. 155 - Cotton Catchment Communities Cooperative Research Centre - 2005-2012 No. 101 - Australian Cotton CRC - 1999-2005
46 - CRC for Southern Hemisphere Meteorology	1993-2000	9.70	To create a world class centre for meteorological research and graduate training.	N/A
45 - Australian Geodynamics CRC	1993-2000	16.4	To determine the structural architecture of Australian continental crust that would lead to improved discovery of accumulated mineral and energy deposits.	N/A
44 - CRC for Intelligent Manufacturing Systems and Technologies	1993-2000	10.95	To focus on the organisation of manufacturing enterprises to achieve a level of productivity equal to, or better than, the world's best.	No. 79 - CRC for Intelligent Manufacturing Systems and Technologies - 1999-2006
43 - CRC for Aquaculture	1993-2000	14.25	To build the skills and technology for a competitive, sustainable, and environmentally acceptable Australian aquaculture industry.	No. 123 - CRC for Sustainable Aquaculture of Finfish - 2001-2008
42 - CRC for Vaccine Technology	1993-1999	10.95	To develop the technology necessary for the production of new and improved human and veterinary vaccines from the fields of immunology, cell biology and molecular biology.	No. 82 - CRC for Vaccine Technology - 1999-2006
41 - CRC for the Cattle and Beef Industry	1993-1999	17.33	To improve the quality and consistency of beef to match the exacting requirements of our new customers in Asia and better cater for Australian preferences and diets.	No. 151 - CRC for Beef Genetic Technologies - 2005-2012 No. 83 - CRC for Cattle and Beef Quality - 1999-2005
40 - CRC for Freshwater Ecology	1993-1999	10.95	To improve the quality of stored water in dams, weirs and water storages, providing the ecological basis for the sustainable management of Australian temperate region surface water.	No. 88 - CRC for Freshwater Ecology - 1999-2005
39 - CRC for Broadband Telecommunications and Networking	1992-1998	9.82	To provide research and development support to assist the creation of an Australian design infrastructure in broadband telecommunications and networking.	No. 81 - Australian Telecommunications CRC - 1999-2006
38 - CRC for New Technologies for Power Generation from Low-Rank Coal	1993-1999	11.10	To develop new, efficient, cost-effective and environmentally acceptable technologies for electricity generation from low-rank coal.	No. 87 - CRC for Clean Power from Lignite - 1999-2006
37 - CRC for Food Industry Innovation	1993-2000	11.01	To undertake research and development for the manufacture of improved and novel natural food ingredients, principally from micro-organisms.	N/A

CRC	Period	Funding (\$m)	Objective	Previous Iterations
36 - CRC for Ecologically Sustainable Development of the Great Barrier Reef	1992-1999	10.95	To address strategic issues relating to the ecologically sustainable development and multiple use of the Great Barrier Reef region.	<i>No. 99 - CRC for the Great Barrier Reef World Heritage Area - 1999-2006</i>
35 - CRC for Premium Quality Wool	1993-2000	15.45	To improve the quality and competitive position of Australian wool in the world textile fibre market.	<i>N/A</i>
34 - CRC for Biopharmaceutical Research	1992-1999	13.42	To develop new techniques for the discovery and manufacture of new therapeutic agents.	<i>N/A</i>
33 - CRC for Molecular Engineering and Technology: Sensing and Diagnostic Technologies	1991-1999	15.24	To develop next-generation, molecularly-engineered sensing devices for commercial application in the healthcare, food, and other industries.	<i>N/A</i>
32 - CRC for Biological Control of Vertebrate Pest Populations	1992-1999	12.42	To contribute to the better management of Australia's biodiversity by limiting the growth of vertebrate pest populations through fertility control.	<i>No. 192 - Invasive Animals CRC - 2012-2017</i> <i>No. 156 - Invasive Animals CRC - 2005-2012</i> <i>No. 104 - CRC for Biological Control of Pest Animals - 1999-2005</i>
31 - CRC for Sensor Signal and Information Processing	1991-1999	12.67	To research a wide variety of sensors used in applications ranging from mineral exploration to defence, and from medicine to navigation.	<i>No. 90 - CRC for Sensor Signal and Information Processing - 1999-2006</i>
30 - CRC for Catchment Hydrology	1992-1999	12.42	To predict the future water productivity of various landscape catchments undergoing changes in land use and vegetation.	<i>No. 153 - eWater CRC - 2005-2012</i> <i>No. 80 - CRC for Catchment Hydrology - 1999-2005</i>
29 - Australian Photonics CRC	1991-1999	27.87	To develop optical waveguide devices and improve photonic networks, including systems for communications and information processing, in order to build a sustainable technology transfer program.	<i>No. 93 - Australian Photonics CRC - 1999-2006</i>
28 - CRC for Cardiac Technology	1992-1999	12.42	To improve survival from heart attack and heart failure, the major causes of death and disability in Australia and the western world.	<i>N/A</i>
27 - CRC for Polymers	1992-1999	8.69	To develop advanced polymers, processing technologies and new skills in the manufacture of plastics materials.	<i>No. 196 - CRC for Polymers - 2012-2017</i> <i>No. 150 - CRC for Polymers - 2005-2012</i> <i>No. 84 - CRC for Polymers - 1999-2005</i>
26 - CRC for Australian Mineral Exploration Technologies	1992-2000	10.06	To develop a new generation of airborne electromagnetic technologies optimised for mineral exploration in Australia.	<i>N/A</i>
25 - CRC for Industrial Plant Biopolymers	1991-1998	12.67	To establish the science and technological base for the manufacture of natural polymers, such as gums, thickeners and stabilisers.	<i>No. 98 - CRC for Bioproducts - 1999-2006</i>
24 - CRC for Cochlear Implant, Speech and Hearing Research	1992-1999	12.42	To develop speech processing prostheses to assist communication for the hearing impaired.	<i>No. 201 - The Hearing CRC - 2014-2019</i> <i>No. 169 - The Hearing CRC - 2007-2014</i> <i>No. 89 - CRC for Cochlear Implant and Hearing Aid Innovation - 1999-2007</i>
23 - CRC for Materials Welding and Joining	1992-1999	12.42	To improve weld dynamics to enable better control of the process both for increasing production rates and improving weld quality.	<i>No. 85 - CRC for Welded Structure - 1999-2006</i>
22 - CRC for Tropical Plant Pathology	1992-1999	9.31	To provide new and more effective ways of controlling plant diseases, with a reduced reliance on chemicals and greater reliance on durable resistance.	<i>No. 100 - CRC for Tropical Plant Protection - 1999-2006</i>

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21 - CRC for Viticulture	1992-1999	12.42	To undertake research and education efforts in viticulture for dried fruits, table grapes and wine grapes.	<i>No. 92 - CRC for Viticulture - 1999-2006</i>
20 - CRC for Distributed Systems Technology	1992-1999	12.00	To unify the diverse computing resources that exist within and across organisations to make information more accessible, facilitating the transfer data over all types of networks, varying technological conditions and ignoring the constraints of time and geography.	<i>No. 96 - CRC for Enterprise Distributed Systems Technology - 1999-2006</i>
19 - Australian Maritime Engineering CRC	1992-1999	13.42	To improve the performance of surface marine vessels, and industries to create innovative materials and structures and improve production processes.	<i>N/A</i>
18 - AJ Parker CRC for Hydrometallurgy	1992-1999	10.55	To improve the efficiency, processing speed, and technology of hydro-metallurgical facilities in the mineral processing industry.	<i>No. 154 - Parker CRC for Integrated Hydrometallurgy Solutions - 2005-2012</i> <i>No. 94 - AJ Parker CRC for Hydrometallurgy - 1999-2005</i>
17 - CRC for Hardwood Fibre and Paper Science	1991-1999	13.12	To improve wood quality through genetic and silvicultural research on plantation and regrowth eucalypts, and provide technologists with directions for improving processes and product quality.	<i>N/A</i>
16 - CRC for Legumes in Mediterranean Agriculture	1992-1999	13.42	To undertake research on areas such as germplasm evolution, plant biochemistry and crop physiology and agronomy.	<i>N/A</i>
15 - CRC for Robust and Adaptive Systems	1992-1999	9.21	To undertake research on robust technologies widely applicable in communications, processing industries, aerospace and defence.	<i>N/A</i>
14 - CRC for Plant Science	1991-1998	15.24	To apply new technologies, particularly molecular genetic technologies, to key problems in plant biology.	<i>N/A</i>
13 - CRC for Aerospace Structures	1991-1997	12.80	To improve the competitiveness of the Australian aerospace industry.	<i>No. 185 - CRC for Advanced Composite Structures - 2010-2015</i> <i>No. 132 - CRC for Advanced Composite Structure - 2003-2010</i> <i>No. 68 - CRC for Advanced Composite Structure - 1997-2003</i>
12 - GK Williams CRC for Extractive Metallurgy	1991-1996	9.63	To undertake research on pyro-metallurgical processes and research on the high temperature extraction and refining of metals.	<i>No. 70 - GK Williams CRC for Extractive Metallurgy - 1997-2001</i>
11 - CRC for Eye Research and Technology	1991-1997	11.24	To contribute to eye care and the ophthalmic industry in Australia and internationally.	<i>No. 184 - Vision CRC - 2010-2015</i> <i>No. 136 - Vision CRC - 2003-2010</i> <i>No. 77 - CRC for Eye Research and Technology - 1997-2003</i>
10 - CRC for Intelligent Decision Systems	1991-1996	6.31	To undertake research and development in artificial intelligence and advanced decision-support technologies.	<i>N/A</i>
9 - CRC for Waste Management and Pollution Control	1991-1997	11.70	To focus on all aspects of the waste management system hierarchy; from waste minimisation (reduction, recycle and re-use) through to treatment and disposal. All elements of waste were considered, including liquid waste, solid waste, gaseous emissions, and site contamination.	<i>No. 160 - Environmental Biotechnology CRC - 2010-2012</i> <i>No. 143 - Environmental Biotechnology CRC - 2003-2010</i> <i>No. 76 - CRC for Waste Management and Pollution Control Ltd - 1997-2003</i>

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8 - CRC for Mining Technology and Equipment	1991-1996	14.17	The CRC was established in response to detailed surveys of the technology needs of the mining industry.	<i>No. 174 - CRC Mining - 2010-2014</i> <i>No. 141 - CRC Mining - 2003-2010</i> <i>No. 65 - CRC for Mining Technology and Equipment - 1997-2003</i>
7 - CRC for Tropical Pest Management	1991-1998	10.16	To develop improved and sustainable management of tropical pests through a cooperative and integrated program of research, education, training and implementation.	<i>N/A</i>
6 - Australian Petroleum CRC	1991-1997	13.13	To focus on major issues in Australia's petroleum exploration and production industry.	<i>No. 173 - CRC for Greenhouse Gas Technologies - 2010-2014</i> <i>No. 139 - CRC for Greenhouse Gas Technologies - 2003-2010</i> <i>No. 72 - Australian Petroleum CRC - 1997-2003</i>
5 - CRC for Temperate Hardwood Forestry	1991-1997	8.56	To undertake research on temperate hardwood breeding strategies, quantitative genetics and tissue culture.	<i>No. 145 - CRC for Forestry - 2005-2013</i> <i>No. 64 - CRC for Sustainable Production Forestry - 1997-2005</i>
4 - CRC for Soil and Land Management	1991-1997	15.24	To develop innovative soil-based technologies for improved soil and land management. The focus was on clean, green management of land that emphasised efficient use of natural resources and minimised off-site impacts.	<i>N/A</i>
3 - CRC for Cellular Growth Factors	1991-1997	11.24	To find growth factors active on blood and nerve cells, as well as growth factors that could induce stem cell production.	<i>No. 71 - CRC for Cellular Growth Factors - 1997-2004</i>
2 - CRC for Tissue Growth and Repair	1991-1996	8.56	To undertake research into the small proteins called growth factors that control the growth and repair of animal and human tissues after injury.	<i>No. 67 - CRC for Tissue Growth and Repair - 1997-2002</i>
1 - CRC for the Antarctic and Southern Ocean Environment	1991-1997	14.98	To characterise the ocean and atmospheric circulations of the Southern ocean and Antarctic region, their interaction with sea ice and the continental ice sheet, and their relation to global environmental change and biological productivity.	<i>No. 209 - Antarctic Climate and Ecosystems CRC - 2014-2019</i> <i>No. 171 - Antarctic Climate and Ecosystems CRC - 2010-2014</i> <i>No. 134 - CRC for Antarctic Climate & Ecosystems - 2003-2010</i> <i>No. 63 - CRC for Antarctica and the Southern Ocean - 1997-2003</i>