

Australian Robotics Ventures Factory



TRANSFORMING • COLLABORATING • MANUFACTURING • INNOVATING



THE OPPORTUNITY

Australia has a unique opportunity to enhance its sovereign capability by leveraging its current strength in field robotics to grow robotics companies that manufacture in Australia and generate employment, skills and training pathways and economic growth.

Strengthening the economy through the application of robotics and automation along with training and upskilling Australians for the jobs of the future is critical to our continued economic prosperity and international competitiveness.

THE PROJECT

To capitalise on this opportunity, Australia's peak body for robotics – Robotics Australia Group (RAG) – has identified a transformative and collaborative opportunity to grow robotics companies and accelerate onshore manufacturing.

The Australian Robotics Ventures Factory will provide a shared marketplace for capabilities and services that will assist with the further creation and development of robotic companies across Australia. This will include access to aligned manufacturing hubs, heightened industry exposure, increased funding, stronger linkages to R and D and greatly improved access to robotic testing facilities. The Robotics Factory will include the establishment of a Robotics Tech Park in Emerald, Queensland and will create jobs and economic opportunity in all of the six National Manufacturing Priority Areas through collaboration between robotics companies, industry, government and researchers.

“The project is about growing companies that will build real solutions for industry and generate employment, regional spend and upskilling opportunities.”

DR SHARNA GLOVER,
EXECUTIVE DIRECTOR RAG.

In a truly national approach, the Tech Park **will be** virtually interconnected to other test grounds including Reef Works and the UAV testing facility in Cloncurry in Queensland; the Arkani Ngura Innovation and Technology Centre in South Australia; and Neerabup in Western Australia.



Australian Robotics Ventures Factory

TRANSFORMING • COLLABORATING • MANUFACTURING • INNOVATING

Leverage Australia's position as a global leader in field robotics to drive new economic opportunity, enhance resilience and strengthen global competitiveness

Deliver manufacturing in Australia to increase economic growth, ensure supply chain certainty and shorten those supply chains

Create increased visibility and vibrancy of the robotics sector which will attract venture and private equity injection

For the Nation, the State and the region, the project will

- Drive locally manufactured and serviced technology to meet increased domestic and export demand
- Enhance the strong innovation culture to transform research into action and utilise robots within industry to solve problems
- Unite cross-sector innovation across agriculture, mining, defence and others to create a circular innovation economy that accelerates commercial outcomes
- Re-purpose the existing asset of the Emerald Ag College as a centre for innovation and continue the strong training tradition by upskilling for jobs for the future

For industry, the project will

- Identify innovative and sustainable solutions to challenges that can, and will, be solved and created by robotics companies
- Enable sharing of challenges directly with those who develop the solutions to save time and increase productivity
- Create a platform to continue to sustain the tenacity of Australian companies that pivoted and innovated during the pandemic to incorporate remote operating practices
- Support the commercialisation of research into action to develop technology that is transferable between sectors

For robotics companies, the project will

- Provide working collaboration and shared resources to increase opportunities, reduce cost and support scaling up more quickly to manufacture on site
- Allow direct access to industry and the opportunity to test solutions before site deployment will increase the speed of commercialisation
- Enable growth in manufacturing by providing real estate to develop and demonstrate solutions; improved access to capital and equipment; scaled rapid prototyping and robotic manufacturing activities such as metal 3D printing, robotic welding and robotic assembly

The Tech Park will provide infrastructure for the testing of field robotics and shared facilities to support commercialisation by robotics companies and solution development for industry



Nicole Ireland
nicole.ireland@roboausnet.com.au
0409 207 672
www.roboausnet.com.au

AUSTRALIAN ROBOTICS VENTURES FACTORY

ROBOTICS
AUSTRALIA