



National Consultation Roundtables

March 2025



Welcome

Emily Flores

Executive Director,
Industry Engagement &
Communications



Key Functions of Jobs and Skills Councils

(Janet Simmons)

Industry
Engagement /
Stewardship

(Simon Hester)

Implementation,
Promotion and
Monitoring

(Dr Aneeq Sarwar)

Workforce
Planning

Training Product
Development

(Donna Dejkovski)

Training Products

Simon Hester

Senior Manager
VET Implementations



AUSMASA Current AAS Projects

1. Review of the RII emergency response qualifications
2. Review into VET training products with low and no enrolments
3. Review into training products with superseded units of competency
4. Development of hydrogen fuel cell EV training products
5. Review of the Certificate II in Automotive Tyre Servicing Technology
6. Development of training products for ADAS
7. Review of 6 RII units shared with BuildSkills Australia
8. VET Workforce Blueprint
9. Research into higher apprenticeships (automotive & mining)



AUSMASA Completed AAS Projects

1. Market research into perceptions of automotive careers
2. Resource Development: RII21222 Certificate II in Autonomous Workplace Operations
3. Qualifications Reform Categorisation Project
4. Qualifications Reform Demonstration Project | Testing a new approach to qualification design



RIIARO201 Work in Autonomous Operations

RIIARO201 Work in Autonomous Operations v4
75% COMPLETE


- Section 1: Prepare for work in an autonomous operation ✓
- Section 2: Carry out work instructions for the automated equipment or system ✓
- Section 3: Report on and handover finalised work tasks ✓
- Knowledge Quiz ○

Work instructions, policies and procedures

Before you commence work in using autonomous equipment such as plant and systems, there are some important things you need to do to ensure:

- your own safety
- the safety of others
- that you complete the work to the required standard.

Any task in autonomous operations will require you to first obtain the work instructions. These may be provided to you verbally or electronically.



4:43 5G 88%

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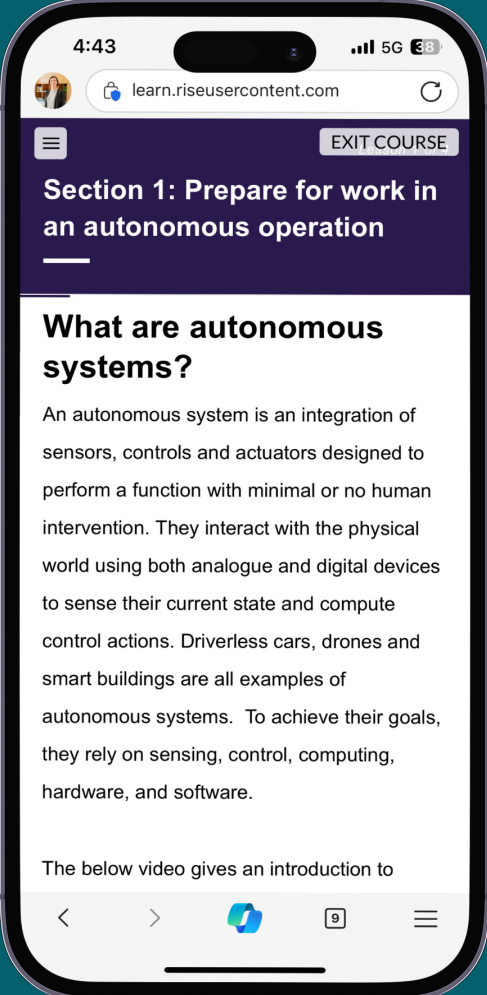
EXIT COURSE

Section 1: Prepare for work in an autonomous operation

What are autonomous systems?

An autonomous system is an integration of sensors, controls and actuators designed to perform a function with minimal or no human intervention. They interact with the physical world using both analogue and digital devices to sense their current state and compute control actions. Driverless cars, drones and smart buildings are all examples of autonomous systems. To achieve their goals, they rely on sensing, control, computing, hardware, and software.

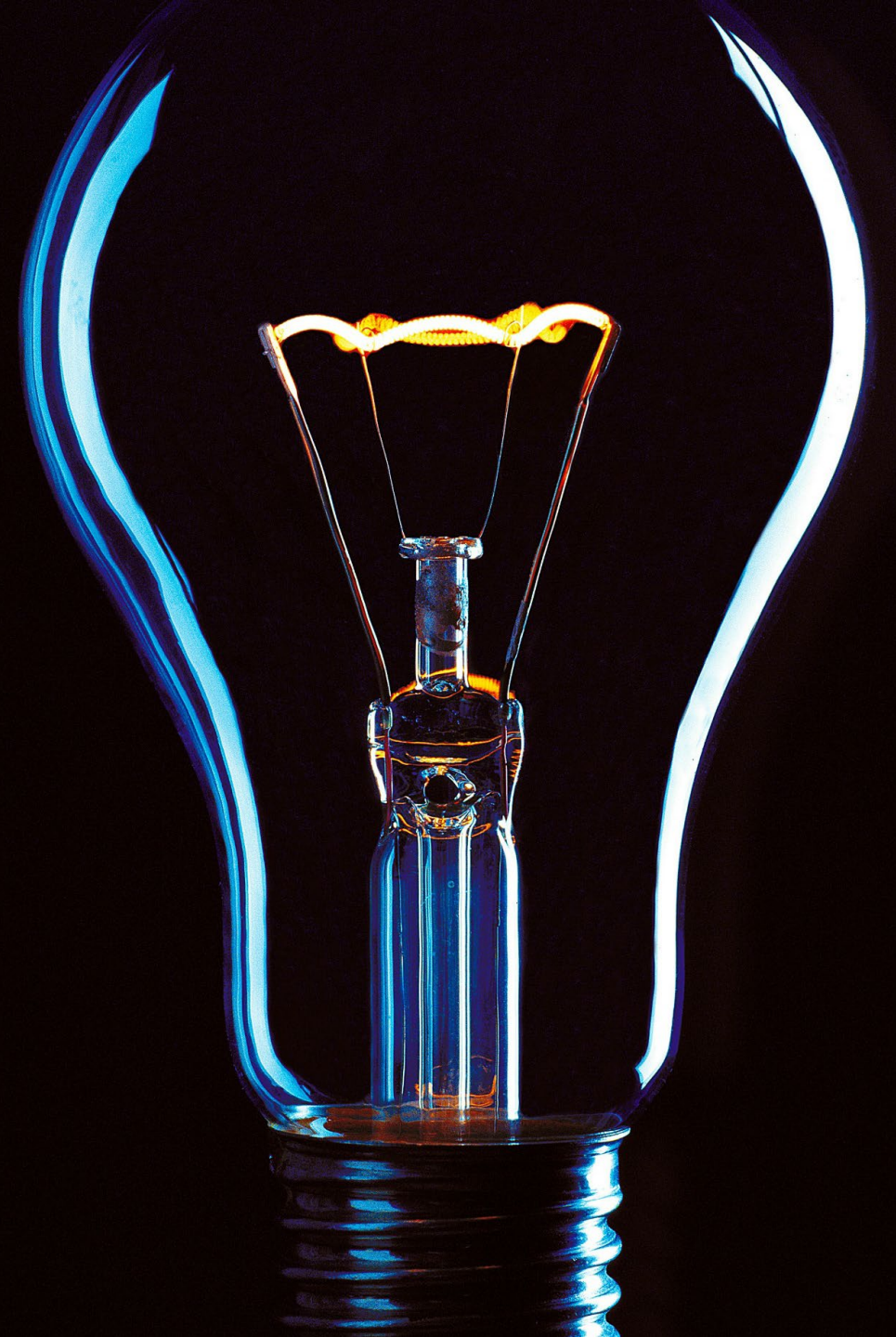
The below video gives an introduction to



Workforce Planning & Policy

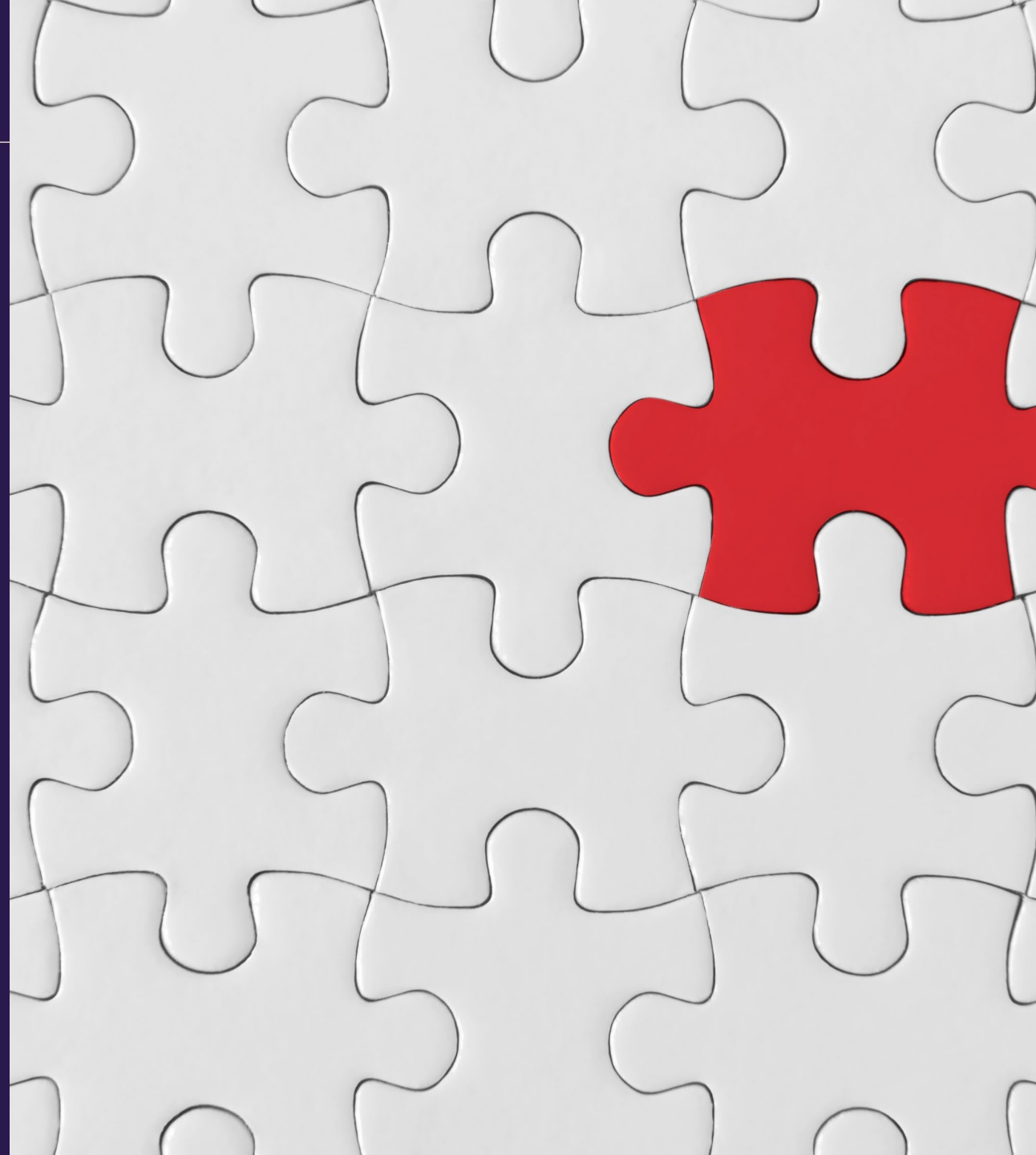
Dr Aneeq Sarwar

Senior Manager
Workforce Planning and Policy



A bit about the research process

- **Modular**
- **Research Bulletins**
- **Industry Input**
- **Explainers**



What happens to the input we collect today?

- Workforce Plan 2025
- Workforce Plan activities
- Government Submissions
- Further Research
- Further Engagement



Themes of Focus

- **Education & Pathways**

- A4. The ABS should consider adjusting its terminology within ANZSCO to replace the word 'mechanic' with 'technician'.

- **Building Inclusive, Respectful, and Diverse Workplaces**

- M13. AUSMASA will continue to monitor First Nations training, apprenticeships, and job outcomes to identify best practices and assist in addressing the challenges faced by First Nations individuals in securing and thriving in mining careers. By analysing these outcomes, the industry will have the data it needs to implement targeted strategies and improve support.

- **Technological Advancement & Digitisation**

- A9. AUSMASA will work with the ABS through its review of ANZSCO to advocate for the addition of EV technicians to the occupation list.

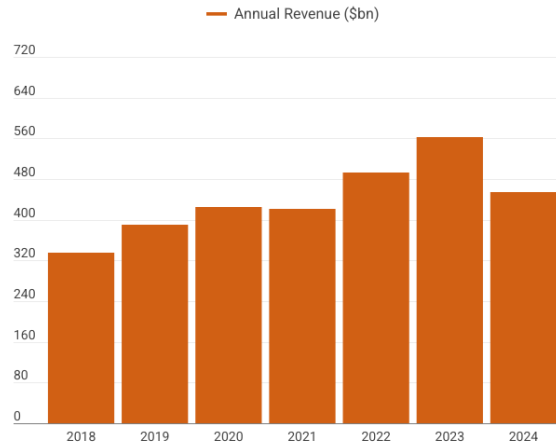
- **Workforce Attraction, Retention & Wellbeing**

- M11. Research is required to quantify the effects of mental health issues on productivity and compensation claims within the mining industry.

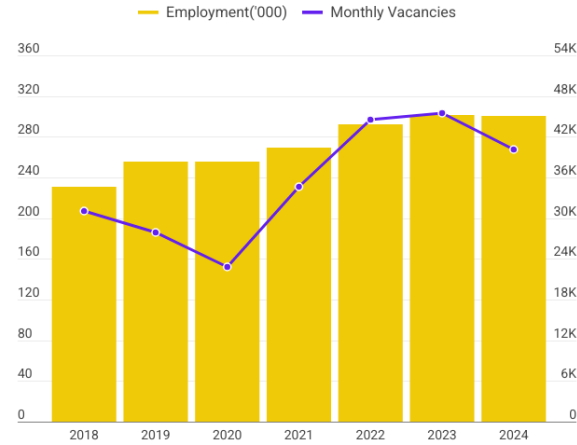
- **Sustainability & Industry Transformation**

- A11. AUSMASA will work closely with industry to explore what unique skills are required for the dismantling and recycling of EV vehicles in an end-of-life setting.

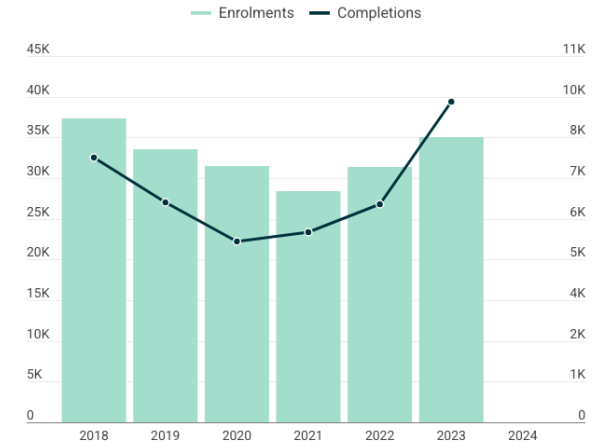
Mining industry overview



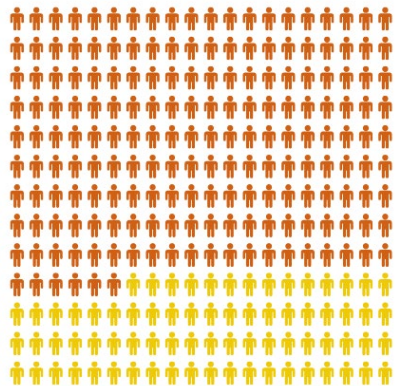
Revenue continues to grow despite commodity fluctuations



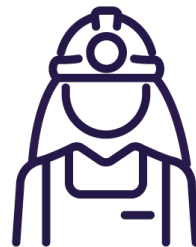
Employment continues to grow from decarbonisation and critical minerals



VET graduates grow but don't support higher level skill shortages



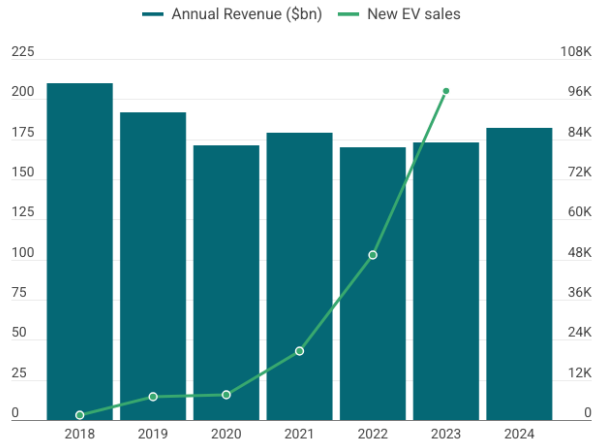
Women represent 27% of the workforce



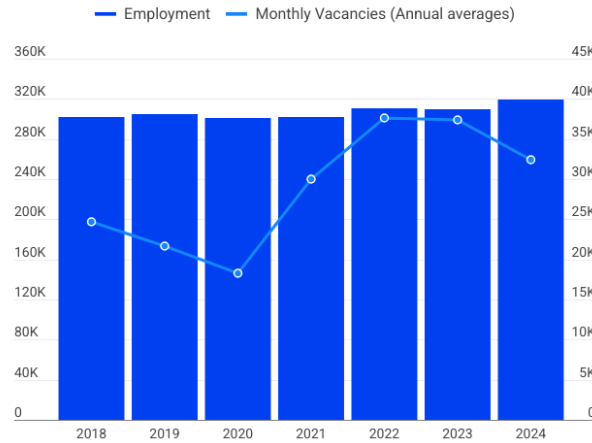
15%

Only 15% of VET students are women

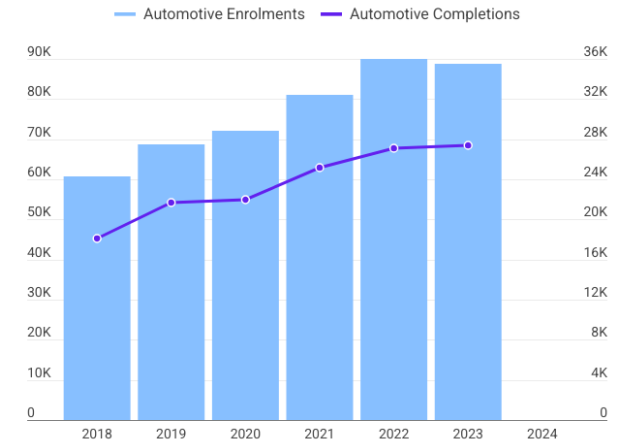
Automotive industry overview



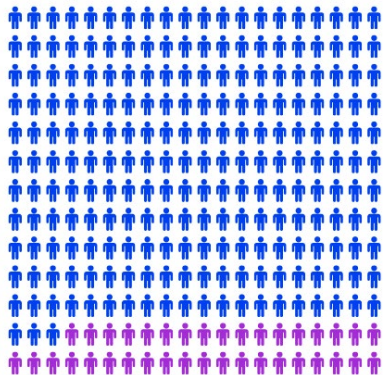
New EVs represent 7% of car sales



Demand for workers continues to grow beyond pre-COVID levels



The pipeline of graduates continues to grow



Women represent 14% of the workforce



1%

Women represent 1% of technicians



1 in 4 apprentices plan to stay long-term

Thank you! And what now?

Get in touch with the Workforce Planning team
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Just remembered something?
Tell us about it!



Thank you

