

# Transport and Infrastructure Net Zero Consultation Roadmap

## Take the survey

Department of Climate Change, Energy, Environment and Water

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Response received at:

June 25, 2024 at 4:15 PM GMT+10

Response ID:

sbm2ee42177de860626b49eb

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- 1 Confirm that you have read and understand this privacy notice.  
Yes
- 2 Please indicate how and if you want your submission published.  
Public
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Yes
- 5 First name  
Ten-Zen
- 6 Last name  
Guh
- 7 Email  
[REDACTED]

- 8 Phone  
Not answered
- 9 Who are you answering on behalf of?  
Individual or individuals
- 10 Organisation name  
Not answered
- 11 What best describes you or your organisation?  
Not answered
- 12 What sector do you represent?  
Not answered
- 13 What state or territory do you live in?  
New South Wales
- 14 Postcode  
2750
- 15 What area best describes where you live?  
City
- 16 1. Do you support the proposed guiding principles?  
No
- 17 1.1 Please add details to your response.  
We should be looking to reduce use of road transport for both passengers and freight, rather than prioritise use of EVs. Road vehicles are responsible for majority of transport emissions as shown in Figure 8 and electricity is the biggest emitter as shown in Figure 6. We should not be planning infrastructure for historical road transport trends to continue into the future as shown in Figure 4.

- 18 2. Do you support the use of the avoid-shift-improve framework as a tool to identify opportunities for abatement?  
Yes
- 19 2.1 Please add details to your response.  
Generally yes but strategically there needs to be a priority. 'Avoid' would be the most beneficial for carbon but harkens back to life during the pandemic which is not desirable. 'Shift' would be more beneficial than 'improve' as noted in my previous comment on electrification hence 'shift' should be the strategic priority.
- 20 3. Do you agree the development of a national policy framework for active and public transport will support emissions reduction?  
Yes
- 21 3.1 Please add details to your response.  
Generally yes but needs a strategic priority as noted in my previous comment in order to drive focused, sustained action.
- 22 4. What should be included in a national policy framework for active and public transport and how should it be developed?  
Mode share targets and funding commitments.
- 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?  
Stakeholder alignment towards a shared vision, hence the importance of a clear strategic priority as mentioned previously.
- 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?  
No
- 27 7.1 Please add details to your response.  
We should be looking to reduce use of road transport for both passengers and freight, rather than prioritise use of EVs. Road vehicles are responsible for majority of transport emissions as shown in Figure 8 and electricity is the biggest emitter as shown in Figure 6. We should not be planning infrastructure for historical road transport trends to continue into the future as shown in Figure 4.
- 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?  
Encourage mode shift, not electrification. Norway tried to encourage electrification but it backfired on them:  
<https://www.vox.com/future-perfect/23939076/norway-electric-vehicle-cars-e-vs-tesla-oslo>
- 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?  
No

- 31** 9.1 Please add details to your response  
Mode shift should be prioritised, not electrification
- 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?

Develop a strategic vision to achieve stakeholder alignment, with an overarching independent party ensuring stakeholders are aligned and integrated

- 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?

Mode share targets, vehicle kilometres travelled

- 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?  
Overall needs a strategic priority and clear metrics that align with it
- 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?  
No
- 67 Have you removed any identifying information from your submission?  
Not answered
- 68 Upload a submission  
Not answered
- 69 Upload a submission  
Not answered
- 70 Upload supporting file

Not answered

**71** Upload supporting file

Not answered