



Australian Academy of Technological Sciences & Engineering

**OUR VISION**

Our vision is for a sustainable and prosperous Australia where engineering and applied sciences protect our environment, nurture a skilled workforce, grow competitive industries and enable all Australians to reach their greatest potential.

**OUR MISSION**

We help Australians understand and use technology to solve complex problems.

**OUR VALUES**

- Integrity and transparency
- Inclusion
- Collaboration
- Excellence and independence
- Sustainability
- Professional pride

**OUR STRENGTHS**

- Nationally and globally relevant policy priorities
- Evidence, expertise and independence
- Diversified and sustainable finances
- Commitment to excellence
- Power to convene nationally and internationally

**CROSS-CUTTING PRINCIPLES**

- Equity, diversity and inclusion
- Our commitment to reconciliation and collaboration with Aboriginal & Torres-Strait Islander Communities
- Human-centred, technology-enabled approach
- Future-focused
- Impact and results-oriented
- Continuous learning and improvement

**ACKNOWLEDGEMENT OF COUNTRY**

We acknowledge the custodianship of the lands and waters on which our staff work – the Ngunnawal people and the Wurundjeri Woi Wurrung people – and the many lands and waters across Australia on which our Fellows work, live, and apply science, technology and engineering.

We acknowledge the Traditional Owners and pay respects to their Elders.

We acknowledge Traditional Knowledge, and the deep history of innovation it embodies.

OUR RAP ARTWORK (detail, right)  
*Knowledge Systems and Holders*

ARTIST  
Lynnice Letty Church

TRIBES  
Ngunnawal, Wiradjuri and Kamilaroi (ACT and surrounding region / NSW)

**Strategic goals**

**GOAL 1**

**Drive action through science, technology and engineering evidence and expertise**

- Curate and deliver advocacy, advice and evidence informed by our expertise in applied science, technology and engineering and aligned with priority areas identified by our Fellowship
- Advocate for evidence-based decision-making and outcomes across federal and state governments, business and philanthropic leadership
- Inform and empower the Australian public, enhancing trust in evidence and expertise to guide public debate
- Engage strategically as a trusted partner across the breadth of Australian industry
- Leverage national and international networks and relationships to address national and global challenges

**GOAL 2**

**Grow impact and excellence in innovation, through a diverse and dynamic Fellowship**

- Identify and elect diverse leaders to the Academy through robust processes shaping a dynamic and contemporary Fellowship
- Engage and work strategically with Fellows, staff and our broader networks
- Support high-functioning state and territory Divisions, creating greater national coordination and impact at the local level
- Grow the profile and potential of current and emerging Australian leaders through our programs and awards
- Enhance our relevance to, and reflectiveness of, Aboriginal and Torres Strait Islander communities and Traditional Knowledge

**GOAL 3**

**Champion quality inclusive STEM education and enhance Australia’s skilled workforce**

- Support and empower diverse people with skills, knowledge and opportunities to pursue careers in STEM
- Advocate for equitable access to quality STEM education for all Australian students
- Inspire, engage and empower school students and teachers in STEM
- Create opportunities for under-represented cohorts to enter and succeed in priority disciplines post-school, and pursue meaningful STEM-powered careers
- Support the next generation in STEM through mentoring and professional development
- Engage strategically with industry to support relevant, sustainable and impactful STEM careers-building programs at scale

**GOAL 4**

**Operate sustainably, with resilience, independence and transparency**

- Grow our financial resilience and sustainability with diversified revenue
- Strategically grow workforce capability, flexibility and culture to deliver impact against our strategic goals
- Engage with risk, compliance and reporting frameworks to promote transparency and accountability, and drive continuous improvement and operational excellence
- Curate an appropriate digital ecosystem to enable and support excellence
- Implement best practice in sustainability to minimise climate and environmental impacts

**ARTWORK STORY**

The artwork tells the story of two knowledge systems. These are the knowledge systems of Aboriginal and Torres Strait Islander peoples that acknowledges the importance and validity of cultural practice and knowledge that has been passed down from our Elders and Senior Knowledge holders for thousands of years over many generations. This knowledge system has played a significant role in the responsibilities of caring for each other, our cultural practices and country. These knowledge systems helped us to understand the land, sea, rivers, sky, plants and animals important to our survival and connection.

This created our collective knowledge system where each person played a role and part. We listened, observed and put into practice what we were taught and then shared with others and our younger children and generations.

This is the same for other knowledge systems, we have knowledge holders and senior people who are experts and teachers who play an important role in sharing and helping others to learn and understand. Through their guidance and support we learn the ways of caring for each other, our environment and using science, technology, engineering and maths to help us to solve new and emerging challenges. Each person is a knowledge holder with diverse skills, experiences, knowledge and expertise that play an important role.

Together these two worlds and knowledge systems are important and of equal value. Evidence and ways of doing things may look different but they are just as valid and credible.

Providing those opportunities to develop relationships between Aboriginal and Torres Strait Islander people and the science, technology, engineering and maths spheres and experts is key to creating a collective knowledge system where we value these differences and see them as a strength. This creates a collective knowledge system built on respectful relationships, diversity and reciprocal opportunities to engage. This provides the platform for collaboration and a shared journey and understanding.

