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ATC 2017

OFFICIAL LETTERHEAD

## AUSTRALIA'S BEST EMERGING TECH COMPANIES ANNOUNCED

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### Key Highlights:

- Sixteen of Australia's best emerging technology companies have been named as Finalists for the Australian Technologies Competition 2017 (ATC17)
- These Finalists will battle it out in front of the judges at Showcase events in Melbourne & Sydney

Industry leading innovators in the sectors of energy, manufacturing, food & agritech, mining, medtech & pharma, cyber security and smart cities are represented in the prestigious Australian Technologies Competition (ATC) Finalist shortlist for 2017.

Now in its seventh year, the ATC has today announced its Finalists across eight industry categories. This follows on from the extensive mentoring and Business Plan judging by the competition's eminent panel of experts. 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.

These top innovators will now battle-it-out in front of a live audience in the final rounds of the annual competition. The Cleantech Showcase in Melbourne on 12 October at the All Energy conference will see the Winners of the New Energy and Smart Cities Awards decided.

The remaining Awards, including the Australian Technology Company of the Year 2017, will be won and lost at a Showcase & Awards event to be held in Sydney on 16 November. The overall Australian Technology Company of the Year 2017 will be announced in Sydney by Hon Craig Laundy MP, the Assistant Minister for Industry, Innovation and Science.

This year's 32 Semi Finalists have jointly spent \$56 million to develop their technologies and have over 200 employees. They are jointly seeking an additional \$45m of investment to bring the solutions to market. To facilitate this, the Semi Finalists will be meeting Australia's best tech investors at investor speed-dating sessions on the morning of the awards.

Competition Organiser John O'Brien says he is on a mission to turn great technologies into great businesses, *'We aim to find the best companies, provide them with the best mentoring possible and connect them with global partners, including on our trip to Hong Kong and Shenzhen in October. We want to help create multi-billion-dollar global success stories.'*

The Finalists are leading Australia's creation of new knowledge and skills intensive industries that will forge Australia's position in global high-tech markets.

Supporters and partners for the 2017 program include the Department of Industry, Innovation & Science, the Federal Government's Industry Growth Centres and industry associations including AustMine, AusBiotech, AMTIL and the Facilities Management Association. In addition, export opportunities are provided through the support of UK Department for International Trade and the Hong Kong Trade and Development Council.

Further information and Event Details at [www.austechcomp.com](http://www.austechcomp.com)

Australian Cleantech Showcase, Melbourne, 12 October

Australian Technologies Showcase, Sydney, 16 November



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# THE ATC17 FINALISTS (*Alphabetical per award*)



AWARD	FINALISTS	AWARD	FINALISTS
<b>Advanced Manufacturing</b>	Imagine Intelligent Materials Pinssar	<b>Medtech &amp; Pharma</b>	BCAL Diagnostics Iris Biomedical LiVac
<b>Cyber Security</b>	PassMark Software Penten XO.1	<b>Mining Technology</b>	EVO CRA Mining & Process Solutions Pinssar
<b>Energy Resources</b>	Imagine Intelligent Materials Innovative Engineering Products	<b>New Energy</b>	Future Grid Microbiogen
<b>Food &amp; Agribusiness</b>	FluroSat Microbiogen	<b>Smart Cities</b>	Prermonition XDI – Cross Dependency Initiative

## FINALIST DESCRIPTIONS (*Alphabetical*)

Finalist	State	Description
BCAL Diagnostics	NSW	BCAL Diagnostics is commercialising a transformational test that enables the early and accurate detection of breast cancer from a routine blood sample. The BCAL Diagnostics test is more readily accessible, more accurate than mammography and is available to women of all ages.
EVO CRA	TAS	EVO CRA'S Ozofractionative Catalysed Reagent Addition (OCRA) process is an advanced water treatment process that removes a wide range of chemical, biological and solid contaminants from water. OCRA was developed to treat Acid Mine Drainage.
FluroSat	NSW	FluroSat enables applied precision agriculture and decision making in cropping through a suite of decision-support tools based on aerial and satellite images. The benefits to growers are saving on input costs, reduced yield losses due to pro-active intervention.
Future Grid	VIC	Future Grid makes every data point matter. The Future Grid Platform processes billions of data points per day to create meaning and value for enterprises (cutting processing time and cost by up to 90%). This allows enterprises to innovate faster, create value in real-time and ultimately delight their customers.
Imagine Intelligent Materials	NSW	Imagine Intelligent Materials develops functionalised graphene materials that are electrically conductive and act as sensors. The first product is a graphene coating for geotextiles that is used to locate leaks from very small holes in linings used for tailings dams.
Innovative Engineering Products	NSW	Innovative Engineering Products has developed a new type of cutting pick for the underground coal mining industry that mitigates the risk of methane explosion by inserting copper into the steel body of the pick and reducing the thermal intensity of frictional hot streaks.
Iris Biomedical	WA	Iris Biomedical is developing a multimodal assessment product for fetal asphyxia and distress during birth using a medical device capable of continuously monitoring fetal biomarker levels and displaying these results on an external display unit.
LiVac	VIC	Livac develops and markets novel surgical retractors. The LiVac Retractor System is used to retract the liver during upper gastrointestinal tract laparoscopic surgery with minimal trauma to patient.
Microbiogen	NSW	Microbiogen's platform technology improves and adds new industrial characteristics to the yeast <i>Saccharomyces cerevisiae</i> that enable the development of new yeast strains that are more temperature and acid tolerant, faster at fermentation and produce higher starch ethanol yields.
Mining & Process Solutions (MPS)	WA	Mining & Process Solutions' alkaline glycine leaching process offers a new way to extract copper and nickel from ores without the cost, safety risks, and long-term environmental problems of acid leach processes. The process is unique in its ability to co-extract gold with greatly reduced or zero cyanide usage.
PassMark Software	NSW	PassMark Software's OSForensics V5 software suite provides law enforcement agencies with a fully automated solution for digital investigation by extracting vital data and evidence more quickly and efficiently than other digital forensics systems through high performance file searching and indexing.
Penten	ACT	Penten's AltoCrypt™ Stik is a secure, small and discrete USB device that enables mobile access to the most sensitive of classified government networks.
Pinssar	QLD	Pinssar has released the world's first real-time continuous Ambient Air Diesel Particulate Matter (DPM) Reader (Monitor) for harsh environments and to protect worker and public health and well-being.
Prermonition	NSW	Prermonition optimises fleets in real-time by combining artificial Intelligence and machine learning to provide Autonomous Logistics that adapts to traffic congestion, delays and missed deliveries.
XDI – Cross Dependency Initiative	NSW	XDI is an infrastructure risk and resilience software platform that provide infrastructure managers and owners a means to quantify and plan for weather and climate risk and resilience.
XO.1	NSW	XO.1's SecureVote is the world's most secure, scalable and resilient internet voting system which is smartphone enabled and addresses all the current technical challenges of internet voting.