



MEDIA RELEASE

Contact Mandy Kale
Public Affairs Manager
0419 693 309

DuPont announces biennial innovation award finalists

An [independent panel](#) of some of Australia and New Zealand's most respected business and academic leaders has named 20 entries finalists in the 2007/08 DuPont Australia and New Innovation Awards.

Judged across seven [categories](#), the biennial awards recognise innovation and advances in industry, science, the environment and agriculture. This year the awards attracted a record 98 entries from companies and individuals from Australia and New Zealand.

According to DuPont Australia and New Zealand Managing Director, Hutch Ranck, the quality of entries demonstrates the high degree of innovation coming from Australia and New Zealand.

"This year's awards have been our most competitive to date, with an encouraging level of innovation demonstrated in all 98 entries.

"It's an excellent sign that Australian and New Zealand companies are poised to take their part in the quest for continuing innovation, an essential feature of being successful here and globally.

"Innovation has made DuPont a strong, creative company that looks outside itself to discover the fundamental human needs for which it can provide solutions on a world scale.

"Because innovation is so important to us, we are always on the look out for new discoveries and inventions around the world wherever we operate. I'm pleased to have the DuPont name associated with this level of innovation in Australia and New Zealand", Ranck said.

The winners of each category, along with the Chairman's Award, which is presented to the entry which makes the most significant contribution to sustainability, will be announced at gala event on Friday 16 May.

DuPont is a science-based products and services company. Founded in 1802, in the United States, DuPont puts science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. Operating in more than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture and food; building and construction; communications; and transportation.

2007/08 DuPont Australia and New Zealand Innovation Awards finalists. Visit [2007 08 finalists](#)

Building Innovation

Biolytix Sewage Treatment System

Biolytix Water Pty Ltd

Biolytix copies how nature works – Biomimicry - to treat sewage, wastewater, food scraps and sanitary items. The systems can be used for households, as well as networked for whole neighbourhoods.

Dimondek 630 Plastic Clip System

Dimond

Architects want clean roof lines on large buildings and the Dimondek 630 Plastic Clip system enables steel roof sheets up to 100 meters long to be easily installed with much improved long term weather security.

Security Fence Framing System

BFH Sydcon Pty Ltd

Electronic surveillance and detection systems can utilise the fence frame to carriage power and data services, eliminating costly excavations, inground pits, conduits and draw wires. Elevated and accessible services.....the multipurpose fence frame of the future.

Medical and Healthcare

Sens (Speech Enhancing Noise Suppression Technology)

Sensear Pty Ltd

Sensear SP1(x) allows you to freely communicate (unconnected) with other people in high noise environments, whilst also protecting your hearing and retaining awareness of your surroundings.

Unitract Safety Syringes

Unilife Medical Solutions Ltd

Unitract safety syringes deliver optimum injection safety. The integration of automatic (passive), user-controlled needle retraction and auto-disabling features into a complete medical device represents a major competitive advantage for Unilife.

The Moose Mobiliser

About Time Technologies Pty Ltd

Major surgical patients arrive back to the ward now with multiple pumps, drains, monitors and oxygen. These recovering patients need to be walked six to eight times

per day, requiring two or more assistants and much equipment. The Moose was designed by a nurse to carry all equipment and comfortably assist the patient to mobilize solo, reducing complications, speeding recovery, reducing costs and freeing up beds for people on waiting lists.

Sustainable Energy

GridX Tri Generation System at Mirvac Vision Estate, Glenfield, NSW

GridX

GridX generates electricity from natural gas for Mirvac's Vision Estate, capturing the by-product of on-site generation to provide electricity, heating and cooling for buildings, delivering significant environmental benefits.

Second Generation Sliver Technology

Mature SLIVER Technology, using our innovative cell handling, assembly, and electrical interconnection processes to form Raft SLIVER cell sub-modules could reduce PV module manufacturing costs by 60%, providing an economical, environmentally sustainable, renewable energy technology.

Sustainable Services

Driving sustainable outcomes through innovative online solutions

WSP Environmental

WSP Environmental's Online Solutions innovation is to provide the world's leading environmental regulatory advice service for the global electronics sector.

Extended Gravity Oil Water Separator

University of NSW, Water Research Laboratory

The EGOWS™ oil-water separation concept achieves an order of magnitude improvement in the quality of stormwater released to the environment from industrial sites and is uniquely capable of capturing a major oil spill.

Pancam - in-service inspection of locomotive pantographs

Hamey Vision Systems Pty Ltd

Pancam is a railway trackside imaging system that inspects locomotive pantographs for wear and damage. Pancam's real-time maintenance alerts prevent damage to overhead wiring, saving an estimated \$1m per month.

Agriculture and Food Production

LOS + P Fertilizer

CSR Ethanol

LOS & P Fertilizer is the only registered fertiliser made from an Ethanol by-product with an NPKS ratio that can replace granular fertiliser in Australia & overseas that is recycled back into sugarcane production each year. It is a renewable fertiliser.

Low Temperature Dessicant Air-Drying Equipment

AgriDry RFM Australia Pty Ltd

The AgriDry dehumidifier uses a liquid desiccant to dry air (12-20% RH), allowing sensitive products to be dried. Solar energy is used for regeneration. The major benefits are reduced energy use and reduced greenhouse gas emissions.

Yield Prophet

ABirchip Cropping Group

Yield Prophet® is an online crop simulation tool that provides grain growers and their advisors with dynamic, real-time forecasts of likely crop yield. It is an innovative solution to the problem of climate variability and risk management.

Performance Materials

21st Century Brand and IP Protection

DatatracedNA

DatatracedNA is commercializing science developed by the CSIRO. DatatracedNA is a molecular tracking and authentication system targeted at the newly emergent and rapidly growing needs of industry for the protection of brands, industrial products, & bulk materials and the control of product diversion.

ILID Electronic Shelf Labels

ILID Pty Ltd

ILID Electronic Shelf Labels enable wireless updating of shelf edge information, marketing and pricing strategy direct to the shelf edge. Using Visible Light Technology (VLT™), updates are sent to the shelf edge via existing lighting.

Zelfo Biodegradable Material

Zelfo Australia Ltd

The first commercial manufacturer in the world of Zelfo - a material made from 100% plant material. It is very strong, mouldable, completely bio-degradable, can be treated like wood, and has a unique, attractive appearance.

Tertiary Student Award

Development of New, Non-Steroidal Anti Asthma Drugs

Jacki Kitching, Research School of Chemistry, Australia National University

A series of non-steroidal agents have been discovered that have the potential to treat asthma and related inflammatory diseases. These act via a novel mechanism and avoid the adverse effects often associated with the use of steroids.

Recovery of Astaxanthin

Renuka Karuppuswamy, University of NSW

The powerful antioxidant is recovered from prawn waste economically. This method eliminates the problems associated with solvent extraction, solves waste disposal problem, and offers solvent recyclability thus protects the environment.

Garden Angel

Anthony Chan, Australian National University, Perpetual Water

An innovative grey water system designed to condition used water from washing machines. This product provides an affordable solution to conditioning grey water which unlike raw grey water, is suitable for long-term use in gardens.

For more information, visit our website, [DuPont Australia & New Zealand Innovation Awards](#)