Australian Technologies Competition
2020 Finalists
(Listed in alphabetical order by company)

Company	Description	State	Award Category
4ize	The 4eyes system has everything for people without prior training to test for, assemble and dispense affordable prescription spectacles to the one billion people in developing and remote communities worldwide, who are visually impaired without them	**NSW**	**Global Social Impact**
AirSeed Technologies	AirSeed Technologies is an environmental restoration company created to increase the throughput of global reforestation/re-vegetation	**NSW**	**Food & Agribusiness** **Global Social Impact**
Australian Innovative Systems (AIS)	Inline chlorine generation via electrolysis delivers a simpler, safer and smarter water disinfection method for fresh, salt and/or seawater swimming pools while simultaneously saving millions of litres of pool water from being wasted	**QLD**	**Advanced Manufacturing**
BindiMaps	Bindimaps assists people with vision impairment independently navigate large complex indoor spaces	**NSW**	**Global Social Impact** **Smart Cities**
Castlepoint Systems	Castlepoint is a regtech solution that reads, registers, classifies and manages high-risk and high-value information from all systems in a network	**ACT**	**Cyber Security**
Contactile	Our bio-inspired soft tactile sensor array gives robots a human sense of touch so that they can handle objects of varying size, shape, weight and surface material just as people do	**NSW**	**Space** **Advanced Manufacturing**
Electrogenics Laboratories	Wireless radiation dosimeter/sensor technology developed to precisely measure radiation dose skin depths and actual dose rates in real time	**NSW**	**Medtech & Pharma**

Farmbot Australia	Farmbot provides cost effective remote monitoring solutions for the agriculture industry that improve farm productivity and profitability	NSW	**Food & Agribusiness**
FloodMapp	Aimed at improving safety and preventing damage; FloodMapp is a world-first flood modelling solution, purpose built for flood forecasting, early warning and emergency management	QLD	**Disaster & Emergency**
Helitak Fire Fighting Equipment	Helitak has designed, tested and progressed a next-generation aerial firefighting suppression system for Helicopters to use whilst fighting bushfires and wildfires	QLD	**Disaster & Emergency**
High Earth Orbit (HEO) Robotics	HEO Robotics helps satellite operators manage their satellites by collecting visual data from cameras mounted on other satellites and then identifying faults	NSW	**Space**
HYDI	HYDI produces hydrogen on demand for controlled delivery to internal combustion engines, primarily large diesel engines, to increase power and efficiency while reducing fuel consumption and carbon emissions.	SA	**Mining Technologies Energy**
Navi Medical Technologies	Navi Medical Technologies is developing a medical device, the Neonav, that aids clinicians in safely placing central line catheters in critically ill newborn babies	VIC	**Medtech & Pharma**
NextOre	NextOre's Magnetic Resonance (MR) technology delivers highly accurate, real-time measurements of metal concentrations in broken rock at full-scale mining rates. MR Analysers allow waste rock to be identified and removed during mining in order to more efficiently produce essential metals, like copper and iron	NSW	**Mining Technologies**
OLEOLOGY	Advanced solutions to enable recycling and decontaminating water quicker, simpler, and more cost-effective with MyCelx technology to remove organics, oils, hydrocarbons, mercury and PFAS to below detectable levels	WA	**Global Social Impact**
Prophecy International	Snare is a scalable platform of cyber solutions including centralized log management, security analytics and SIEM designed to enable customers to detect and mitigate cyber threats and maintain regulatory compliance	SA	**Cyber Security**

Vanguard Wireless	Advanced emergency medical alert and evacuation systems for construction, industrial, health care and educational businesses	**NSW**	**Disaster & Emergency Energy**
Village Energy	Village Energy uses artificial intelligence to help communities and utilities thrive by making energy cheaper, cleaner and more reliable	**WA**	**Energy**
Ybern	We 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, that provides easy accessibility on a desktop, Laptop, Tablet, iPad, iPhone, and Android phone anywhere, anytime	**NSW**	**Smart Cities**

Finalists by Category

Advanced Manufacturing	AIS, Contactile	**Global Social Impact**	4ize, OLEOLOGY, BindiMaps, Airseed
Cyber Security	Castlepoint Systems, Prophecy International	**Medtech & Pharma**	Electrogenics, Navi Medical Technologies
Disaster & Emergency	FloodMapp, Helitak, Vanguard Wireless	**Mining Technologies**	NextOre, HYDI
Energy	HYDI, Village Energy, Vanguard Wireless	**Smart Cities**	Ybern, BindiMaps
Food & Agribusiness	Airseed Technologies, Farmbot	**Space**	Contactile, HEO Robotics