

Australian Technologies Competition

NATIONAL FINALS

14 - 15 October 2020 | 2pm - 6pm Melbourne

Online Event

2020



Australian Technologies Competition

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NATIONAL FINALS

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Online Event

WEDNESDAY 14 OCTOBER

- 2.00PM** **Welcome**
Patrick Mooney
Impact Tech Ventures
- 2.10PM** **Keynote**
The Hon. Lily D'Ambrosio
Victorian Minister for Energy, Environment and Climate Change
- 2.30PM** **Pitches by Finalists - ENERGY**
- Village Energy
 - Vanguard Wireless
- 3.00PM** **Pitches by Finalists - SMART CITIES**
- Ybern
 - BindiMaps
- 3.30PM** **Break**
- 4.00PM** **Pitches by Finalists - DISASTER & EMERGENCY**
- Helitak Fire Fighting Equipment
 - FloodMapp
- 4.30PM** **Pitches by Finalists - FOOD & AGRIBUSINESS**
- Farmbot
 - AirSeed Technologies
- 5.00PM** **Break**
- 5.30PM** **Pitches by Finalists - GLOBAL SOCIAL IMPACT**
- 4ize
 - OLEOLOGY
- 6.00PM** **End of Day 1**



NATIONAL FINALS

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THURSDAY 15 OCTOBER

- 2.00PM** **Welcome**
Patrick Mooney
Impact Tech Ventures
- 2.10PM** **Pitches by Finalists - MEDTECH & PHARMA**
- Electrogenics
 - Navi Medical Technologies
- 2.40PM** **Pitches by Finalists - CYBER SECURITY**
- Castlepoint Systems
 - Prophecy International
- 3.15PM** **Keynote**
The Hon. Jaala Pulford
Victorian Minister for Innovation, Medical Research and the Digital Economy
- 3.30PM** **Break**
- 4.00PM** **Pitches by Finalists - MINING TECHNOLOGIES**
- NextOre
 - HYDI
- 4.30PM** **Pitches by Finalists - SPACE + ADVANCED MANUFACTURING**
- HEO Robotics
 - AIS Water
 - Contactile
- 5.15PM** **End of Day 2**

MEET THE FINALISTS

#ATC20

4ize

4ize was formed to address the problem that one billion people worldwide are visually impaired simply because they lack access to glasses. There are not enough professionals to perform vision tests and prescription glasses are too expensive. Our invention, the 4eyes Vision Kit, addresses these barriers and opens a massive market opportunity while making a significant social impact.

#Global Social Impact



Dr Sarah Crowe
Founder & Director

Allan Aaron
Chief Executive Officer

AirSeed Technologies

AirSeed Technologies is an early stage Australian biotech and drone technology company that is radically changing reforestation economics through hyper-productive tree planting.

AirSeed's unique sustainable advantage is in our proprietary seed planting technology. The complete solution is a data-rich, safe, and scalable approach that leverages open source solutions for aspects from landscape mapping, to manufacturing and post-planting analytics.

#Global Social Impact
#Food & Agribusiness



Andrew Walker
Cofounder & Mechanical Engineer

MEET THE FINALISTS

#ATC20

AIS Water

AIS Water provides a safer way of chlorinating pools. Traditionally, chlorine is manually handled, which is cumbersome and dangerous.

Our award-winning technology generates chlorine inside the water. It is cost effective, saves water, eliminates the need to transport, store and handle chlorine and is suitable for pools of any size.

#Advanced Manufacturing

BindiMaps

BindiMaps is Australia's largest provider of accessible indoor navigation. BindiMaps has developed a navigation system which assists people of all abilities to navigate complex indoor spaces such as shopping centres, airports, healthcare institutions, commercial office buildings and other unfamiliar spaces. It's the app you open when you walk indoors.

#Smart Cities



Elena Gosse
Chief Executive Officer



Mladen Jovanovic
Chief Operating Officer

MEET THE FINALISTS

#ATC20

Castlepoint Systems

Castlepoint uses AI to read every data item in a network and determine what it is about. It automatically relates records together across systems, and determines what regulations apply. It provides command and control across the environment, with compliance, security, discovery, and audit, with no impact on users or source systems.

#Cyber Security



Rachael Greaves
Chief Executive Officer

Contactile

At Contactile, we have developed a world leading technology that gives robots a human sense of touch which is a critical component of human dexterity. Our vision is to develop robots that match and surpass human dexterity, so that robots can assist people to do dull, dirty and dangerous jobs.

#Space #Advanced Manufacturing



Dr Heba Khamis
CEO & Cofounder

MEET THE FINALISTS

#ATC20

Electrogenics

The MOSkin is a next generation, cost-effective wireless medical radiation sensor technology that precisely measures radiation skin doses and actual dose rates in real time in tissue and organs. It is the only sensor today that meets the International Commission on Radiation Measurements and Units standard. The number of patients suffering from unwanted tissue or organ damage or dying from secondary tumours resulting from radiotherapy treatments for cancer, angiograms, spinal surgery, diagnostic and interventional scans (X-ray and CT) can now be significantly reduced or prevented.



Kim Lyle
Chairman

#Medtech & Pharma

Farmbot

Farmbot was founded in 2014 and is a leading Australian Agtech company. The company monitors and reports on Farm water ecosystems delivering near real time reporting on water trends, consumption and alerts, saving businesses time and money. As water is the lifeblood of all agricultural endeavours, a detailed understanding of its usage helps farmers make better management decisions around asset utilisation, resource allocations and carrying capacities.



Andrew Coppin
Managing Director

#Food & Agribusiness

MEET THE FINALISTS

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FloodMapp

FloodMapp offers world-first flood modelling solutions, purpose-built for flood forecasting and early warning. Aimed at improving safety and preventing damage, the proprietary technology reads in real-time and forecasted rainfall and river height data, which models use to estimate predicted peak river heights and generate flood inundation mapping at scale.

#Disaster & Emergency



Juliette Murphy
CEO & Cofounder

Helitak Fire Fighting Equipment

Helitak Fire Fighting Equipment is Australia's specialists Aerial Firefighting Suppression Systems manufacturer supplying Helicopter Fire Tanks around the World. The Helitak point of difference is the expandability of the tank upon filling providing the maximum water load that the aircraft can lift and delivering a controllable water drop pattern to combat Bushfire and Wildfires.

#Disaster & Emergency



Paul Blundell
Operations Manager

MEET THE FINALISTS

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High Earth Orbit (HEO) Robotics

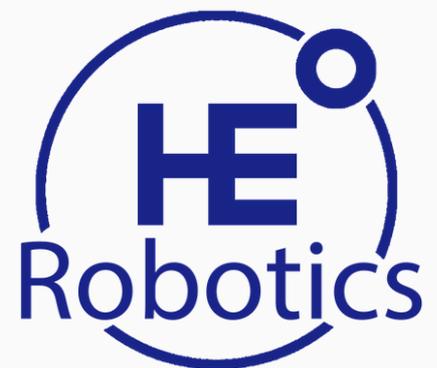
HEO Robotics helps spacecraft operators maintain their spacecraft by providing analytics from data not otherwise available. The company provides a click-and inspect model, where they image verified customers' spacecraft from cameras on other satellites as they fly past each other, allowing image quality not previously available. HEO Robotics then runs proprietary analytics tools over the data captured in the images to provide customers with actionable insights to maintain their satellites.

#Space

HYDI

HYDI manufactures an innovative hydrogen on demand unit to supplement fuel for diesel engines by introducing a controlled amount of hydrogen. Successful in reducing carbon emissions harmful to the environment, HYDI's unit also provides an ongoing return on investment by reducing fuel costs for a variety applications including mining, marine, heavy industry and transport.

#Mining Technologies #Energy



William Crowe
Chief Executive Officer



John Wilson
Managing Director

Roger van der Lee
Chief Executive Officer

MEET THE FINALISTS

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Navi Medical Technologies

Navi is a medical device company focused on delivering innovations that help children live brighter, healthier futures. Navi's first product, the Neonav, will enable the clinicians safely place central lines in critically-ill newborn babies.

#Medtech & Pharma



Mubin Yousuf
Chief Technology Officer

NextOre

NextOre was founded as a collaboration between expert scientific researchers, engineers, and financiers to supply new radio-spectroscopy sensor-technology into the mining industry. Our MR technology enables miners to adopt a precision approach, with vast reductions in electricity, water and reagent consumption through precisely automated digital systems.

#Mining Technologies



Chris Beal
Chief Executive Officer

MEET THE FINALISTS

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OLEOLOGY

OLEOLOGY's expertise in water treatment offers advanced solutions to enable recycling /decontaminating water quicker, simpler, and more cost-effective. Efficiently removing organics, oils, hydrocarbons, mercury and PFAS to below detectable levels. OLEOLOGY's solution is a small footprint able to remove free oil, dispersed and emulsified hydrocarbons to the environment, well below regulatory requirements.

#Global Social Impact

Prophecy International

Prophecy is an Australian success story in the Cyber Security and compliance markets. More than 4000 companies using our security monitoring tools to secure their business and meet regulatory compliance. Operating globally with all R&D done in Australia. Delivering Australian tech innovation to the world.

#Cyber Security



Paul Callaghan
Director



Brad Thomas OAM
Chief Executive Officer

MEET THE FINALISTS

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Vanguard Wireless

Vanguard Wireless design and manufacture emergency alert systems that construction and civil works businesses use to raise an alert during an evacuation or medical emergency. Our high tech systems improve emergency response processes with clear communication, SMS alerts and push notifications.

#Disaster & Emergency #Energy



Igor Kazagradi
CEO and CoFounder,

Village Energy

Village Energy optimises the social, technical and commercial performance of electricity distribution systems using AI, not infrastructure. We have a software and hardware enabled platform that captures sub-household level supply and demand data and applies machine learning algorithms and artificial intelligence to control local grids in real-time.

#Energy



Ben Hamilton
Chief Executive Officer

MEET THE FINALISTS

#ATC20

Ybern

Ybern provide a 100% Australian owned ticketless parking solution that provides a 98+% camera read accuracy and a seamless and contactless way to use gated, and non-gated Car Parks; accessible on a desktop, Laptop, Tablet, iPad, iPhone and Android phone anywhere, anytime.

#Smart Cities



Vaso Stojackovic
Founder & CEO

ATC JUDGES

#ATC20



Lyle Abel



Giles Bourne



Alistair Coulstock



Priya George



Melina Georgousakis



Phil Hodgson



Rachel Hooke



Jo Hume



Saurabh Mishra



Stephanie Moroz



Susan Oliver



John O'Brien



Melissa Osborne



Grant Steinberg



Sylvia Tulloch



Anastasia Volkova



John Williams

Read about
our Judges



SCAN ME



SPONSORS

#ATC20

National Sponsor



Australian Government
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Energy and Resources**

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Technology & Digital Partner



PARTNERS

#ATC20



HATCH
QUARTER



Australia China Business Council
澳大利亚中国工商业委员会

AUSTRALIAN
OCEAN ENERGY
GROUP

ABOUT ATC

#ATC20



**AUSTRALIAN
TECHNOLOGIES**
COMPETITION

Owned and managed by Impact Technology Ventures (ITV), the Australian Technologies Competition identifies and accelerates Australian technology 'scaleups' with global potential.

The Competition brings experienced entrepreneurs, business builders, angel investors, venture capital funds, commercialisation experts, corporates and government representatives together with founders in a collaborative environment. It has a strong focus on equipping founders with the skills and contacts to develop and manage high growth companies in international markets.

austechcomp.com



**IMPACT TECH
VENTURES**

AWARDS CEREMONY

JOIN US ON 20 OCTOBER



