



Invest & Trade
WESTERN AUSTRALIA

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IT'S LIKE NO OTHER.

Global Growth Accelerator Program 2024-2025

Company directory

Feb 2025

Western Australia: A Global Hub for Innovation & Critical Technologies

Western Australia (WA) boasts a world class, dynamic innovation ecosystem underpinned by the State's internationally recognised research institutes, globally competitive manufacturing abilities, specialized industry precincts, and a highly skilled workforce. Supporting this ecosystem are WA's renowned universities, a first class vocational, education and training (VET) system, and a network of innovations hubs, incubators, and accelerators.

At the forefront of technological advancements, WA is driving innovation in critical and dual-use capabilities across defense, clean energy, health, and advanced manufacturing. WA is well-positioned to engage with U.S. investors, networks, and supply chains to accelerate global impact.

WA's thriving ecosystem of startups, scaleups, and industry leaders is pioneering transformative solutions in robotics, cybersecurity, quantum computing, and automation—technologies that are crucial to enhancing national security, sovereign resiliency, and economic growth.

With growing alliances under AUKUS Pillar I and Pillar II, WA innovators are uniquely positioned to contribute to critical U.S. capabilities while expanding their global reach. The [Global Growth Accelerator Program \(GGAP\)](#) bridges market entry gaps, equipping WA companies with the tools, insights, and connections needed to succeed in the U.S. market.

This directory showcases GGAP participants – 12 of WA's leading innovators and companies – each with the expertise and ambition to drive technological progress and forge strategic partnerships in the U.S market. We invite you to connect with these trailblazers and explore opportunities for collaboration, investment, and innovation.

Together, we can strengthen alliances, deliver real-world impact, and accelerate innovation through the advancement of the critical technology sector.



Table of Contents

Agili8	6
BoAB Community Partnerships	7
Electric Power Conversions Australia (EPCA)	8
Genvis	9
GeoMoby	10
Greenroom Robotics	11
Hyprfire	12
Materia Health	13
MTM Critical Metals	14
VetChip	15
VROC Australia	16
Whole.	17



Acknowledgement of Country

We acknowledge the traditional custodians throughout Western Australia and their continuing connection to the land, waters and community. We pay our respects to all members of Aboriginal communities and their cultures; and to Elders both past and present.





Agili8

Agili8 empowers frontline and remote workforce to work handsfree using XRAI Vision® smartglasses & smart phones in a 3D immersive virtual environment.

XRAI Vision® integrates extended reality, artificial intelligence, and computer vision into a simple, 1-click solution to connect to virtual experts anytime, anywhere, on any internet-enabled devices.

Co-developing innovative technologies with US partners, including NASDAQ listed Vuzix Corporation, we deliver knowledge on-demand in real time, solving time, distance, costs, logistical challenges, and expertise gaps with virtual experts, digital workflows and AI assistance. Saving lives while protecting the workforce from human errors and litigation, totally transforming the way humans see, learn, and work.

Applications include rural healthcare, remote troubleshooting, technical support, safety inspections, audit, asset management, human-machine teaming, and agile command & control across healthcare, defence, industrial, compliance, and education sectors.

Agili8 has won multiple grants and is Australia's Most Innovative Startup of the Year 2024 with global awards in AI, cybersecurity, innovation, XR healthcare technology, Tech For Good and Health, Wellbeing & Care Economy, featured on Innovation Nation TV, Channel 9 News, 6PR radio, and podcasts nationally.

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BoAb Community Partnerships

BoAb Co is an Indigenous technology company, designing & developing proprietary technology and software solutions to advance the outcomes of Indigenous communities and enterprises.

Our technology is developed in partnership with Aboriginal people, with the principles of Aboriginal data sovereignty central to our ethos. We believe in empowering Aboriginal people with data that is owned and protected by each community. By capturing Aboriginal data by, and with, Aboriginal communities, our tools enable unprecedented analysis with outcomes used to better inform policies, decisions, and strategies for generational progress.

Boab Co's vision is to achieve social equity and economic advancement through this approach to technology and sovereign data. We operate from a base in Western Australia and have technology and software development experts in Melbourne, Victoria. Our clients consist of businesses providing support and services to Indigenous communities, and Aboriginal Corporations representing Aboriginal people and businesses.

Company Contact

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Electric Power Conversions Australia

EPCA is proudly Aboriginal-owned and operated by Clayton Franklin, a Wunumara man from Cloncurry, Queensland. EPCA's primary activity is to retrofit diesel-powered mining haulage trucks, converting them into full battery electric trucks, contributing to the mining industry transition for a sustainable future and Australia's 2030 and 2050 carbon reduction goals.

The retrofit process involves removing the diesel engine and replacing it with an electric motor paired with high-capacity lithium-ion batteries, reusing as many components as possible. This conversion requires engineering expertise to ensure the electric powertrain delivers performance comparable to, or exceeding, the original diesel engine. By converting existing mining vehicles into fully electric systems, clients can expect significant savings in maintenance and operating costs because this eliminates the need to burn through thousands of litres of expensive diesel fuel.

EPCA successfully completed its first retrofit within 7 months of a CAT777D (100 tonne) truck from the original diesel-powered engine to a full-battery electric system. Beginning in November 2023, the retrofit reached completion in a landmark unveiling at the Electric Mines Conference, held at The Crown in Perth on 21 May 2024. EPCA is now expanding its product offerings to include retrofitted CAT 785 (150 tonne) trucks.

Company Contact

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Genvis

Genvis is revolutionising public safety by addressing critical emergency information-sharing and workflow challenges with innovative technology. From our Perth, Australia headquarters, we partner with governments, nonprofits, and human services providers to enhance collaboration and improve outcomes for communities and individuals in high-stakes situations.

Our flagship platform, Kudo, bridges the technology gap in public safety by enabling real-time, multi-agency, and multi-jurisdictional information sharing—from planning through response and recovery. Purpose-built for the unique demands of public safety, Kudo addresses siloed information, complex workflows, and the critical need for rapid, reliable communication.

With a proven track record in Australia and Canada, Genvis empowers public safety teams, frontline operators, and delivery partners to coordinate planning, respond dynamically, and recover effectively from incidents, crises, and emergencies. We prioritise support for impacted individuals while fostering safer, more equitable, and resilient communities.

At Genvis, our mission is simple but profound: to connect the right people with the right information at the right time, transforming how public safety is delivered worldwide. We envision a future where our fit-for-purpose technologies empower communities to respond to challenges with agility and confidence—whether personal or global.

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GeoMoby

GeoMoby is a leader in Real-Time Location Systems, (RTLS) providing innovative solutions specifically designed for underground mining and other complex environments. Utilising Bluetooth Low Energy (BLE) mesh networks, our cable-free, wireless technology eliminates the need for costly infrastructure, making deployment efficient and scalable.

Our solutions enable precise tracking of personnel, vehicles, and assets, even in the most challenging underground locations. By providing continuous monitoring and real-time data dashboards, GeoMoby enhances safety, improves operational efficiency, and supports resource optimisation. The system's wireless design ensures seamless communication and uninterrupted tracking in areas where other technologies simply cannot operate.

Founded in Western Australia, GeoMoby has successfully partnered with major mining companies to deploy our advanced solutions, revolutionising safety protocols and operational management in underground mining. Our mission is to drive innovation and transform how industries manage safety and efficiency in high-risk environments. By delivering practical, scalable technology, GeoMoby empowers mining operators to reduce costs, increase productivity, and ensure worker safety with cutting-edge location intelligence.

Company Contact

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Greenroom Robotics Pty Ltd

Greenroom Robotics: Transforming Maritime Operations

Greenroom Robotics is an Australian-owned, veteran-operated company delivering cutting-edge maritime software solutions designed to redefine the future of ocean operations. By harnessing advanced Robotics, Autonomous Systems, and Artificial Intelligence (RASAI), we provide transformative tools for maritime autonomy, situational awareness, mission command & control, and digitalization.

Our mission is to create safer and cleaner oceans through the ethical application of innovative technology. At the heart of our approach lies a modular suite of software products that enable the seamless integration of human-autonomy teams. These solutions empower both commercial and defense maritime sectors, driving operational excellence across four core pillars: autonomy, perception, mission management, and digital twins.

Whether enabling autonomous navigation, enhancing fleet performance, or optimizing mission-critical decision-making, Greenroom Robotics delivers unmatched expertise to help partners achieve their goals. By aligning technology with real-world challenges, we unlock new possibilities for safer, smarter, and more sustainable maritime operations.

Join us in shaping the future of maritime innovation.

Company Contact

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hyprfire

Hyprfire is an active-network cyber security company based in Perth, WA with clientele across all of Australia and internationally.

Hyprfire's Network and Detection Response (NDR) patented solution, Firebug, provides security teams with rapid network threat hunting capability. Our clients receive a daily update on critical network security events in their organisation and a weekly wrap-up summary of the key security events they need to know about on their network.

Hyprfire's mission is to empower organisations to confidently defend their virtual and physical networks against ever-evolving cyber threats. We strive to be the leading provider of network security solutions across the spectrum of enterprise and industrial technology networks.

Company Contact

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Materia Health

Materia Health is a Perth-based, clinician-led MedTech company committed to transforming transplantation care. Our mission is to preserve, protect, and transport donor organs and tissues, providing transplant recipients with the best chance of survival.

With global demand for donor organs and tissues at an all-time high, driven by an aging population and advancements in transplantation medicine, the need for innovation in organ preservation is critical. Current methods, unchanged since the first human kidney transplant in 1950s, are outdated and inadequate. Materia Health is addressing this gap with the MateriaPOD, a revolutionary solution poised to redefine the global standard of care.

The MateriaPOD is the world's first device capable of transporting both organs and tissues. It features patented active temperature control and monitoring technology, maintaining physiologically safe conditions tailored to individual organ and tissue types using proprietary cooling and rewarming algorithms. This ensures greater transplant viability, ultimately saving more lives.

Smart, portable, rechargeable, and reusable, the MateriaPOD is an economically and environmentally sustainable solution. Beyond transplantation, its precision cooling and rewarming technology has critical applications in Defence, enabling the preservation and transport of blood products and biologics in the field, as well as efficient rewarming for massive transfusions in military trauma settings.

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MTM Critical Metals Ltd

MTM Critical Metals Limited is an ASX-listed company located in Perth, Western Australia, with a dual focus on metal recovery technology development & mineral exploration. MTM possess exclusive licensing rights to the innovative Flash Joule Heating technology, a cutting-edge metal recovery and mineral processing method discovered at Rice University in the USA. Additionally, MTM holds mineral exploration assets strategically located in Western Australia and Québec, Canada.

Flash Joule Heating (FJH) is an advanced electrothermal process that enhances metal recovery and mineral processing compared to traditional methods. By rapidly heating materials in a controlled atmosphere, FJH efficiently extracts metals like lithium from spodumene, gallium from scrap, and gold from e-waste, among others. This technology has the potential to revolutionise metal recovery by reducing energy consumption, reagent use, and waste, offering a more economical and environmentally friendly alternative.

MTM holds exploration licenses in the West Arunta Nb-REE region, along with tenements in other key mineral regions across Western Australia, including the East Laverton Gold & Base Metals Project and the Mt Monger Gold Project. It also controls the Pomme Project, which is a highly promising carbonatite intrusion, rich in REE and niobium, located near the world-class Montviel deposit in Quebec, Canada.

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VetChip

VetChip is a West Australian biotechnology company dedicated to improving animal health and welfare through advanced sensors and AI.

VetChip's innovation is a smart, implantable biosensor for animals that monitors their health. Think of a tiny Fitbit for pets that goes under the skin.

Our technology will eventually revolutionise the way we care for all animals. VetChip provides an innovative portal into the inner workings of the animal body, and the potential insights are extensive.

Our market-entry point in the US is the Military K9 market. This market is highly regarded and represents a visible proof-point to assist in dual-use development. Our smart chip enables handlers to detect early warning of heat stress, illness, and exposure to toxins.

Our long-term target market is pet animals, however this is not a market that is currently viable due to the high technological entry requirements. To succeed in this market, we need to have established a strong base of support from vets, involving early user success, peer validation, and proven application in other markets.

VetChip's military use potential has already been established with the Australian Defence Force and we are now looking to replicate this success in the US.

VetChip won the 2024 Nestle-Purina Global Pet Care Innovation Prize, validating our global dual-use potential.

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VROC Australia

VROC is committed to revolutionising industrial asset reliability and optimisation through next-generation AIoT solutions. We partner with global leaders in resources, renewables, utilities, and smart cities/facilities. Our proprietary cloud-based platform, engineered for asset-intensive and complex process industries, delivers fully automated, real-time, holistic remote control and monitoring.

The platform predicts equipment failures and process degradation with precision. Designed to handle vast data streams, the VROC platform empowers front-line teams to swiftly respond to impending failures, optimise operations by reducing downtime, and minimising resources – all without needing data science expertise.

VROC: Driving efficiency + cutting costs = empowering a sustainable future.

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Whole.

Whole. is bringing disruptive innovation to the Food-Tech industry with its proprietary WINX (Whole Ingredient Nutrient Extraction) technology. This cutting-edge method enables large-scale and cost-effective production of plant-based ingredients and flavours. It stands out from the competition by being 100% free of any chemical processing, producing no waste, and enhancing the bioavailability of the original ingredients.

Whole. Co-founder and CEO, Nick Stamatiou, is a leading intellectual property strategy and tech commercialisation expert with over 15 years of experience working with global tech businesses. He is an experienced patent and trade marks attorney, litigator, and commercialisation advisor that has represented multinational companies like Boeing, AT&T, BHP, Bosch, Atlassian, and Microsoft. Before starting his own Seattle-based consulting firm, Radian Global, Nick built and ran the IP Strategy and Commercialisation team for Deloitte across the Asia Pacific region and has been recognised for seven consecutive years now as one of the top 300 IP strategists in the world.

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