

Transport and Infrastructure Net Zero Consultation Roadmap

Take the survey

Department of Climate Change, Energy, Environment and Water

Response received at:

July 24, 2024 at 11:11 AM GMT+10

Response ID:

sbm2f740ee836a703e019e84

1 Confirm that you have read and understand this privacy notice.

Yes

2 Please indicate how and if you want your submission published.

Public

3 Published name

Central NSW Joint Organisation

4 Confirm that you have read and understand this declaration.

Yes

5 First name

Jenny

6 Last name

Bennett

7 Email

[REDACTED]

- 8 Phone
[REDACTED]
- 9 Who are you answering on behalf of?
Organisation
- 10 Organisation name
Central NSW Joint Organisation
- 11 What best describes you or your organisation?
Government
- 12 What sector do you represent?
Other: "Councils"
- 13 What state or territory do you live in?
New South Wales
- 14 Postcode
2795
- 15 What area best describes where you live?
Regional area
- 16 1. Do you support the proposed guiding principles?
Not answered
- 17 1.1 Please add details to your response.
Not answered
- 18 2. Do you support the use of the avoid-shift-improve framework as a tool to identify opportunities for abatement?
Not answered

- 19** 2.1 Please add details to your response.
Not answered
- 20** 3. Do you agree the development of a national policy framework for active and public transport will support emissions reduction?
Not answered
- 21** 3.1 Please add details to your response.
Not answered
- 22** 4. What should be included in a national policy framework for active and public transport and how should it be developed?
Not answered
- 23** 5. What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to ensure the movement of people contributes to transport emissions reduction?
Not answered
- 24** 6.1 What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to ensure that the movement of goods contributes to transport emissions reduction?
Not answered
- 25** 6.2. How would these actions address the identified challenges and opportunities for emissions reduction in the movement of goods?
Not answered
- 26** 7. Do you agree with the proposed net zero pathway for light road vehicles?
Not answered

- 27 7.1 Please add details to your response.
Not answered
- 28 8. The Australian Government is currently developing an Australian New Vehicle Efficiency Standard and has already begun to implement actions in the National Electric Vehicle Strategy.8.1 What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to reduce light vehicle emissions?
Not answered
- 29 8.2 How would these actions address the identified challenges and opportunities to reduce light vehicle emissions?
Not answered
- 30 9. Do you agree with the proposed net zero pathway for heavy road vehicles?
Not answered
- 31 9.1 Please add details to your response
Not answered
- 32 10. The proposed pathway for heavy road vehicles relies on a mix of battery electric, hydrogen fuel-cell and low carbon liquid fuels.Rank from 1 to 3, the order in which these should be prioritised for emissions reduction.
Not answered
- 33 10.1 Please add details to your response. Why did you rank them in that order?
Not answered
- 34 11. What role should low carbon liquid fuels play in the heavy vehicle

decarbonisation?

Not answered

- 35 12. What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to reduce heavy vehicle emissions?

Not answered

- 36 13. Do you agree with the proposed net zero pathway for rail?

Not answered

- 37 13.1 Please add details to your response.

Not answered

- 38 14. The proposed pathway for rail relies on a mix of battery electric, hydrogen fuel-cell and low carbon liquid fuels. Rank from 1 to 3, the order in which these should be prioritised for emissions reduction.

Not answered

- 39 14.1 Please add details to your response. Why did you rank them in that order?

Not answered

- 40 15. What role should low carbon liquid fuels play in rail decarbonisation?

Not answered

- 41 16. What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to reduce rail emissions?

Not answered

- 42 16.1 How would these actions address the identified challenges and

opportunities to reduce rail emissions?

Not answered

43 17. Do you agree with the proposed net zero pathway for maritime?

Not answered

44 17.1 Please add details to your response.

Not answered

45 18. The Australian Government is engaging in consultation as part of the development of the Maritime Emissions Reduction National Action Plan and those consultations will also inform the final Roadmap and Action Plan. 18.1 What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to reduce maritime emissions?

Not answered

46 18.2 How would these actions address the identified challenges and opportunities to reduce maritime emissions?

Not answered

47 19. Do you agree with the proposed net zero pathway for aviation?

Not answered

48 19.1 Please add details to your response.

Not answered

49 20. The Australian Government has already engaged in consultation on aviation decarbonisation through the development of the Aviation White Paper and those consultations will also inform final Roadmap and Action Plan.

Not answered

- 50 20.1 What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to reduce aviation emissions?
Not answered
- 51 21. Do you agree with the proposed net zero pathway for transport infrastructure?
Not answered
- 52 21.1 Please add details to your response.
Not answered
- 53 22. What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to reduce transport infrastructure emissions and ensure that transport infrastructure is ready for and enables low-emission transport modes?
Not answered
- 54 22.1 How would these actions address the identified challenges and opportunities to reduce transport infrastructure emissions?
Not answered
- 55 23. What additional actions by governments, communities, industry and other stakeholders need to be taken now and in the future to ensure the energy mix is ready to support transport emissions reduction?
Not answered
- 56 24. How should the use of low carbon liquid fuels (LCLFs) be prioritised across different transport modes over time to achieve maximum abatement?
Not answered

- 57 25. What are the best ways for the Australian Government to work collaboratively with industry, business, governments and communities to implement the proposed pathways?
Not answered
- 58 25.1 What are good domestic or international examples of partnership and collaboration on transport and transport infrastructure emissions reduction that could inform the final Roadmap and Action Plan?
Not answered
- 59 25.2 What opportunities can Government leverage to show leadership in Australia and internationally?
Not answered
- 60 26. What measures and metrics should be used to evaluate the final Transport and Infrastructure Net Zero Roadmap and Action Plan?
Not answered
- 61 26.1 What other data and evidence could governments use and how could this offer further insights on the pace, scale and location of transport emissions reduction pathways?
Not answered
- 62 27. Do you have any feedback on the proposed review process?
Not answered
- 63 28. Do you have any further feedback on the Consultation Roadmap and proposed pathways?
Not answered
- 64 28.1 Is there anything missing? Are the sections appropriately integrated? Is the Roadmap appropriately ambitious?
Not answered

- 65 29. Is there any further information or documentation that you wish to be considered with your submission?
Not answered
- 66 Would you like to upload a document?
Yes
- 67 Have you removed any identifying information from your submission?
Yes
- 68 Upload a submission
240723_Feedback_on_Submission_Towards_Net_Zero_Transport_Sector.25b59562_Redacted.pdf
- 69 Upload a submission
Not answered
- 70 Upload supporting file
Not answered
- 71 Upload supporting file
Not answered

Submission to provide input to inform the development of the final Transport and Infrastructure Net Zero Roadmap and Action Plan



**CENTRAL NSW
JOINT ORGANISATION**

- Bathurst
- Blayney
- Cabonne
- Cowra
- Forbes
- Lachlan
- Lithgow
- Oberon
- Orange
- Parkes
- Weddin

23 July 2024

Enquiries: Ms J Bennett: [REDACTED]

[Transport and Infrastructure Net Zero Consultation Roadmap - Climate \(dcceew.gov.au\)](#)

To whom it may concern,

Re: Submission to provide input to inform the development of the final Transport and Infrastructure Net Zero Roadmap and Action Plan

Joint Organisations (JOs) were proclaimed in May 2018 under the NSW Local Government Act 1993. The Central NSW Joint Organisation (CNSWJO) represents over 177,000 people covering an area of more than 51,000sq kms comprising the eleven Local Government Areas of Bathurst, Blayney, Cabonne, Cowra, Forbes, Lachlan, Lithgow, Oberon, Orange, Parkes and Weddin.

Tasked with intergovernmental cooperation, leadership and prioritisation, JOs have consulted with their stakeholders to identify key strategic regional priorities. The CNSWJO Strategic Plan can be found here: [Strategic Plan & Regional Priorities - Central Joint Organisation \(nsw.gov.au\)](#)

Thank you for the opportunity to provide input to inform the development of the final Transport and Infrastructure Net Zero Roadmap and Action Plan. This response has been informed by policy developed in region.

Where the broader aspirations of this plan are supported, this response focuses on the light vehicle fleet given it has the largest impact on emissions and this region has been active in this space for over a decade. For example: <https://www.evtoolkit.centralnswjo.com/>

CNSWJO has recently completed a business case on the priority projects that address the nexus between energy security and renewable energy. Through the development of this business case using Ernst & Young [Business Case - Central Joint Organisation \(nsw.gov.au\)](#), this region has developed a deep understanding of the various challenges and opportunities for the uptake of electric vehicles (EVs) in this region. Further, the business case identified the need for intensive effort on Distributed Energy Resources (DER) where EVs and their batteries could be integral to optimising load.

Therefore, this region suggests that the Transport and Infrastructure Net Zero Roadmap give consideration to the role that the light passenger fleet can play in DER. This includes looking at existing regulatory and structural arrangements where these are barriers at present. If enabled, this will lead to the maximisation of use of these batteries, cheaper power prices for consumers and therefore faster EV uptake.

It is clear that DER must ramp up if the nation is to achieve its net zero targets. This region has concerns that the current approach is to draw timeline on paper without a deep knowledge of the logistics required and barriers to surmount. Examples include:

- Not all vehicles are capable of vehicle to grid – this needs to become mandatory;
- Leaseback vehicles – the complexity of parity for staff during the transition from ICE;
- Incentivisation of virtual power plants;
- The limitations of National Metering Identifiers (NMI) – by changing the way NMI work this would enable minigrids, microgrids and virtual net metering;
- Fire safety assurance and other perception management / capacity building;

- Distribution Network Service Providers being in a highly regulated environment not necessarily willing or able to enable DER and EVs; and
- Funding funding funding.

It is noteworthy that renewable energy generation is being significantly incentivised through Large General Certificates (LGCs). If similar funding going to LGCs could be afforded to DER in this region enabling vehicle to grid storage, energy security, uptake of renewables, cheaper electricity pricing and uptake of EVS will all be achieved.

This region would be very enthusiastic about supporting the Australian Government in implementing its Transport and Infrastructure Net Zero Roadmap and commends this initiative.

Please contact Ms Jenny Bennett on [REDACTED] or send an email to [REDACTED]

Yours sincerely

[REDACTED]

Ms Jenny Bennett
Executive Officer
Central NSW Joint Organisation