Australian Technologies Competition

# ATC20 WINNERS

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# 2020 WINNERS

## Winners

- **Advanced Manufacturing Award -** Contactile

- **Cyber Security Award** - Castlepoint Systems

- **Disaster & Emergency Award** - Helitake Fire Fighting Equipment

- **Energy Award** - Village Energy

- **Food & Agribusiness Award** - Farmbot

- **Global Social Impact Award** - 4ize

- **Medtech & Pharma Award** - Electrogenics

- **Mining Technologies Award** - NextOre

- **Smart Cities Award** - BindiMaps

- **Space Award** - HEO Robotics

- **Alumni Achievement Award** - AgriDigital

- **Australian Technology Company of the Year Award** - Electrogenics

## 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.

**WINNER: ADVANCED MANUFACTURING AWARD**



**Dr Heba Khamis**
CEO & Cofounder

## 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.

**WINNER: CYBER SECURITY AWARD**



**Rachael Greaves**
Chief Executive Officer

## 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.

**WINNER: DISASTER & EMERGENCY AWARD**



**Paul Blundell**
Operations Manager

# MEET THE WINNERS

## 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.

**WINNER: ENERGY AWARD**

**Ben Hamilton**
Chief Executive Officer

## 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.

**WINNER: FOOD & AGRIBUSINESS AWARD**

**Andrew Coppin**
Managing Director

## 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, the4eyes Vision Kit, addresses these barriers and opens a massive market opportunity while making a significant social impact.

**WINNER: GLOBAL SOCIAL IMPACT AWARD**

**Dr Sarah Crowe**
Founder & Director

**Allan Aaron**
CEO

# MEET THE WINNERS

## 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 can now be significantly reduced or prevented.

**WINNER: MEDTECH & PHARMA AWARD**
**AUSTRALIAN TECHNOLOGY COMPANY OF THE YEAR** ⭐

**Kim Lyle**
Chairman

## 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.

**WINNER: MINING TECHNOLOGIES AWARD**

**Chris Beal**
Chief Executive Officer

# MEET THE WINNERS

## #ATC20

## 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.
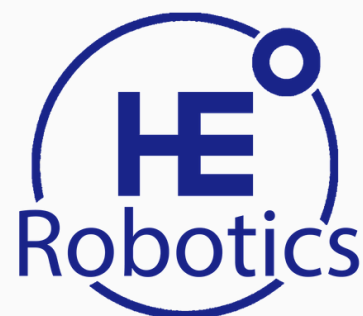
**WINNER: SMART CITIES AWARD**

**Mladen Jovanovic**
Chief Operating Officer

## 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.

**WINNER: SPACE AWARD**

**William Crowe**
Chief Executive Officer

## AgriDigital

AgriDigital is a platform to digitize and grow grain supply chains.

**WINNER: ALUMNI ACHIEVEMENT AWARD**

**Emma Weston**
CEO & Cofounder

# 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

# 2020 FINALISTS

**#ATC20**

| Company | State | Nominated for: |
|---|---|---|
| 4ize | NSW | Global Social Impact |
| Airseed Technologies | NSW | Food & Agribusiness \| Global Social Impact |
| AIS Water | QLD | Advanced Manufacturing |
| BindiMaps | NSW | Global Social Impact \| Smart Cities |
| Castlepoint Systems | ACT | Cyber Security |
| Contactile | NSW | Space \| Advanced Manufacturing |
| Electrogenics Laboratories | NSW | Medtech & Pharma |
| Farmbot | NSW | Food & Agribusiness |
| FloodMapp | QLD | Disaster & Emergency |
| Helitak Fire Fighting Equip. | QLD | Disaster & Emergency |
| HEO Robotics | NSW | Space |
| HYDI | SA | Mining Technologies \| Energy |
| Navi | VIC | Medtech & Pharma |
| NextOre | NSW | Mining Technologies |
| OLEOLOGY | WA | Global Social Impact |
| Prophecy International | SA | Cyber Security |
| Vanguard Wireless | NSW | Disaster & Emergency \| Energy |
| Village Energy | WA | Energy |
| Ybern | NSW | Smart Cities |

# ABOUT ATC

**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.

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**IMPACT TECH VENTURES**

# CONTACT US

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**VENTURES**