

EMBARGOED UNTIL 9:00AM, 15 JUNE 2015

BLUEBOTTLES, TUNA, CREMATION AND SPINFEX ALL FEATURE AS AUSTRALIA'S BEST TECHNOLOGIES ANNOUNCED

Key Highlights:

- 30 of Australia's leading technology companies short listed into the Australian Technologies Competition (ATC) Business Accelerator
- Exceptional quality of entrants taking world leading innovation to global markets
- Industry leading innovators in the sectors of energy, manufacturing, food & agritech, mining, smart buildings and global development

The Australian Technologies Competition (ATC) has today shortlisted thirty of Australia's most exciting technology companies for the ATC15 Business Accelerator. These semi-finalist companies are industry leading innovators with the capability to become game-changers in the sectors of energy, manufacturing, food & agritech, mining, smart buildings and global development.

Now in its fifth year, the ATC seeks to find, mentor and develop Australia's best technology companies that focus on improving industry efficiency, resource use and competitiveness. The ATC15 Business Accelerator helps turn good technologies into great businesses.

The judging panel features the country's leading experts in commercialisation, finance, intellectual property and technology development. With a focus on building global success stories, the judges are looking for not only the best technologies but also the best managers and the best business plans.

The 128 entries have jointly spent \$225 million to date developing their technologies and have 440 employees. Whilst many of the thirty Semi Finalists are already selling solutions, they are jointly seeking an additional \$50m to bring all the solutions to market.

The Semi Finalists are developing a range of incredible innovations that address the big growth opportunities and challenges of the future. Solutions for food, agriculture, energy security and mining will create new knowledge and skills intensive industries that will be Australia's future. This year's Semi Finalists includes improved hooks for tuna fishing, water-based cremation, unmanned ocean vehicles called Bluebottles and resin for manufactured timber made from spinifex.

"The quality of entries has again taken a step up", explained John O'Brien, the competition organiser. "We are thrilled to see so many amazing companies with their eyes firmly set on global markets. We receive incredible feedback on the value of this program and it is always a privilege to work with so many talented entrepreneurs."

The Principal Sponsor of the Competition is Autodesk, a leading software company that strives to help people imagine, design and create a better world. In addition to offering highly subsidised access to its design software through the Autodesk Clean Tech Partner Program, the company mentors Competition Finalists on how they can use technology to optimise product.

For further information on the Australian Technologies Competition visit www.austechcomp.com

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THIRTY ATC15 SEMI-FINALISTS

Company	State	Technology
5B Australia	NSW	5B Australia is developing is a prefabricated, portable, modular solar PV power system for use where energy needs are changeable, short-term or over multiple sites.
ABM Combustion	VIC	ABM Combustion designs, manufactures and installs waste gas handling and gas compression equipment, predominantly in the landfill gas and abattoir waste water treatment industries.
Aquamation	VIC	Aquamation's Water Cremation technology uses water instead of gas fired incineration to cremate bodies and reduces energy use, emissions, toxic fumes and airborne mercury pollution.
Calix	NSW	Calix has developed a micron-sized MgO particles for use as a tailored water-conditioning product "AQUA-Cal+" for the aquaculture industry.
CIM Environmental	NSW	CIM Enviro's ACE Platform identifies the root cause of human, software and hardware faults within mechanical and control systems in the built environment.
Corky's Sustainable Energy	NSW	Corky's VAM RAB is a method of safely abating coal mine methane from an underground coalmine's ventilation air which is variable in terms of flow, methane and dust concentration.
Flourosol Industries	VIC	Flourosol's transparent solar panel redirects light to the edge of the glass or polymer which is then converted to electricity using small PV cells affixed to the edge of the sheet.
FluidIntel	NSW	FluidIntel's fuel and lubricants management system enables fuel reductions of 2-5% for the mining sector.
Fulcrum3D	NSW	Fulcrum 3D's CloudCAM is an advanced ground-based sky imaging system that identifies, categorizes, tracks and predicts cloud movement and shadow for solar power stations.
GreenSync	VIC	GreenSync's PeakResponse™ and MicroEM™ products reduce network, customer and generation peaks to provide energy optimisation and demand management.
HabiDapt	WA	HabiDapt's Energy Management System (EMS) delivers energy management services to households and SMEs.
Heat Trap Solar	WA	Heat Trap Solar combines roof mounted solar hot water with a heat pump booster to provide the most energy efficient means of heating water.
Impacts Solar	QLD	Impact Solar's technology uses solar thermal to provide low-cost heat for desalination, process heat and steam, thermochemical processing and electricity generation.
Independent Products	VIC	Independent Products' Hybrid HVAC is retrofittable and delivers an average a 30%-40% energy reduction on cooling costs compared to conventional HVAC units.
Me3D	NSW	Me3D has developed a range of low cost 3D printers that have been designed with a focus on learning and the education of additive manufacturing.
Melville Equipment	NSW	Melville Equipment has developed a machine to safely remove Pandrol Elastic railway fasteners that hold the rail to the sleepers and can become rusted into position and difficult to remove.
MetaFlush	QLD	MetaFlush® is a radical new valveless toilet flush control system that is ultra-simple and does not waste water through leakage.
Metro Power Company	WA	Metro Power E2M product is a smart grid analytics platform for large grid network operators that predicts future rolling peak electricity loads across their grid, 96 hours ahead of time.
Oceansmart	QLD	Oceansmart's Smart Tuna Hook system prevents hundreds of thousands of endangered seabirds and turtles taking baited hooks, subsequently becoming hooked and killed on longlines.
Ocius Technology	NSW	Ocius Bluebottles are a new type of Unmanned Surface Vessels (USVs) that have 2-5 times the power, payload and performance compared with known competitors.
Pacific Environment	NSW	Pacific Environment's EnviroSuite is a proactive environmental management system that enables clients to maximise operational efficiencies and meet their regulatory compliance obligations.
Polymeric Powders	VIC	Polymeric Powders' new flexible plastic-rubber composite material has improved properties for shock absorption, crack resistance and thermal and acoustic insulation.
Ptronik	NSW	PTronik's pMC Master Controller monitors and controls dust collection equipment and filters to reduce energy costs of 40-60% and extend filter bag life by 30%.
Reedbed Technology	VIC	Reedbed Technology's 'Reedcell' is environmentally friendly, simple to operate and successfully treats wastewater, industrial wastewater, mining wastewater and contaminated groundwater.
Renewable Energy Solutions Australia	QLD	RESA's VoltLogic operates as an inverter/charger for renewable energy and improves power quality through voltage regulation, power factor correction and phase balancing in grid networks.
Southern Innovation	VIC	Southern Innovation's SITORO® is a real-time digital signal processing technology for radiation-based materials analysis across a range of industries.
Spinifex Resins	NT	Spinifex Resins has developed an organic, non-toxic, Resin extracted from the Spinifex plant that provides a cost competitive, renewable, non-fossil fuel solution for engineered timber products.
Sustainable Infrastructure Solutions	VIC	Sustainable Infrastructure Solutions' scalable solution to eutrophication, the chronic contamination of water bodies, provides a means of recovering unusable fresh water resources.
Switch Automation	NSW	Switch Automation's system is a cloud-hosted, holistic enterprise operations platform for managing buildings and other physical assets.
World Environmental Solutions	NSW	World Environment Solutions' technology provides freshwater from the atmospheric moisture combined with its Thermal Energy Agriculture™ system which accelerates the plant growth.