

# Consultation Strategy – Review of AUR32721 Certificate III in Automotive Electric Vehicle Technology

This document describes the stakeholder consultation that AUSMASA will undertake during the Review of AUR32721 Certificate III in Automotive Electric Vehicle Technology

## Project Overview

This project seeks to review and revise the AUR32721 Certificate III in Automotive Electric Vehicle Technology and related battery electric vehicle skill sets. It will test the relevance of existing training products, address emerging skills needs, and consider new specialised streams across mobile plant, marine, agriculture and automotive sectors

## Project Background

The automotive industry is undergoing significant transformation driven by vehicle electrification, automation and sustainability policies. Electric vehicle (EV) adoption continues to grow nationally and globally, with battery electric and hybrid vehicles now accounting for more than 12% of new light vehicle sales in Australia.

Since the introduction of AUR32721 Certificate III in Automotive Electric Vehicle Technology, the EV landscape has evolved rapidly. Industry feedback indicates the qualification is too narrowly focused and does not adequately address:

- Growing electrification in mobile plant, agriculture and marine sectors where high-voltage components and electric drivetrains are becoming increasingly common
- Current units may no longer align with latest developments in EV and hybrid technologies, evolving safety standards and advanced diagnostic procedures
- Cross-sector skill transferability and career pathways
- Emerging battery electric vehicle skill set requirements, particularly for plant and heavy vehicles

As demand for EV technicians increases, specialised training becomes essential. The occupational fill rate for EV technicians remains low at just 41%, indicating a shortage of skilled workers. This project addresses the critical need for up-to-date, comprehensive training that reflects evolving industry demands across multiple sectors.

## Training Products

### Qualification

- [AUR32721](#) Certificate III in Automotive Electric Vehicle Technology

### Skill Sets

- [AURSS00037](#) Hybrid Electric Vehicle Inspection and Servicing Skill Set
- [AURSS00063](#) Battery Electric Vehicle Diagnose and Repair Skill Set
- [AURSS00064](#) Battery Electric Vehicle Inspection and Servicing Skill Set

## Unit of Competency

The following 15 units of competency are under review as part of this project:

- [AURETH101](#) Depower and reinitialise battery electric vehicles
- [AURETH102](#) Inspect and maintain battery electric vehicles
- [AURETH104](#) Diagnose and repair traction motor speed control systems in battery electric vehicles
- [AURETH105](#) Diagnose and repair high voltage traction motors in battery electric vehicles
- [AURETH106](#) Diagnose and repair auxiliary motors and associated components in battery electric vehicles
- [AURETH107](#) Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles
- [AURETH108](#) Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicles
- [AURETH109](#) Diagnose and repair DC to DC converters in battery electric vehicles
- [AURETH103](#) Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles
- [AURETR011](#) Install basic ancillary electrical systems and components
- [AURETR026](#) Remove, replace and program electrical and electronic units and assemblies
- [AURETR028](#) Diagnose and repair instruments and warning systems
- [AURETR120](#) Diagnose and repair network electronic control systems
- [AURETR143](#) Diagnose and repair electronic body management systems
- [AURETR236](#) Diagnose and repair electronically controlled suspension systems

## Activity Timeline

This project will begin in December 2025 and is scheduled to be completed in June 2027. Proposed timeframes (to be validated by Technical Committee):

Activity	Timeframe
Commencement	12 December 2025
Establish a Technical Committee (TC)	16 December 2025 – 2 April 2026
Stakeholder consultation to inform the development of draft training products.	16 December 2025 – 20 July 2026
Draft 1 Training Products approved by TC for public and government consultation	July 2026
Feedback from public and government consultation reviewed by TC	7 September 2026 – 29 January 2027
Draft 2 Training Products (if required) approved by TC for public and government consultation*	September 2026 – January 2027 (if required)
Final version Training Products reviewed by TC	January – February 2027
Senior Officials Check	15 February 2027 – 19 March 2027
Submission to the Assurance Body	30 April 2027

Activity	Timeframe
Upload the endorsed training products to the National Training Register following endorsement of the training products by Skills Ministers	June 2027 (within 10 business days of endorsement)
Promotion, implementation and monitoring of the endorsed training products	21 June 2027 – 23 July 2027

\*A second round of consultation will be determined following a review of feedback received from the draft 1 training products. If a second round of consultation is required.

## Stakeholder Consultation

Key stakeholder groups have been identified for this project spanning automotive, mobile plant, marine and agricultural sectors. We will ensure each sector is contacted to seek their participation and gather feedback on the draft training products. This cross-sector approach is essential as electric vehicle technologies are increasingly adopted across multiple industries beyond traditional automotive applications. Through broad public consultation, interested parties will be invited to contribute their insights, the results of which will inform further targeted consultations and guide the development of the training materials.

During consultation, the Technical Committee will help identify any additional stakeholder groups that should be included. The identification and consultation with these stakeholder groups will offer more opportunities for feedback before the draft training products are released.

Interested stakeholders can visit the AUSMASA website project page as the primary source of information regarding the project status and activities. Stakeholders can subscribe for updates to the project and view the draft training products when available for consultation. Feedback is welcome at any time and encouraged via the project page links.

To keep up to date with project developments and be notified of consultation opportunities stakeholders are encouraged to:

- Visit the website project page – [Certificate III in Automotive EV Technology - Training Product Development](#)
- Subscribe to project updates - <https://ausmasa.org.au/subscribe-to-automotive-ev-technology/>
- [Subscribe](#) to The Journey newsletter
- [Follow](#) AUSMASA on LinkedIn

## Key stakeholder groups

A wide range of stakeholders will inform the project. It should be noted that consultation is not limited to the organisations listed below. All interested participants are encouraged to engage in the consultation opportunities of this project and provide feedback when the draft training products are available.

### Automotive SWAP members

Our Strategic Workforce Advisory Panels (SWAPs) are a vital source of industry knowledge, ensuring vocational education and training (VET) programs remain aligned with employer needs.

Our SWAPs serve as a wealth of knowledge. Their insights help us ensure that vocational education and training (VET) programs meet the evolving needs of employers and remain relevant. These individuals also engage and consult with us on workforce matters affecting the mining and automotive industries.

Through consultation with a broad range of industry representatives, the panel helps us understand and respond to the workforce demands of this rapidly evolving sector.

Automotive SWAP membership details can be found on the AUSMASA webpage:  
<https://ausmasa.org.au/get-involved/automotive-swap/>

**Table 1. Industry Stakeholders**

Organisation	Location	Stakeholder type
AMWU	National	Union
ETU	National	Union
Australian Workers' Union (AWU)	National	Union
Australian Automotive Aftermarket Association	National	Peak Body
Electric Vehicle Council	National	Peak Body
Commercial Vehicle Industry Association Australia	National	Industry Association
Boating Industry Association	National	Industry Association
Australian Automotive Dealer Association (AADA)	National	Industry Association
VACC	VIC	Peak Body
Bus Industry Confederation	National	Industry Association
Motor Trades Association of Western Australia (MTAWA)	WA	Industry Association
Motor Traders Association of Queensland (MTAQ)	QLD	Industry Association
Motor Traders Association of NSW (MTANSW)	NSW	Industry Association
Motor Trade Association SA/NT	SA/NT	Industry Association
Heavy Vehicle Industry Australia (HVIA)	National	Industry Association
Australian Chamber of Commerce and Industry (ACCI)	National	Industry Association
Tasmanian Minerals, Manufacturing & Energy Council (TMEC)	Tasmania	Peak Body

Organisation	Location	Stakeholder type
BHP	National	Employer
BMW Group	National	Employer
Bosch Automotive Service Solutions Pty Ltd	National	Employer
BYD	National	Employer
Caterpillar of Australia Pty Ltd	National	Employer
Cummins Asia Pacific	National	Employer
Eagers Automotive	National	Employer
Eblen Collision Repairs	South Australia	Employer
FMG / Fortescue	National	Employer
Hastings Deering (Australia) Limited	National	Employer
Hyundai	National	Employer
IAG (Insurance Australia Group)	National	Employer
Isuzu Ute Australia Pty Ltd	National	Employer
Komatsu Australia	National	Employer
Liebherr Australia	National	Employer
Motorcycle Holdings	National	Employer
mycar Tyre & Auto	National	Employer
Nissan Motor Company (Australia) Pty Ltd	National	Employer
Rio Tinto	National	Employer
Tesla Motors Australia	National	Employer
Thiess Pty Ltd	National	Employer
Toyota Motor Corporation Australia Ltd	National	Employer

Organisation	Location	Stakeholder type
TAFEQLD Centre of Excellence Clean Energy Batteries	QLD	Government
Canberra Institute of Technology Centre of Excellence Electric Vehicles	ACT	Government
NSW Fair Trading	NSW	Government

**Table 2. Registered Training Organisations (RTOs)**

Organisation
All RTOs listed in training.gov.au with qualifications on the scope listed on the project webpage.

**Table 3. Senior Responsible Officers (SROs), regulators and other JSCs**

Organisation	Location	Stakeholder type
Department of Industry, Tourism and Trade	NT	STA
Victorian Skills Authority	VIC	SRO
Skills Canberra	ACT	SRO/STA
Department of Education NSW, Skills Policy	NSW	SRO/STA
Department of Trade, Employment and Training	QLD	SRO/STA
Skills SA	SA	SRO/STA
Department of Employment and Workplace Relations	Commonwealth	SRO
Northern Territory Government, Training Package Development	NT	SRO
Skills Tasmania, Department of State Growth	TAS	SRO
Department of Jobs, Skills, Industry and Regions (DJSIR)	VIC	SRO
Department of Training and Workforce Development (DTWD) WA	WA	SRO
BuildSkills Australia	National	JSC

Organisation	Location	Stakeholder type
Public Skills Australia	National	JSC
Manufacturing Industry Skills Alliance	National	JSC
Powering Skills Organisation Ltd	National	JSC
Industry Skills Australia	National	JSC

**Table 4. Jurisdictional distribution of stakeholders**

Stakeholder type	National	ACT	NSW	NT	QLD	SA	TAS	VIC	WA
RTO	✓	✓	✓	✓	✓	✓	✓	✓	✓
Employer	✓					✓			
Union	✓								
Industry association/peak body	✓		✓	✓	✓	✓	✓	✓	✓
State & Territory Officials	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Key stakeholder consultation mechanisms/approaches

The consultation approaches have been designed to be accessible for all stakeholders and provide a variety of ways to interact with and provide input into the development stage. Consultation mechanisms can include a combination of the following approaches:

### Consultation type: Interviews with targeted stakeholder groups

- To inform the consultation strategy and validate technical writing of the training products.
- 1:1 interviews with Subject Matter Experts (SMEs) either online or face to face as identified in initial consultations

### Consultation type: Public Consultation

- Minimum 4 weeks as per the [Training Package Organising Framework](#) (TPOF).
- Draft training products will be available via the AUSMASA website for stakeholders to review and provide feedback
- Feedback is encouraged from all those with relevant expertise and knowledge from all sectors.
- Feedback will be gathered and documented in the consultation log.

### Consultation type: Senior Officials Check

- A minimum of two weeks as per the TPOF.
- Feedback will be gathered and documented in the consultation log.

### Consultation type: Technical Committee (TC)

- Set up on commencement of the project with tripartite representation, including:
  - Subject Matter Experts (SMEs) in EV technologies across automotive, mobile plant, marine and agricultural sectors
  - Educational experts with skills and knowledge about methods of adult/vocational teaching and learning
  - State and territory representatives with relevant expertise
  - Registered Training Organisations (RTOs)
  - Regulators (electrical safety, automotive licensing, marine safety, workplace health and safety authorities)
  - Union representation (AMWU and other relevant unions)
- Will meet via monthly meetings throughout the project to provide technical input and advice.
- Governed by TC Terms of Reference
- Will consider public and government feedback received and provide advice on required revisions to training products.
- Ensure all feedback documented in the project Consultation Log has been considered and a response formed and documented.

### Consultation type: Workplace Functional Analyses

- WFAs may be conducted across states and territories to identify and describe the work undertaken by electric vehicle technicians.

### Consultation type: Online Workshop

- Outlining project details
- Inviting broad consultation

### Contact

For further details regarding this project:

- Senior Training Product Development Lead, [tpi@ausmasa.org.au](mailto:tpi@ausmasa.org.au)

### Version Control

Version Number	Date	Author	Reviewed By	Approved By	Description of Change
1.0	21/01/2026	Andinet Shiferaw	Annie Barry	Annie Barry	Initial draft
2.0					
2.1					