



Appendix

Queensland Government major funding allocated for science, research and innovation under the Smart State Strategy since 1998

AREA	\$m	New \$m 2004	Subtotal	Total \$m 1998-04
Research Infrastructure				
(Note 1) Bioindustries Strategy				
Queensland Bioscience Precinct (Institute for Molecular Bioscience) (UQ)	92.50			
QIMR Clive Berghofer Comprehensive Cancer Centre (includes \$8m land value)	28.00			
Institute for Glycomics (formerly Center for Biomolecular Science & Drug Discovery) (GU)	8.00			
Centre for Immunology and Cancer Research (PAH)	0.50			
Queensland Health Scientific Services	30.00			
Herron Laboratories (PAH)	0.70		159.70	
Centre for New Foods		3.00		
Queensland Clinical Trials Network		5.00		
Biodiscovery Network		0.75		
Bioindustries Awareness Program (includes Science on Saturday)		1.00	9.75	169.45
Smart State Research Facilities Fund				
Institute of Health and Biomedical Innovation (QUT)	22.50			
Australian Computational Earth Systems Simulator (UQ)	4.50			
Cryo-electron Microscopy Facility (UQ)	1.50			
Australian Institute for Bioengineering and Nanotechnology (UQ)	20.00			
Centre of Excellence in Engineered Fibre Composites Design and Development (USQ)	7.50			
Australian Tropical Forest Institute (Cairns)	7.80		63.80	
Round Two				
Mater Medical Research Institute Clinical Trials Centre	10.00			
Wesley Research Institute Clinical Research Centre	0.80			
Institute for Cellular and Molecular Therapies (GU)	12.00			
Queensland Microtechnology Facility (GU)	3.00			
Tropical Marine Science Centre of Excellence	5.00			
Queensland Animal Breeding Facility	1.70		32.50	



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AREA	\$m	New \$m 2004	Subtotal	Total \$m 1998-04
Round 3				
Queensland Pre-Clinical Drug Development Facility (UQ)		8.10		
Queensland Viral Testing and Product Characterisation Centre (QIMR)		2.52		
Queensland Crop Development Facility (QUT/DPI&F)		3.50		
Centre for Advanced Animal Science (UQ)		9.50		
Mater Medical Research Institute enhancements		3.00		
Medical engineering Research Facility (QUT)		5.00		
Queensland Hypersonic Testing Facility Centre (UQ)		2.20	33.82	130.12
SSRFF funding as yet unallocated				19.88
Other Infrastructure				
Queensland Centre for Advanced Technologies (DSD)	24.00			
Sustainable Minerals Institute (DSD)	10.00			
Process Engineering and Light Metals Centre (DSD)	5.00			
Australian Microelectronics Centre (DSD)	2.65			
Queensland Manufacturing Institute (DSD)	21.76			
Pharmacy Australia Centre of Excellence	3.40			
Creative Industries Precinct	15.00			
(Note 2) Queensland Parallel Supercomputing Foundation	16.00			
Institute for ICT Innovation (e-health and e-security)	13.75			
Centre of Excellence for Applied Sport Science Research	2.50			
Queensland Linked ARC Centres of Excellence	6.60			
Centre of Excellence in clean energy technologies	9.00		129.66	
Office of the Queensland Chief Scientist		1.91	1.91	
Smart State Health and Medical Research Fund		4.70	4.70	
ICT Industry Development and Strategy		3.00	3.00	
i.lab and Innovation Centre Sunshine Coast		0.00	0.00	139.27
Cooperative Research Centres				
Cash	36.31	1.41	37.72	
In kind commitment		116.89	17.28	134.17
				171.89
Research activity undertaken by State Government agencies				
(Note 3) Research expenditure by State agencies such as the Agency for Food and				
Fibre Science, Queensland Health and Natural Resources Sciences	1200.00	240.00	1440.00	1440.00



AREA	\$m	New \$m 2004	Subtotal	Total \$m 1998-04
Innovation and Commercialisation				
(Note 4) BioCapital Fund (funded through Queensland Investment Corporation)	100.00			
Sustainable Technology Initiative (Dept of Public Works)	1.50			
Sustainable Energy Innovation Fund (EPA)	2.78			
Innovation Start-Up Scheme	4.90			
i.Lab 3.65	3.10			
Innovation Centre Sunshine Coast	0.50	0.50		
BioStart/teQstart (\$3.107m + \$3.2m)	6.31			
Public communications for Biotechnology	1.50			
BioBus Science and Technology Awareness	1.80			
Australian Institute of Commercialisation	10.00			
Financial ICT Growth (FIG)	1.23			
Multimedia Applications Development Fund	0.46			
iSTAR	0.87			
International Trade Show Assistance Program	0.50			
Queensland Government Intellectual Property Principles	0.67			
Statewide Technology Incubation Strategy	2.17			
Specialist Advice for Growing Technology Business	1.10			
Promoting the Adoption of ICT by existing industries	1.00			
Workshops to provide commercialisation skills for Queensland Innovators	1.30			
Bioaccelerator	1.25			
Interactive Games Development Program	0.80		147.89	147.89
Education and Skilling				
QUT Innovation Train	0.13			
Smart State Fellowships	2.00			
Queensland and Northern Territory Multimedia Centre	2.00			
Bachelor of Biotechnology Innovation Degree	0.20			
Growing the Smart State Research Program	0.30			
Career Awareness Kit	0.08			
Community Skills Development Program in ICT	1.06			
Technology Survival Skills Program	1.00			
Science on Saturday	0.15			
International Biology Olympiad	0.075		6.99	6.99



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AREA	\$m	New \$m 2004	Subtotal	Total \$m 1998-04
(Note 5) Education Queensland				
Six step action plan to improve science education	14.00			
ICT for Learning Strategy	99.40			
ICT Innovators Grants Scheme	1.63			
<u>Facilities/Infrastructure</u>				
(Note 6) Secondary schools renewal program	12.00			
Technology Maths and Science Centres of Excellence	10.00			
Upgrades of Science Spaces	2.30			
Education Queensland Educational Internet Data Centre	21.00			
<u>Professional Development for Teachers</u>				
Syllabus implementation	2.00			
Ongoing PD activities	3.00			
<u>Support for new syllabus</u>				
Syllabus development	2.50			
Educational advisers	2.20			
Development of resources	2.00			
Support for external agencies (eg CSIRO, ScienCentre)				
Summer Schools	1.40			
Specific school science grants	0.50		173.93	173.93
Strategic Partnerships				
Triton Foundation (DSD)	0.60			
Queensland-Smithsonian Fellowship Program	0.45			
Tropical Science Cooperative Framework with WA and NT	1.37		2.42	2.42
TOTAL	2066.49	315.47		2401.84

- (Note 1) Figures shown here do not include the total value of projects i.e. contributions from sources other than Queensland Govt
- (Note 2) Includes new funding from the 2003-04 Budget
- (Note 3) Extrapolation of Australian Bureau of Statistics figures for State Government expenditure on R&D. The only two ABS figures available are \$240.282 million in Queensland for 2000-01 and \$232.454 million for 1998-99. The figure of \$240 million has been multiplied by 5 to give approximate spend since 1998.
- (Note 4) In 1999 the Government released its Innovation Strategy which included \$20m funding for CRC's I.Lab, CIV and ISUS
- (Note 5) This figure does not include recurrent capital expenditure on science facilities, teacher salaries, or start-up costs for chemicals and equipment for new schools (estimated at \$34,000 per school)
- (Note 6) This is an estimate based on advice that of the 64 schools receiving funding under the Secondary Schools Renewal Projects, most would have included significant refurbishment of science laboratories as at least part of their expenditure, with costs probably averaging around \$.5 million per school