

Transport and Infrastructure Net Zero Consultation Roadmap

Take the survey

Department of Climate Change, Energy, Environment and Water

Response received at:

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- 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?
Western Australia
- 14 Postcode
[REDACTED]
- 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.
Potential for additional guiding principles such as ensuring a sustainable future. For example, ensuring financial sustainability (alternatives to fuel excise), ensuring initiatives do not compromise future and contribute for resilience (resources, ongoing maintenance etc)
- 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.

Not answered

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.

Mode shift is in principle better than transition to EVs vehicles. Light vehicles is still less efficient for transport in terms of consumption of space, energy and material resources.

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

Key components: Clear vision, goals and objectives. Infrastructure improvement plans. Clear coordination pathways across jurisdictions and agencies tied to funding arrangements.

How: Stakeholder engagement, evidence-based information, legislative and funding arrangements, feedback mechanism for continuous improvement.

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?

Identify legislative constraints, re-adapt current funding mechanism and focus on behavior change. Providing a clear direction.

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?

Tax system where 'green' freight is compensated, low emission zones, intermodal

facilities.

- 25 6.2. How would these actions address the identified challenges and opportunities for emissions reduction in the movement of goods?
By encouraging and enabling 'users' to choose 'green freight' through economic mechanisms
- 26 7. Do you agree with the proposed net zero pathway for light road vehicles?
Yes
- 27 7.1 Please add details to your response.
Potential to implement a hierarchy of outcomes. Mode shift being more important than EV uptake.
- 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?
To create a financial sustainable system that still encourages users to use efficient energy vehicles.
- 29 8.2 How would these actions address the identified challenges and opportunities to reduce light vehicle emissions?
as above
- 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: Low carbon liquid fuels
 - 2: Battery electric
 - 3: Hydrogen fuel cell
- 33 10.1 Please add details to your response. Why did you rank them in that order?
- Ranked by feasibility and readiness of technology. It will enable to act from the start.
- 34 11. What role should low carbon liquid fuels play in the heavy vehicle decarbonisation?
- Progressive reduction of emissions and trigger fuel excise resolution
- 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?
- As above
- 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: Battery electric

2: Hydrogen fuel cell
3: Low carbon liquid fuels

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

By feasibility expect low carbon as I believe it's better to keep an electrified network.

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

Not sure

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?

This mode is less of a priority as does not contribute as much for emissions

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 sure

- 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?
Yes
- 48 19.1 Please add details to your response.
The pathway is more uncertain due to technology constraints, possibly a policy to revisit a much later date
- 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?
No
- 51 21. Do you agree with the proposed net zero pathway for transport infrastructure?
Yes
- 52 21.1 Please add details to your response.
Agree on the contention in building more roads, potentially inducing vehicle demand and adding to the backlog of maintenance
- 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?

Pro-active approach in building enabling infrastructure for energy production and distribution.

- 56 24. How should the use of low carbon liquid fuels (LCLFs) be prioritised across different transport modes over time to achieve maximum abatement?

Yes to certain modes of transport (e.g. heavy vehicles)

- 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?

Good evidence-based information, cross-collaboration and innovative funding arrangements

- 60 26. What measures and metrics should be used to evaluate the final Transport and Infrastructure Net Zero Roadmap and Action Plan?
Emissions, modal shift, EVs uptake, enabling infrastructure
- 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?
Financial sustainability, international trends
- 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