



**Mission** | To develop new robotic vision technologies to expand the capabilities of robots.

**Who We Are**

We are an Australian research centre tackling the critical and complex challenge of applying computer vision to robotics.

Robotic vision expands the capabilities of robots, allowing them to see and understand the world in which they are working.

Our technologies can be applied to solve real challenges in the monitoring and protection of the natural and built environments, the provision of healthcare in hospitals and in the home, sustainable food production, and efficiently harnessing our natural resources.

We have created a Centre with an exciting high-energy **CULTURE** that supports us to do impactful **SCIENCE**, by **INTEGRATING** robotics and computer vision. We **ENGAGE** with people about robotic vision technologies and their impact, and we will **TRANSFORM** the world by solving critical innovation challenges.

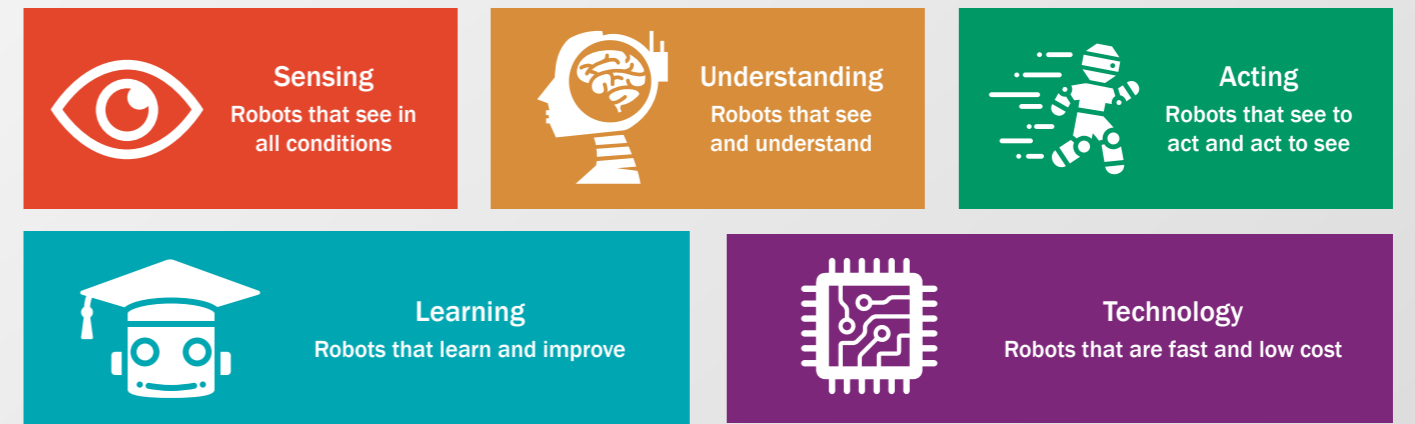
**Values**

Our values represent our culture and the way we do things:

- Create** - We invent new things, are open to crazy new ideas and encourage new ventures
- Empower** - We energise, motivate and support our people to be knowledge leaders
- Collaborate** - We work together and partner to solve grand challenges
- Impact** - We make a difference, by applying our transformational research and turning our ideas into reality

**Research**

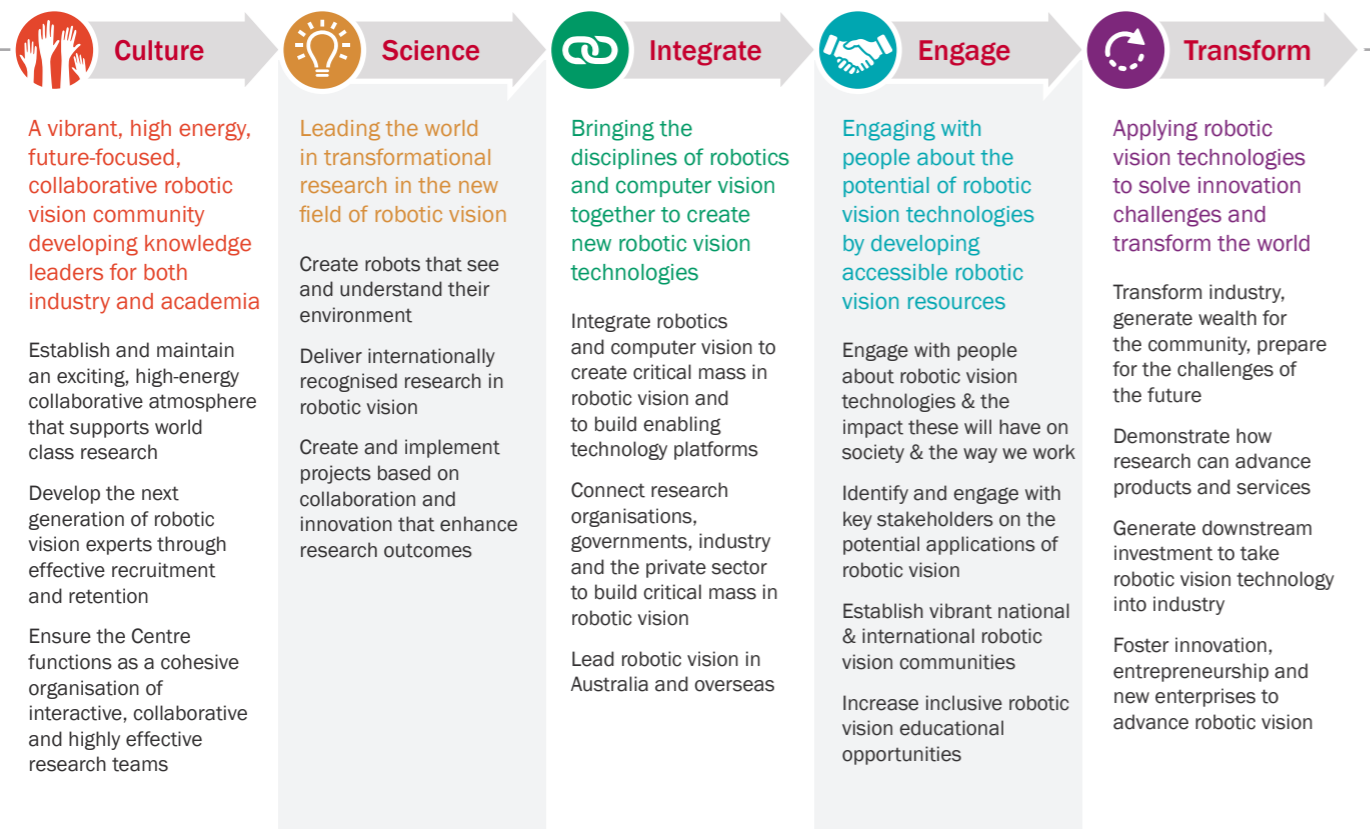
Our ambitious research programs will develop technologies that will harness the rich information from visual data to allow robots to perceive the world and be truly useful to humans. We will deliver our vision through five cross-connected research programs:



**Impact**

Our transformational research outcomes will be applied to three critical challenges facing the world:

- ENVIRONMENT** - robots to manage, protect and repair our natural and built environments
- HEALTHCARE** - robots for improved and affordable healthcare in the home and hospital
- RESOURCES** - robots to safely and effectively harness our natural resources, in particular, sustainable food production



**Robots for...**

