



PRIME MINISTER
MINISTER FOR INNOVATION, INDUSTRY,
SCIENCE & RESEARCH

TRANSFORMING INDUSTRY FOR A GREENER FUTURE

Australia's leading clean technology companies were showcased today at an event launched by Prime Minister Julia Gillard and Innovation Minister Senator Kim Carr.

The *Clean Technology Showcase* presented work from innovative Australian companies who are already at the cutting edge of new green technologies.

The Gillard Government is helping Australian businesses develop clean energy technologies as part of our Plan for a Clean Energy Future.

Through our Clean Technology Program we are providing \$1.2 billion to help our manufacturers make investments into clean energy opportunities here in Australia.

A new \$10 billion commercially oriented Clean Energy Finance Corporation will also be established to drive innovation through commercial investments in clean energy through loans, loan guarantees and equity investments.

This support is in addition to our record investment of \$9.4 billion into science research and innovation this financial year.

Putting a price on pollution will also encourage companies to innovate and invest in new technologies to use energy more efficiently.

The Prime Minister said that investment in clean technologies was good for businesses, good for jobs, good for our environment and our economy.

Innovation here at home will also open up huge opportunities on the international market where we can become leaders of technologies of the future.

Minister Carr said the power and potential of clean technology was demonstrated by Carbon Revolution (CFusion Pty Ltd), an exhibitor at the Showcase.

This Australian company is commercialising the world's first one piece carbon fibre automotive wheel, which offer huge weight savings and therefore efficiency and performance benefits to the global automotive industry.

Carbon Revolution is now collaborating directly with the world's largest and most sophisticated vehicle manufacturers in Europe to bring this technology to the market in large volumes.

This is just one example of how embracing clean technology can open up huge global opportunities. Through Clean Energy Future and the innovation agenda, the Gillard Labor Government will help many more Australian firms transform and access these opportunities.

**CANBERRA
18 AUGUST 2011**

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Clean Technology Showcase companies

The following Clean Technology Showcase companies have developed projects that are at the cutting edge of clean technology innovation in Australia.

Victoria

- Cfusion - Carbon Revolution - is developing the world's first one piece carbon fibre automotive wheels.
- Techni Waterjet's high-pressure cutting machines can work on steel, glass and marble - the only company in the world that manufactures this technology.
- MicroHeat has used on research and development of advanced systems in the field of continuous flow electric water heating technology to produce an electric continuous flow water heater.
- F Cubed's Carocell Direct Solar desalination panels produce safe, high quality potable water from sources including seawater, groundwater and contaminated or polluted water.
- Rubicon Water designs, manufactures, installs and maintains irrigation automation hardware and software.
- Auto CRC, SMR, UniSA combined to make automotive mirrors from glass, a reduction in weight of the mirror reflector by 50% and therefore a possible collective reduction in greenhouse gas emissions due to the reduced mirror mass of up to 400,000 tonnes of CO₂ over five years.

New South Wales

- Flip screen is a screen attachment for heavy machinery to transform waste destined for landfill into useable product.
- Licella has used innovative technology for converting woody raw materials to biofuel and bioalcohol.
- Oceanlinx is a leading international company in the field of wave energy conversion. The company has developed proprietary technology for extracting energy from ocean waves and converting it into either electricity or desalinated sea water.
- Overall Forge, general steel forge producer for customers in oil, gas, mining and heavy duty industries, has reduced gas consumption in furnaces and utilised hot exhaust gas for its burners.

ACT

- Windlab's turbulence prediction model predicts the occurrence of wind turbulence at prospective wind energy sites, improving the ability to optimally locate turbines for improved performance.
- Wizard Power's The Big Dish, the world's highest performing commercial solar thermal concentrator is a 500m² concentrating solar collector that accurately focuses direct beam radiation from the sun to concentrations in excess of 2000 times.

South Australia

- Tarac makes fortified wine enhancers from 78 per cent of the nation's wine waste.

Western Australia

- Morton's Seed & Grain Pty Ltd use waste oat hulls and husks to produce energy to run their boiler to produce their processed oat products, replacing the need for more than \$400,000 a year in LPG.