

# 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 2, 2024 at 7:18 AM GMT+10

Response ID:

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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
- 3 Published name  
John Pasqua
- 4 Confirm that you have read and understand this declaration.  
Yes
- 5 First name  
John
- 6 Last name  
Pasqua
- 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?  
New South Wales
- 14 Postcode  
2138
- 15 What area best describes where you live?  
City
- 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?  
Yes

- 19** 2.1 Please add details to your response.  
In regards to charging stations for EV's, I suggest that every suburban transformer (in NSW they are green coloured and the size of a small shed) should have at least two charging units attached to these transformers.  
Every suburb in NSW has multiple transformers located in their streets. The electrical infrastructure is already there, you just have to tap into it.  
In this way every transformer can build onto the existing charging network.  
Regards John Pasqua
- 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?  
Public transport heading into cities should be reduced to encourage people to travel via this mode
- 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?

Yes

**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.

1: Battery electric

- 2: Hydrogen fuel cell
- 3: Low carbon liquid fuels

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

I placed low carbon liquid fuels as number 3, as these fuels are yet to deliver on their promise of a CO2 free fuel. Their actual production in a beta environment is environmentally damaging

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

Zero

**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.

- 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?

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?  
Yes
- 44 17.1 Please add details to your response.  
Overseas has seen the introduction of ships with very large batteries. Let's have our ferry fleet within Sydney harbour electrified
- 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?

Yes

**48** 19.1 Please add details to your response.

There are many technological breakthroughs in regards to electrifying this mode of transport. Let's encourage this

**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?  
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?  
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