

# Transport and Infrastructure Net Zero Consultation Roadmap

## Take the survey

Department of Climate Change, Energy, Environment and Water

---

Response received at:

July 5, 2024 at 10:37 AM GMT+10

Response ID:

sbm2f166be32671968d15ac3

---

- 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  
Jay Tuckey
- 4 Confirm that you have read and understand this declaration.  
Yes
- 5 First name  
Jay
- 6 Last name  
Tuckey
- 7 Email  
[REDACTED]

- 8 Phone  
[REDACTED]
- 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?  
Northern Territory
- 14 Postcode  
0810
- 15 What area best describes where you live?  
City
- 16 1. Do you support the proposed guiding principles?  
Yes
- 17 1.1 Please add details to your response.  
However, we need to consider alternative types of transport, instead of only putting in EV's as the alternative to cars.
- 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.

This is a good approach, particularly encouraging a shift to public transport and active transport.

**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.

Not answered

**22** 4. What should be included in a national policy framework for active and public transport and how should it be developed?

We need to incentivize lighter vehicles, like ebikes and small, efficient cars. Most cars are completely oversized at the moment.

**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?

Subsidies on ebikes, scooters and the like. Government-run bike and scooter share.

**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 need to include more incentives to move to other types of transport, like trains. Trains are already electrified, and don't require new tech to achieve.
- 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?  
We need to include a push in the Efficiency Standard to use smaller vehicles. In the USA the efficiency standard has cutouts for large, heavy vehicles, making them more popular.
- 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?  
Yes
- 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.  
1: Hydrogen fuel cell

- 2: Battery electric
- 3: Low carbon liquid fuels

**33** 10.1 Please add details to your response. Why did you rank them in that order?

Batteries are so heavy that in heavy transport it significantly reduces the carrying weight of the vehicle. H2 instead should allow more efficiency. Low-carbon liquid fuels are unproven, and often include farming massive amounts of land for production.

**34** 11. What role should low carbon liquid fuels play in the heavy vehicle decarbonisation?

Very little - the farming involved creates massive environment harm.

**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?

Yes

**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.

- 1: Hydrogen fuel cell
- 2: Battery electric
- 3: Low carbon liquid fuels

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

Where is just electrified rail? Then the train doesn't need to transport it's energy?

Batteries are so heavy that in heavy transport it significantly reduces the carrying weight of the vehicle. H2 instead should allow more efficiency. Low-carbon liquid fuels are unproven, and often include farming massive amounts of land for production.

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

Very little - the farming involved creates massive environment harm.

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?

Yes

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?  
unsure

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?  
Yes

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?

They should be de-prioritised because of the environmental harm of the farming.

- 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?

Push for more efficient transport methods, like public transit and dense, livable cities with active transport.

- 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?  
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