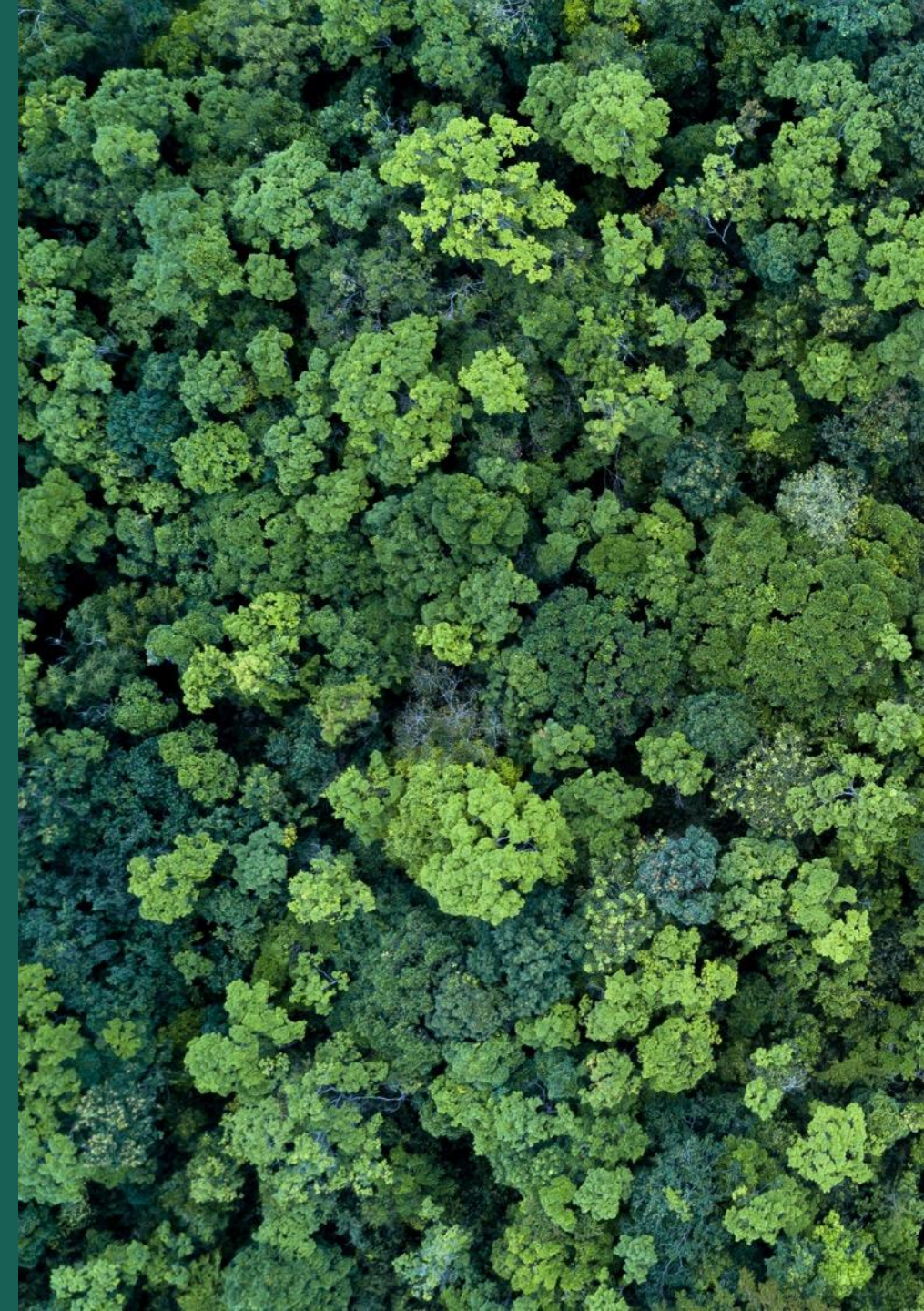


The Jobs and Skills Council for Electricity, Gas and Renewables

Steve Hall
GM Activity Projects
Powering Skills Organisation



How we fit

We are 1 of 10 Jobs and Skills Councils



Skills
Insight

SKILLS INSIGHT
Agribusiness



SCCSA Service and Creative
Skills Australia

**SERVICE AND
CREATIVE SKILLS
AUSTRALIA**

Arts, Personal Services,
Retail, Tourism and
Hospitality



Powering Skills
Organisation Ltd

**POWERING SKILLS
ORGANISATION**

Energy, Gas and Renewables



FSO

**FUTURE SKILLS
ORGANISATION**

Finance, Technology
and Business



**MANUFACTURING
INDUSTRY SKILLS
ALLIANCE**

Manufacturing



BuildSkills
Australia

**BUILDSKILLS
AUSTRALIA**

Building, Construction,
Property and Water



HumanAbility

HUMAN ABILITY

Early Educators, Health
and Human Services



**PUBLIC SKILLS
AUSTRALIA**

Public Safety and
Government



Industry Skills
Australia

**INDUSTRY SKILLS
AUSTRALIA**

Transport and Logistics



Mining and
Automotive
Skills Alliance

**MINING AND
AUTOMOTIVE SKILLS
ALLIANCE**

Mining and Automotive

Workforce Planning

- **Analyse** the energy sector in Australia to understand future workforce and skilling needs.
- Establish key **partnerships** across industry
- Partner with JSA and other JSC's on **key research** into workforce.
- Use **evidence-based** research to underpin approach.

Industry Stewardship

- Be a **workforce and skills champion** at energy-sector forums.
- Bring together parties for new energy options like **hydrogen**.
- **Connect synergies** across other councils for the energy sector.
- **Collaborate** between business, government and industrial partners.

Training Product Development

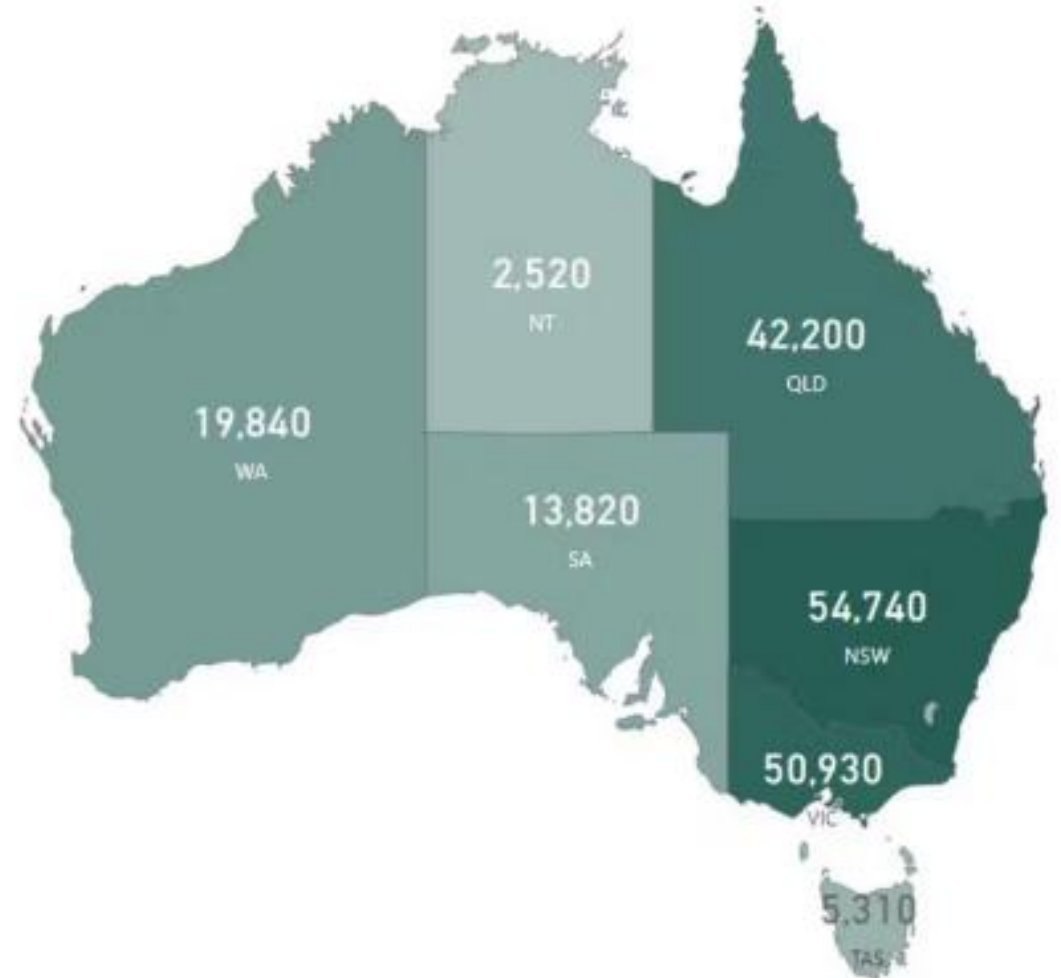
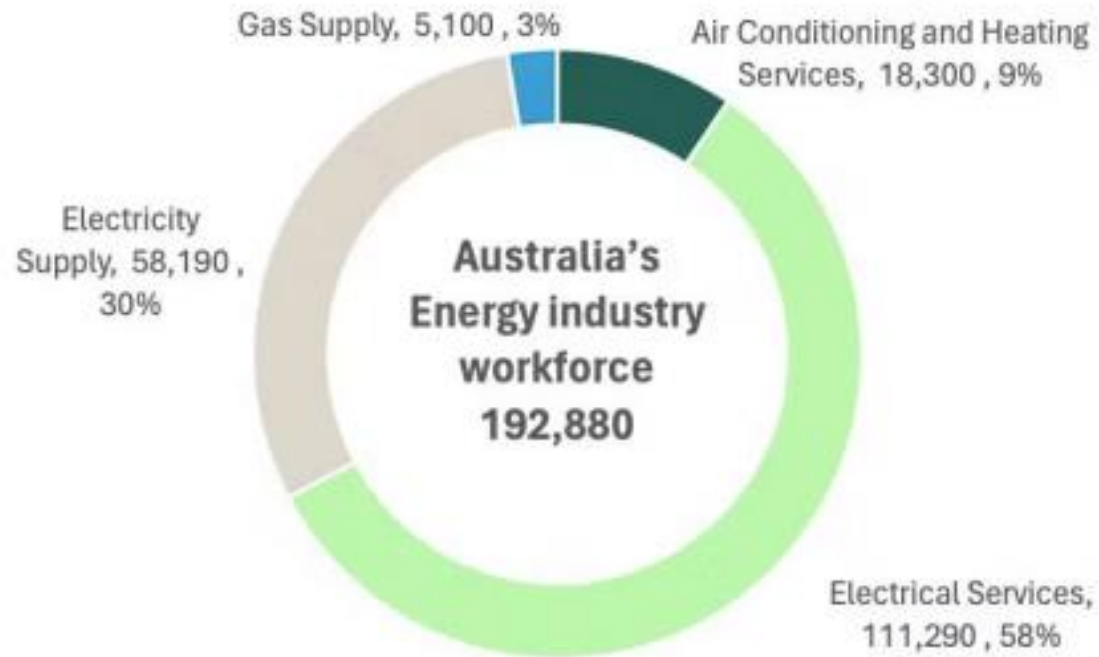
- Focus on training packages requiring immediate **attention**, addressing the known risks.
- Scope and **pilot** new approaches.
- **Map** workforce and skills required by industry as they relate to the training packages

Implementation, Promotion and Monitoring

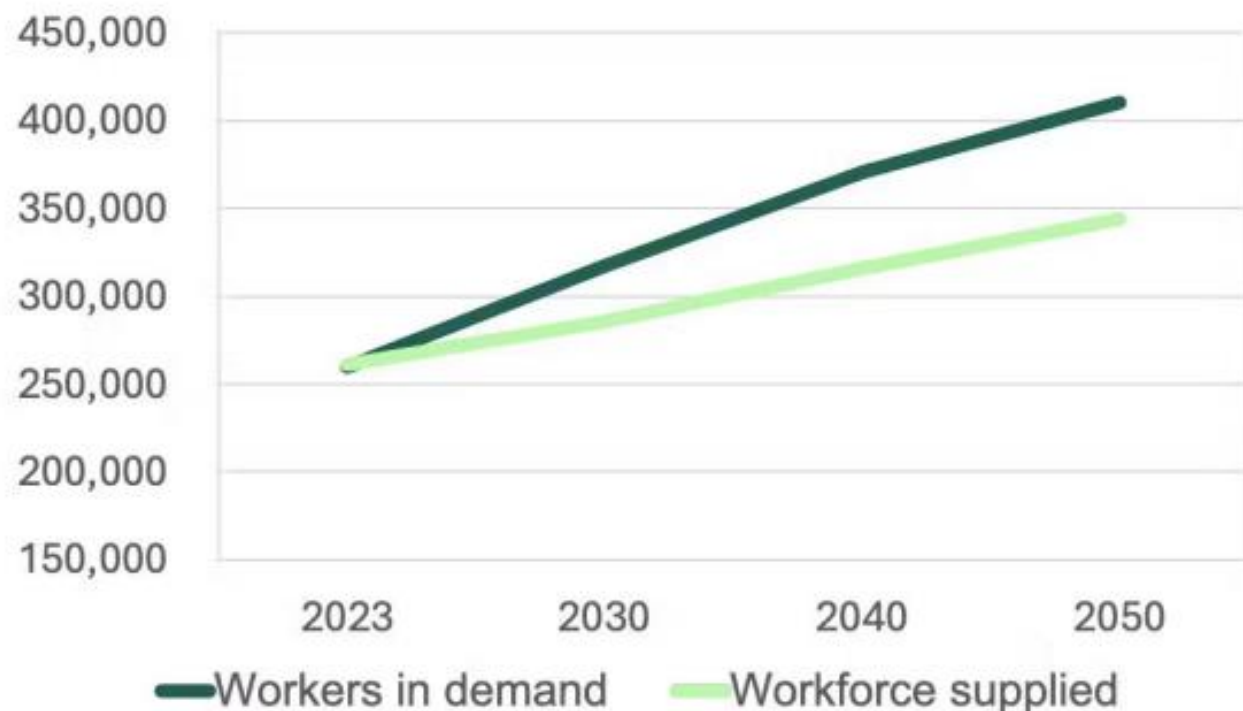
- **Promote** key career pathways.
- **Partner** with business and industry to enable delivery of niche energy skill sets.
- **Demonstrate** outcomes are fit for purpose and have a positive impact for the Energy sector.

Our Core Pillars

Energy Workforce – By sector and jurisdiction



Australia – Energy trade roles



Business as usual.

- A shortage of 32k energy trades workers by 2030 (up to 66k by 2050).

Energy trade roles include:

- Electricians
- Electrical Distribution Trades
- Airconditioning & Fridge Mechanics
- Power Plant Operators
- Electronics Trades
- Electrical Engineering Draftspersons

These are the trades we need to grow.

Source: PSO analysis of customised data produced by Deloitte Access Economics for Jobs and Skills Australia (2023) Clean Energy Capacity Study

Powering Skills Organisation Training Packages




UEE Electrotechnology Training Package



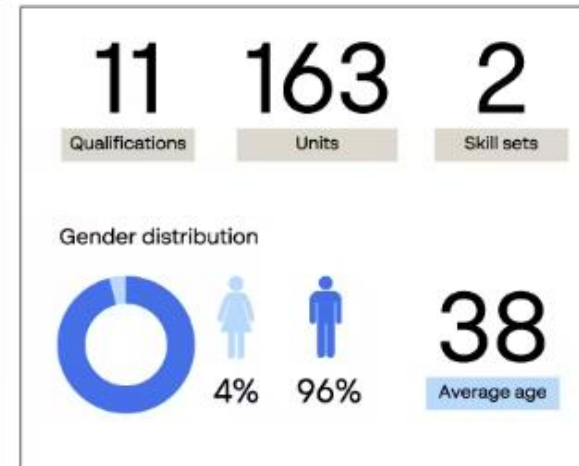
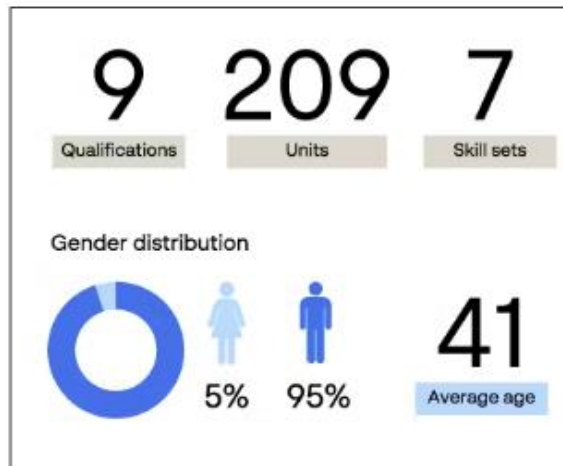
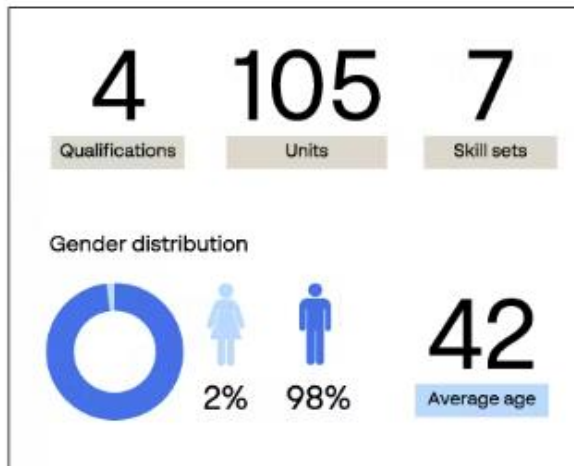
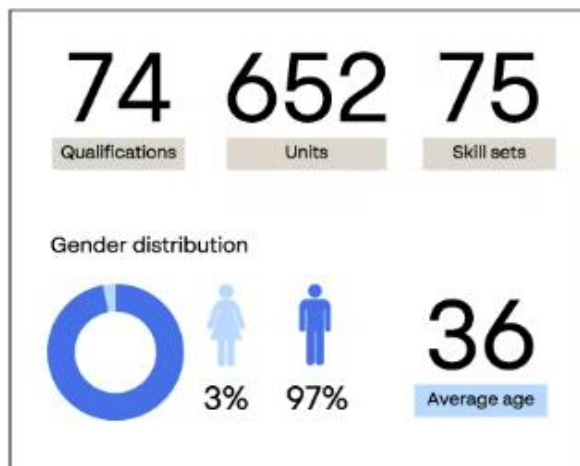
UEG Gas Industry Training Package



UEP Electricity Supply Industry - Generation Sector Training Package



UET Transmission, Distribution, Rail Sector Training Package



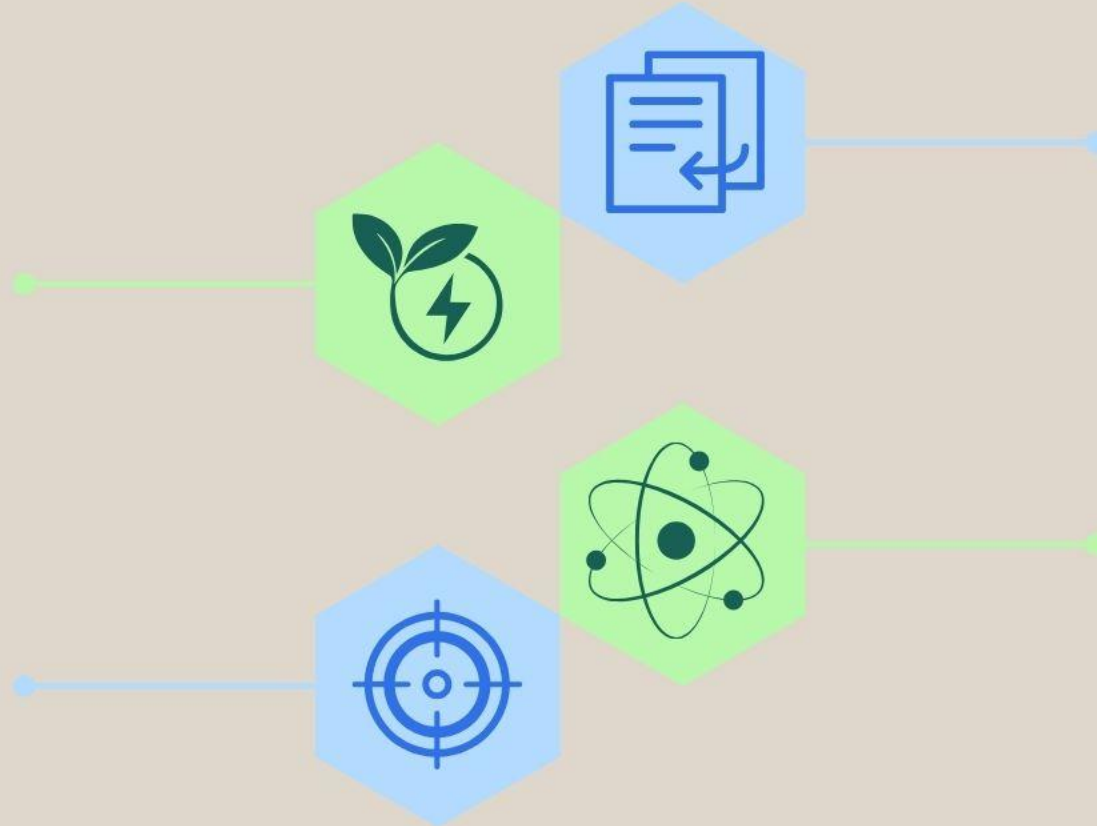
Qualification Reform for Energy Sector

Pathway into Energy, Gas and Renewable sector

60% of the workforce has a Cert II/- IV, Diploma or Advanced Diploma.

Not on scope? Is it needed?

Currently reviewing 10 qualifications that are not on any RTO scope. Just 4 qualifications lead to a licensed outcome..



Duplication

There is an enormous amount of duplication. Is there a way to eradicate this through better design?

Core versus elective mix

There is a lack of elective choices for Energy Pathways. There are licensing and regulation requirements to take into account, however can we unlock this?

PSO Roadshow - What does Australia think about VET pathways for Energy?



Need for Alignment and Collaboration

Industry, training organisations, regulators and education institutions will only enact change and overcome challenges if this happens.

Flexibility and Adaptability

Australia wants more flexibility and adaptability in training programs, policies and practices to meet the evolving needs of the energy trade industry.

Empowerment and Clarity

We need to empower individuals by providing clear pathways, and education about available opportunities.

Investment in Training and Support

Adequate funding, resources and support structures are essential for fostering a skilled and resilient workforce.

Promotion and Awareness

Efforts to highlight career opportunities, showcase success stories and engage with schools and communities can help raise awareness and interest in industry.

Creating a Training Product Gateway into the Energy Sector

An industry led, fit for purpose Cert II Pre-App Career Start program for the energy sector.

Consult with industry to develop a secondary school pilot program to encourage more women and First Nations persons into the energy sector using the fit for purpose qualification.

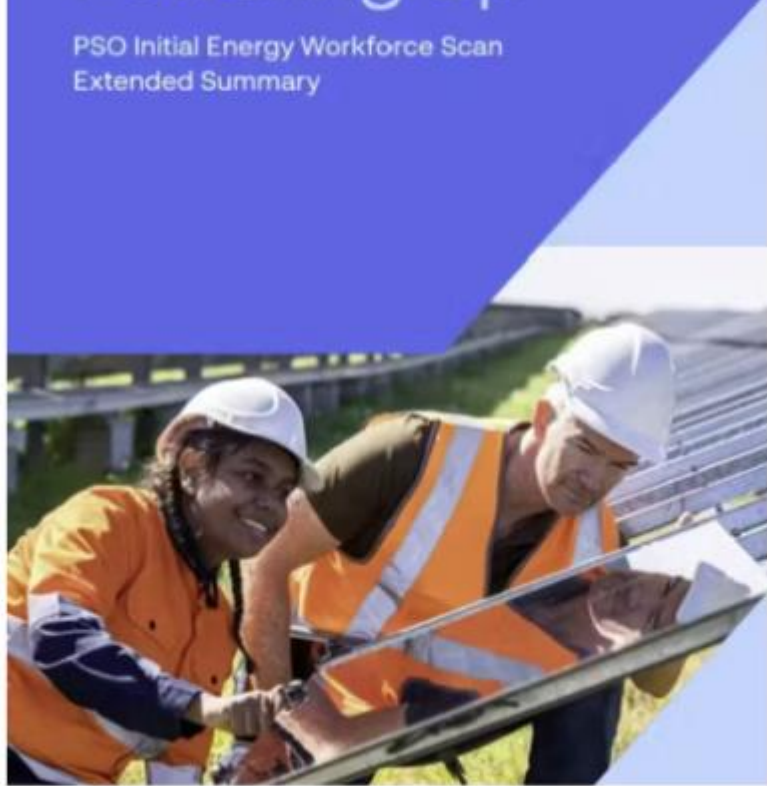
Reduce cost of maintaining underutilised and not fit for purpose qualification by consolidating career pathway Cert II qualification and matching them to industry needs for workforce development.





Powering Up

PSO Initial Energy Workforce Scan
Extended Summary



Get Involved



Visit our website

www.poweringskills.com.au





Thank you

Follow us

