



PROFILE OF THE
INNOVATION AWARDEES

INNOVATION AWARD

LARGE CORPORATION (MEDICAL / BIOTECH / LIFE SCIENCE / SCIENCE)



ResMed (NYSE: RMD and ASX: RMD.AX) is a leading developer, manufacturer and distributor of medical equipment for treating, diagnosing, and managing sleep-disordered breathing (SDB) and other respiratory disorders. The company is dedicated to developing innovative products to improve the lives of those who suffer from these conditions and to increasing awareness among patients and healthcare professionals of the potentially serious health consequences of untreated sleep-disordered breathing.

When ResMed was formed in 1989, its primary purpose was to commercialise a device for treating obstructive sleep apnea (OSA), a major subset of SDB. Developed in 1981 by Professor Colin Sullivan and colleagues at the University of Sydney, nasal continuous positive airway pressure (CPAP) provided the first successful non-invasive treatment of OSA. Since 1989, ResMed has maintained its focus on SDB, which is gaining greater public and physician awareness. Operations have grown dramatically through the introduction of a number of highly innovative product lines.

***Dr Paul Green will be accepting the award on behalf of ResMed Ltd.**

INNOVATION AWARD

SME CORPORATION (MEDICAL / BIOTECH / LIFE SCIENCE / SCIENCE)



EnGeneIC Ltd is a privately held Australian company founded in 2001. The company develops and aims to commercialise novel concepts for the targeted delivery of drugs and other therapeutic molecules used in the treatment of cancer. EnGeneIC's Devivery Vehicule platform optimises the delivery of a substantial drug or siRNA/microRNA payload to targeted cancer cells in vivo.

Eight patent family applications have been filed in the US and worldwide. Patents covering aspects of EnGeneIC's technology have been granted in Australia, USA, Singapore, Japan, China, Mexico, New Zealand, Hong Kong and India, and still further examinations are continuing in a number of jurisdictions.

EnGeneIC has recently completed a first in man, multi-centre phase I clinical trial in Australia and the EDV proven to have an excellent safety profile.

*** Dr Jennifer MacDiarmid and Dr Himanshu Brahmbhatt will be accepting the award on behalf of EnGeneIC Ltd.**

INNOVATION AWARD

LARGE CORPORATION (OTHER TECHNOLOGY / MECHANICAL / ENGINEERING)

Rio Tinto

Rio Tinto Group is a British-Australian multinational metals and mining corporation with headquarters in London, United Kingdom, and a management office in Melbourne, Australia. The company was founded in 1873, when a multinational consortium of investors purchased a mine complex on the Rio Tinto river, in Huelva, Spain, from the Spanish government. "Rio Tinto" is simply Spanish or Portuguese for "Red River". Since then, the company has grown through a long series of mergers and acquisitions to place itself among the world leaders in the production of many commodities, including aluminium, iron ore, copper, uranium, coal, and diamonds. Although primarily focused on extraction of minerals, Rio Tinto also has significant operations in refining, particularly for refining bauxite and iron ore. The company has operations on six continents but is mainly concentrated in Australia and Canada, and owns its mining operations through a complex web of wholly and partly owned subsidiaries. Its head office in the United Kingdom is in the City of Westminster, London, while its Australian head office is in the City of Melbourne.

Rio Tinto Group is a dual-listed company traded on both the London Stock Exchange where it is a component of the FTSE 100 Index and the Australian Securities Exchange where it is a component of the S&P/ASX 200 index.

Rio Tinto files patents under the name 'Technological Resources Pty Ltd' in Australia and has numerous patent applications related to autonomy.

***Dr Andrew Shook will be accepting the award on behalf of Technological Resources.**

INNOVATION AWARD

SME CORPORATION (OTHER TECHNOLOGY / MECHANICAL / ENGINEERING)



Quickstep is an Australian listed company which manufactures advanced composite in Australia and develops and licences advanced composite manufacturing technologies for the global market.

"Composites" are materials made by combining a number of different elements with the aim of getting an end result or property - for example combining carbon fibre and resin. Advanced composites tend to be high-strength fibres such as carbon fibre imbedded with performance resins such as epoxy resins. These materials are used extensively in the aerospace and defence industries, and are increasingly used in high-performance and electric powered cars.

Quickstep has significant capabilities and expertise in the production of aerospace-grade advanced composite components using both conventional autoclave-based manufacturing and leading out-of-autoclave production technologies, including our patented Quickstep Process and Resin Spray Transfer (RST).

*** Ms Nicole Sharman will be accepting the award on behalf of Quickstep Technologies.**

INNOVATION AWARD

GOVERNMENT (GOVERNMENT OR GOVERNMENT FUNDED)



The Australian Nuclear Science and Technology Organisation (ANSTO) is a corporate Commonwealth entity operating under Public Governance, Performance and Accountability Act 2013, and is an agency within the portfolio of the Commonwealth Minister for Industry and Science. ANSTO is responsible for delivering specialised advice, scientific services and products to government, industry, academia and other research organisations.

It does so through the development of new knowledge, delivery of quality services and support for business opportunities.

***Ms Lara Storr and Mr Richard Banati will be accepting the award on behalf of ANSTO.**

INNOVATION AWARD

ACADEMIC (UNIVERSITY)



Established in 1853, the University of Melbourne is a public-spirited institution that makes distinctive contributions to society in research, learning and teaching and engagement. It's consistently ranked among the leading universities in the world, with international rankings of world universities placing it as number 1 in Australia and number 33 in the world (Times Higher Education World University Rankings 2014-2015).

Melbourne's main campus is located in Parkville, an inner suburb north of the Melbourne central business district, with several other campuses located across Victoria. Melbourne is a sandstone university and a member of the Group of Eight, Universitas 21 and the Association of Pacific Rim Universities. Since 1872 various residential colleges have become affiliated with the university. There are 12 colleges located on the main campus and in nearby suburbs offering academic, sporting and cultural programs alongside accommodation for Melbourne students and faculty.

Melbourne comprises 11 separate academic units and is associated with numerous institutes and research centres, including the Walter and Eliza Hall Institute of Medical Research, Florey Institute of Neuroscience and Mental Health, the Melbourne Institute of Applied Economic and Social Research and the Grattan Institute. Amongst Melbourne's 15 graduate schools the Melbourne Business School, the Melbourne Law School and the Melbourne Medical School are particularly well regarded.

*** Professor Jim McCluskey will be accepting the award on behalf of The University of Melbourne.**

INNOVATION AWARD

BEST COLLABORATION AWARD



The Commonwealth Scientific and Industrial Research Organisation (CSIRO) is the federal government agency for scientific research in Australia. It was founded in 1926 originally as the Advisory Council of Science and Industry.

Research highlights include the invention of atomic absorption spectroscopy, development of the first commercially successful polymer banknote, the invention of the insect repellent in Aerogard and the introduction of a series of biological controls into Australia, such as the introduction of myxomatosis and rabbit calicivirus which causes rabbit haemorrhagic disease for the control of rabbit populations.

*** Dr Jack Steele will be accepting the award on behalf of CSIRO.**



The Grains Research and Development Corporation (GRDC) is one of the world's leading grains research organisations, responsible for planning, investing in and overseeing RD&E to deliver improvements in production, sustainability and profitability across the Australian grains industry.

The GRDC's primary objective is to drive the discovery, development and delivery of world-class innovation to enhance the productivity, profitability and sustainability of Australian grain growers and benefit the industry and the wider community.

The GRDC is a statutory corporation, founded in 1990, under the Primary Industries Research and Development Act 1989 (PIRD Act), it is subject to accountability and reporting obligations set out in the Commonwealth Authorities and Companies Act 1997 (CAC Act). The GRDC's portfolio department is the Australian Government Department of Agriculture.

The functions of the GRDC under the Act include coordinating or funding R&D activities; monitoring, evaluating and reporting on the impact of R&D activities on the grains industry and the wider community; and facilitating the dissemination, adoption and commercialisation of the results of R&D.

***Ms Brondwen MacLean and Ms Jody Higgins will be accepting the award on behalf of the Grains Research and Development Corporation.**