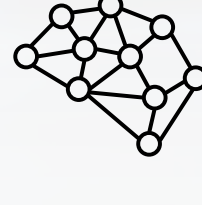


# THE RESPONSIBLE AI INDEX

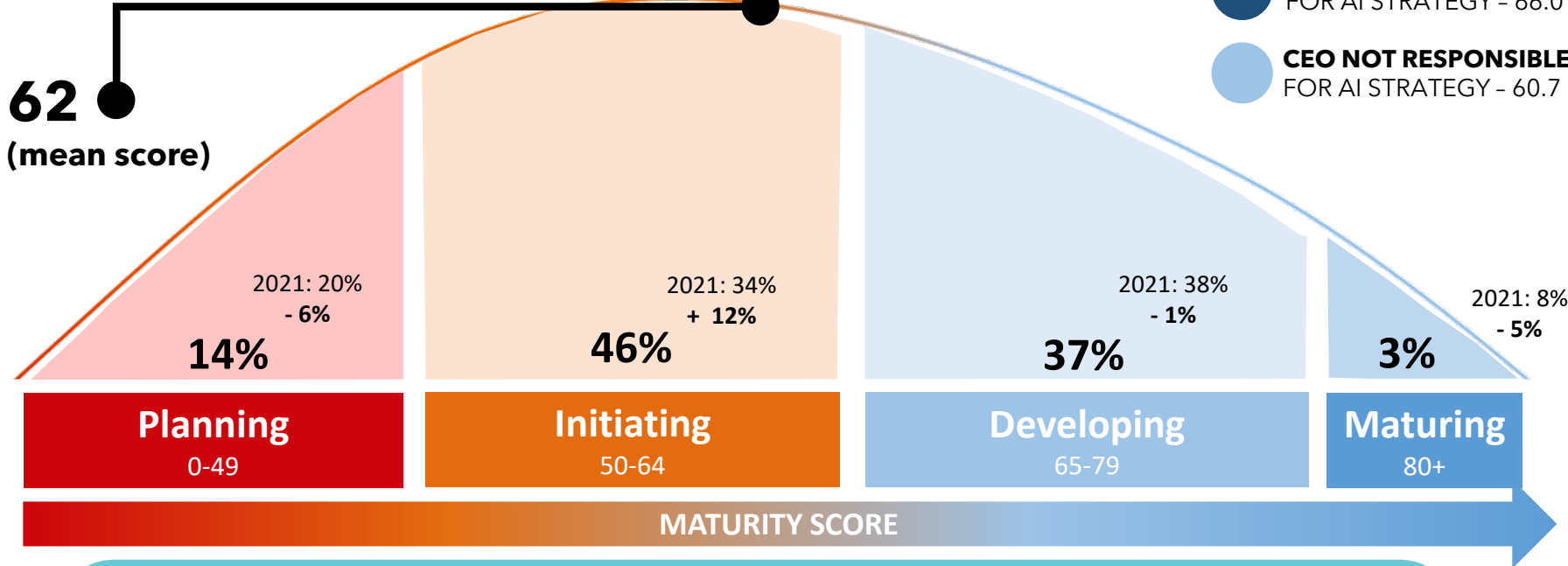


## Bridging The Responsible AI Gap: 2022

The 2022 Responsible AI Index, sponsored by IAG and Transurban, measures and tracks how well organisations are designing and implementing Responsible AI systems. It is based on a survey of over 400 executive decision makers responsible for AI development.

The mean Responsible AI Index score for Australian-based organisations is 62 out of 100 (unchanged since 2021). Organisations where the CEO is responsible for driving the AI strategy are more mature than those where the CEO is not taking the lead.

With only 3% in the maturing segment, this demonstrates there is significant room for improvement, and raises a concern that many organisations are not yet including responsible practices and ethics into the design and deployment of their AI systems.



### THE RESPONSIBLE AI MATURITY SEGMENTS

**Less Mature (0-64)**

- Early stages of AI deployment
- Focussed on quickly reaping commercial benefits of AI automation
- May have lack of confidence, leadership support and/or knowledge of responsible AI

**More Mature (65+)**

- Implemented auditing processes for AI and/or developed guidelines for responsible use of AI
- Strong focus on the moral and ethical implications of using AI technologies
- Strong culture of data protection and security
- Use external specialists and advisors

### RESPONSIBLE AI STRATEGY

#### ORGANISATIONS ARE TAKING A MORE STRATEGIC APPROACH TO AI

Compared with 2021, more organisations are taking an enterprise-wide approach for the development of AI which is tied to the wider business strategy across all divisions.



### PUTTING PRINCIPLES INTO PRACTICE

#### GROWING AWARENESS OF AUSTRALIA'S AI ETHICS PRINCIPLES

The Australian Department of Industry, Science and Resources has developed eight AI Ethics Principles to ensure that AI is safe, secure and reliable. Compared with 2021, more organisations are aware of the Principles



#### THE RESPONSIBLE AI GAP

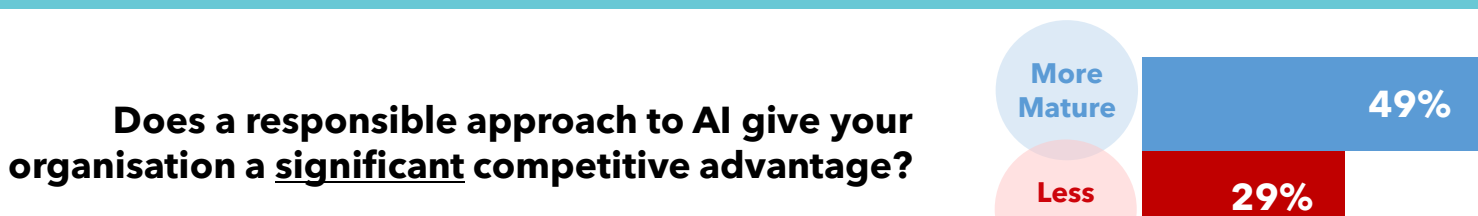
The Index exposes a worrying 'action gap,' with most businesses acknowledging what best-practice AI looks like, but only a minority taking action to ensure their own AI systems are developed responsibly. There is an average gap of 58 points across the 7 AI ethics principles.

AGREEMENT WITH STATEMENTS ABOUT AI PERFORMANCE	PRINCIPLE	ACTIONS TAKEN
81% Our AI systems generate quantifiable benefits to humans, society and the environment that outweigh the costs."	<b>HUMAN, SOCIAL AND ENVIRONMENTAL WELLBEING</b>	22% Have identified and assessed the risks and opportunities for human rights.
77% Our AI systems are designed to be human-centered at their core.	<b>HUMAN-CENTRED VALUES</b>	23% Have reviewed underlying databases for potential bias.
79% We have robust systems and processes in place to minimise the likelihood of our AI systems causing unfair treatment of individuals, communities or groups.	<b>FAIRNESS</b>	26% Have reviewed AI algorithms for potential bias.
84% Our AI systems comply with relevant privacy and security regulations.	<b>PRIVACY PROTECTION AND SECURITY</b>	24% Have hired technical consultants or professionals.
84% Our AI systems are designed to be safe and to not harm or deceive people.	<b>RELIABILITY AND SAFETY</b>	25% Have monitored outcomes for customers or employees.
84% We are able to transparently show and explain how algorithms work.	<b>TRANSPARENCY AND EXPLAINABILITY</b>	26% Have developed supporting materials to explain the AI inputs and decision-making processes.
80% We have a timely process in place to allow people to challenge the use or outcomes of our AI systems.	<b>CONTESTABILITY</b>	23% Have set up recourse mechanisms (i.e. if an AI negatively affects a member of the public).
85% Our leadership can be held accountable for the impact of their AI systems.	<b>ACCOUNTABILITY</b>	23% Have engaged the business leadership on the issues around responsible AI.
84% Average agreement	<b>58 pt gap</b>	24% Average actions taken

### BENEFITS OF RESPONSIBLE AI

#### RESPONSIBLE AI PROVIDES A COMPETITIVE ADVANTAGE

Those that invest in a responsible AI approach believe this has provided a significant competitive advantage.



#### THE BENEFITS OF RAI OUTWEIGH THE COSTS

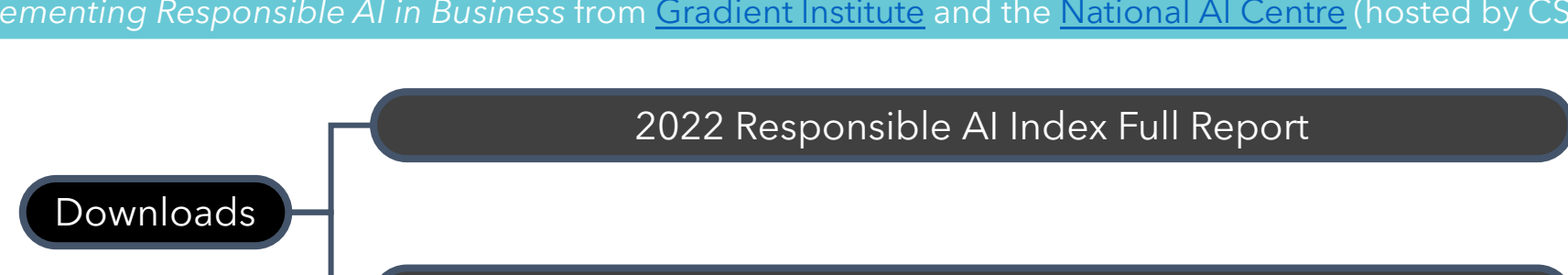
Most organisations believe the benefits of taking a responsible approach to AI outweigh the costs



### BRIDGING THE RAI ACTION GAP

#### REVIEW OF RESPONSIBLE AI TOOLS AND GUIDELINES

For a more comprehensive description of how organisations can use tools and guidelines to connect the principles and practice of Responsible AI, see the forthcoming report *Connecting Principles and Practice: Implementing Responsible AI in Business* from [Gradient Institute](#) and the [National AI Centre](#) (hosted by CSIRO).



FOR MORE INFORMATION, PLEASE CONTACT:

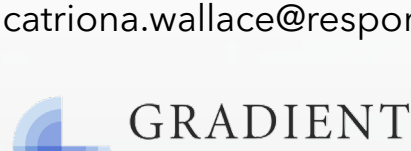
**Dr Steve Nuttall**  
Director, Fifth Quadrant  
snuttall@fifthquadrant.com.au



**Dr Catriona Wallace**  
Founder, Responsible Metaverse Alliance  
catriona.wallace@responsiblemetaverse.org



SPONSORED BY:



To learn about our Board, Executive and Developers training programs in Responsible AI, please contact: [info@gradientinstitute.org](mailto:info@gradientinstitute.org)