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- SENATOR THE HON NICK SHERRY
Minister for Small Business, Minister Assisting on Deregulation and Minister Assisting on Tourism

Media Release

Senator the Hon Kim Carr

15 Oct 2010

STRENGTHENING OUR ECONOMY THROUGH COMMERCIALISATION

A new treatment for kidney disease, a robotic defence training system, specialised mining vehicles and stronger artificial joints are among 22 new commercialisation projects being supported by the Australian Government.

Innovation, Industry, Science and Research Minister, Senator Kim Carr, today announced that 22 Australian researchers, individuals and businesses would share in funding of over \$8 million to help transform their projects into commercial successes.

"There is a great range of new and exciting ideas in this country, but the pathway to the market can be difficult to navigate," Senator Carr said.

"Through Commercialisation Australia, the Australian Government helps our best and brightest local entrepreneurs identify and maximise their commercial opportunities.

"The 22 projects I am announcing today have the potential to deliver significant benefits to investors and consumers in a diverse range of industries, such as medicine, security, mining, and defence.

"The flow-on benefits strengthen our economy by increasing domestic and export earnings and creating jobs. This means a better future for our children and grandchildren."

Details of the 22 projects are [attached](#).

Commercialisation Australia assists participants at all stages of the commercialisation process by providing funding and hands-on assistance, tailored to the needs of each individual or business.

For more information on Commercialisation Australia and the support it provides, visit www.commercialisationaustralia.gov.au.

For more information on the Innovation, Industry, Science and Research portfolio and the grants it administers, visit www.innovation.gov.au.

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Funding Offers – July and August 2010

State	Applicant Organisation	Grant Amount \$	Project Title	Project Description	Contact Name	Phone
ACT	eWater Innovation Pty Ltd	338,750	MUSIC Global - Stormwater Quality Management Tool for Overseas Markets	The project will test the global viability of the Australian Music stormwater quality modeling software and lay the foundation for the global release of other eWater products. The project will create a new Music Global product and new support processes. These will be tested through a proof of concept in the UK market. The project will engage an experienced executive who will apply their expertise in the Australian stormwater industry to develop and grow the UK market.	Mr Tim Blackman	(02) 6201 5834
NSW	Marathon Robotics Pty Ltd	450,000	All-Terrain Autonomous Robotic Target for Live-Fire Marksman	The project aims to build an all-terrain version of the robotic target for live-fire military training, to validate customer requirements and develop a commercialisation strategy. Our current product is a two-wheeled balancing target, used by the Australian Defence Force and being trialled by the US Marine Corps. The project will benefit Australia in terms of export earnings and create flow-on benefits for Australian specialist engineering companies.	Dr Tobias Kaupp	(02) 9209 4021
QLD	Vardr Pty Ltd	250,000	Remote Wi-Fi Surveillance System	Vardr's Proof of Concept grant will be used to develop ultra low-power, wireless camera technology for potential use in a number of security applications.	Mr Geoff Smith	0412 007 354
QLD	Nano Silicon (Australia) Pty Ltd	50,000	VLSI Silicon Wafer Circuit Design for High Speed Communications	Nano Silicon (Australia) is seeking to enhance their commercial position around their industry leading Very Large Scale Integration (VLSI) Silicon Wafer Circuit Design know-how. Their focus is on USB 3.0 and Display Port 1.1 industry standards. The project will engage industry expertise to assist in market research, business model development and IP strategy formulation. The project will engage industry expertise to assist in key steps towards maximising commercialisation returns from existing innovative intellectual property (IP): market	Mr Yong Ding	(07) 3147 8270

State	Applicant Organisation	Grant Amount \$	Project Title	Project Description	Contact Name	Phone
				research and strategy development, IP review and strategy development, management up-skilling, business model and plan development. This will determine and establish a solid foundation and roadmap to further commercialisation activities and identify additional required resources.		
QLD	NuPlant Pty Ltd	250,000	SmartClone: Enabling Robotics to Radically Transform Plant Tissue-Culture Operations	NuPlant's SmartClone technology places handles on plantlets. This radical concept represents a paradigm shift in how the \$1 billion tissue-culture industry manages plantlets. The SmartClone pod technology enables robotics to significantly improve production efficiencies and plantlet vigour. This project proves the commercial application of NuPlant's "plantlet pods" and robotic system.	Dr Robert Teasdale	(07) 3842 3355
QLD	Queensland Clams Pty Ltd	70,000	Sea-Ranched Surf Clams	The Proof of Concept project will trial aquaculture cultivation systems specifically adapted to two species of Queensland edible surf clams. The system will involve novel techniques for sea bed grow-out and harvesting.	Ms Denise Girdlestone	(07) 4128 9417
QLD	CatchLog Trading Pty Ltd	48,000	CatchLog: Electronic Logbook Software for the Global Fishing Industry	The CatchLog project will commercialise locally and internationally an onboard software program for commercial fishing vessels. The program combines vessel management applications and an electronic logbook reporting system in a single product. It delivers real time data direct to key fisheries stakeholders and management authorities. The program greatly reduces the paper compliance workload, improves vessel management and promotes sustainable fisheries management.	Mr Dieter Bohm	(07) 4033 1322
VIC	AquaGen Pty Ltd	186,496	AquaGen SurgeDrive Wave Energy Demo Unit on Lorne Pier	AquaGen is developing a groundbreaking new technology for harnessing the energy of the ocean's waves to produce electricity or desalinated water. The Commercialisation Australia Project will enable the manufacture, installation and demonstration of the first pilot version of the patented SurgeDrive® system on Lorne Pier in Victoria.	Mr Nicholas Boyd	(03) 9764 9800
SA	Madeleine Pharmaceuticals Pty Ltd	300,000	A Natural Heart Drug	Commercialisation Australia will assist Madeleine Pharmaceuticals to commercialise a drug to improve the treatment of heart failure patients. Based on a naturally occurring compound, the drug has the potential to benefit people suffering both short-term and long-term heart failure effects. The project will establish the commercial viability of the drug.	Dr Thomas Geimer	0416 059 975

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WA	Dimerix Bioscience Pty Ltd	450,000	Diabetic Nephropathy Treatment Halting Kidney Failure	Diabetic nephropathy is the leading cause of kidney failure in Western societies. Through the use of Dimerix's patented G-Protein Coupled Receptor assay technology, a novel therapy is being developed to halt the progression of the disease. Dimerix aims to finalise a proof of concept which will support plans to licence the product's intellectual property to a global pharmaceutical company for advanced clinical development.	Mr Tim Grogan	0438 655 452
TAS	Specialised Vehicle Solutions Pty Ltd	250,000	Underground Service Vehicle	The project will develop and field validate a demonstration service vehicle for the underground mining sector.	Mr Malcolm Watkinson	(03) 6431 4606
ACT	QuintessenceLabs Pty Ltd	1,220,000	2 nd Generation Quantum Key Distribution System	Quintessence Labs have successfully demonstrated a prototype of their breakthrough 2nd generation quantum key distribution (QKD) system. The activities supported by the Commercialisation Australia grant focus on advancing this ultra-secure communications technology to full commercialisation. Market research and strengthening of senior personnel resources will accelerate entry to global markets and prepare the technology for volume production.	Dr Vikram Sharma	(02) 6125 9498
NSW	Biosceptre International Limited	1,748,268	Biosceptre Prostate Cancer Diagnostic Test	Biosceptre will conduct clinical trials to demonstrate that its Prostate Cancer IHC (Immunohistochemistry) Diagnostic Test can detect clinically significant and clinically insignificant forms of the cancer, a huge unmet medical need that could significantly reduce the incidence of unnecessary early medical intervention and increase the chances of early detection. Results will be submitted to the FDA for a 510(k) clearance so that the product can be sold and marketed in the US, and ultimately globally.	Ms Jennifer King	(02) 9889 1202
NSW	Sonomedical Pty Ltd	250,000	Sonomat HST System - easy, unobtrusive at home diagnostic device for sleep disordered breathing	The project is the delivery to market of the Sonomat HST System, the first and only home sleep testing device that does not need attachment of wires or sensors. It involves taking the product through the next stage of the commercialisation process, including reviewing the IP portfolio and establishing relationships with potential investors and distribution partners.	Mr Bruce Gregory	(02) 8755 2626

State	Applicant Organisation	Grant Amount \$	Project Title	Project Description	Contact Name	Phone
NSW	Advanced Anaesthesia Specialists (AAS)	250,000	The first "very small animal" veterinary re-breathing anaesthesia system for 3-12 kg patients	AAS will build production prototypes and then clinically validate: <ul style="list-style-type: none"> the first-ever veterinary electronic anaesthetic agent vapouriser, the first-ever low-volume, low-back-pressure CO₂ breathing gas scavenger, and the controlling anaesthesia monitoring and alarm system so as to enable AAS to go to market internationally with the first-ever monitored re-breathing anaesthesia system for very small animals (3-12kg).	Dr Simon Rushworth	(02) 9808 1844
NSW	Tricon Defence Pty Ltd	136,000	Helicopter Emergency Release Operator	Helicopter Emergency Release Operator (HERO) is a life-saving device that will significantly improve the survival prospects for helicopter occupants/passengers in the event of a crash into the sea. A dual purpose restraint/release system, HERO automatically releases the occupant from their harness, effectively reducing the time taken for occupants to extricate themselves from a sinking helicopter.	Mr Ian Bostock	(02) 9211 7660
VIC	Dr James A Broberg	50,000	Storage and delivery of multi-media content from the Cloud	Congestion and downtime on popular web sites due to excessive and unpredictable consumer demand is addressed by Content Delivery Networks (CDNs) that replicate content in numerous locations around the world. MetaCDN targets a major gap in this marketplace through sophisticated and economical "on-demand" use of existing cloud storage providers.	Mr Richard Day	(03) 8344 3066
VIC	POD Orthotic Pty Ltd	434,588	Revolutionary orthopaedic 'Polymer Hinge System' supersedes traditional mechanical joints	POD Orthotic's proprietary Human Motion™ hinge utilizes Synthetic Ligaments™ to function like those in a human body, rather than traditional mechanical joints. Applying POD's core technology to orthopaedic knee, elbow, ankle and wrist joint braces will improve the quality of life for end-users and generate significant exports through global retail and medical distribution channels.	Mr Geoff Maloney	(03) 5244 4111
VIC	Rheology Solutions Pty Ltd	574,220	On-line Rheometer for Process Control	A rheometer measures the characteristic flow properties of liquids (e.g. viscosity and elasticity). This project will commercialise novel CSIRO technologies for an online process control rheometer that delivers real-time data and maintains better quality control for production processes. Key steps are construction of in-house facilities for rapid, iterative, applications-based developmental cycles, prototype and pre-production	Dr Timothy Kealy	(03) 5367 7477

State	Applicant Organisation	Grant Amount \$	Project Title	Project Description	Contact Name	Phone
				testing at industry partner sites, and user interface (software) development		
QLD	QsSemiconductor Australia Pty Ltd	462,000	Stored Charge Random Access Memory (QsRAM) a novel semi conductor memory technology with terabit memory capacity	Qs Semiconductor™ is developing QsRAM™ a high performance, Non-Volatile Random Access Memory (NVRAM). This project will enable the final cell structure and chip architecture as well as foundry interface to be established to deliver the technology to a manufacture-ready state.	Professor Herbert Harrison	(07) 3875 5053
WA	Saron Education Limited	84,402	SEQTA web based interactive educational software to reduce teacher workloads	SEQTA Coneqt is a web-based application giving teachers an easy-to-use vehicle for the delivery of course work, learning resources and other key information to students and parents via the internet. Saron Education's proof of concept project will trial and validate SEQTA Coneqt, which will fully utilise the benefits of increased technology assets in schools, without creating any extra workload for teachers.	Ms Sharon Grosser	(08) 9301 2277
WA	Secure Systems Limited	226,423	Secure Systems Limited Optima Range - Production Proof of Concept	Secure Systems has developed the Optima range of hardware-based secure portable execution and data storage products for high assurance applications. The range incorporates advanced encryption, strong access controls and trusted execution environments to enable secure remote and mobile computing. Secure Systems plans to undertake a proof of concept project to confirm the commercial viability of the Optima range in anticipation of its release to new and existing customers.	Mr Peter James	(08) 9240 8708
TOTAL		8,078,147				