

# 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:

July 23, 2024 at 11:41 AM GMT+10

Response ID:

sbm2f7358b69fa76d8ab2b6e

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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  
City of Port Adelaide Enfield
- 4 Confirm that you have read and understand this declaration.  
Yes
- 5 First name  
Matthew
- 6 Last name  
Hutson
- 7 Email  


- 8 Phone  
[REDACTED]
- 9 Who are you answering on behalf of?  
Organisation
- 10 Organisation name  
City of Port Adelaide Enfield
- 11 What best describes you or your organisation?  
Government
- 12 What sector do you represent?  
Other: "Local Government"  
Active transport  
Infrastructure  
Climate change/net zero  
Light road vehicles (cars, utes etc. )  
Heavy road vehicles (trucks, buses etc.)
- 13 What state or territory do you live in?  
South Australia
- 14 Postcode  
5015
- 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.  
These principles are a great guide to decision-making and demonstrates our actions

towards a more sustainable and environmentally friendly future. They reflect a commitment to addressing climate change and its impacts on society and the economy.

**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.

By applying the ASI framework, policymakers and stakeholders can systematically identify where emissions can be reduced most effectively.

**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.

Yes, having a national policy framework for active and public transport is a positive step towards emissions reduction

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

A national policy framework for active and public transport should be comprehensive, inclusive, and forward-looking. In terms of development, the policy framework should be developed through a collaborative and transparent process. It should highlight the current issues, provide a review from best-practice and lessons learnt from overseas, work with the public to gather ideas and allow for an adaptative approach as technology changes.

**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?

Investment into the right type of infrastructure to encourage active and public transportation. Having the right policies across organisations and incorporate emission-reducing practices into business operations.

- 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?  
Investment in the right infrastructure that encourages reduced emissions and creating policies that organisations that promote low-emissions (zero emissions). Provide education and training. Promote circular economy.
- 25 6.2. How would these actions address the identified challenges and opportunities for emissions reduction in the movement of goods?  
Through better practices, consumer demand and education.
- 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?  
Set emission standards, follow best practices (e.g. Europe), raise awareness and make it accessible to everyone.
- 29 8.2 How would these actions address the identified challenges and opportunities to reduce light vehicle emissions?  
It would drive consumer behaviour, shape market by creating jobs, technology, innovation and investment.

- 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: 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?  
In Australia, we are rich in resources suitable to establish a strong sector in manufacturing battery electric. It would be more sustainable to utilise these resources to drive our reduction in emissions.
- 34 11. What role should low carbon liquid fuels play in the heavy vehicle decarbonisation?  
It would assist with changing the current trend, but not be the ultimate outcome.
- 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?  
Set targets, provide incentives, raise awareness, invest in technology, work across the industry to have the common goal.
- 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?  
Preference for battery
- 40 15. What role should low carbon liquid fuels play in rail decarbonisation?  
It's a start, but not the desired outcome
- 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?  
Investment, funding, political will, Policy and demand
- 42 16.1 How would these actions address the identified challenges and opportunities to reduce rail emissions?  
Reduce emissions by new cleaner technology
- 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?  
Support cleaner Ports, educate, drive change and adopt greener strategies
- 46 18.2 How would these actions address the identified challenges and opportunities to reduce maritime emissions?  
Invest in research and development, push for cleaner fuels, combined effort from the whole sector is required to shift these challenges.
- 47 19. Do you agree with the proposed net zero pathway for aviation?  
Yes
- 48 19.1 Please add details to your response.  
Yes if it drives reduced emissions
- 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.  
Understanding the industry and developing a roadmap and action plan is a great step
- 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?  
Investment, education, policy and all sectors to drive change
- 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?  
Investment in the infrastructure, drive change through education, awareness and incentives
- 54 22.1 How would these actions address the identified challenges and opportunities to reduce transport infrastructure emissions?  
Would start to change habits, drive change and reduce emissions
- 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?  
Awareness, education and campaigning
- 56 24. How should the use of low carbon liquid fuels (LCLFs) be prioritised across different transport modes over time to achieve maximum abatement?  
It should be strategic and based on the potential for emissions reduction and the feasibility of implementation.
- 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?  
Collaboration with all stakeholders through investment, education and changing mindsets
- 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?

Explore lessons learnt from key similar countries that have had success. E.g. UK & Europe.

- 59 25.2 What opportunities can Government leverage to show leadership in Australia and internationally?  
Setting targets, Policy, Innovation and investment
- 60 26. What measures and metrics should be used to evaluate the final Transport and Infrastructure Net Zero Roadmap and Action Plan?  
measures and metrics in emission reductions, energy consumption, renewal energy adoption and economic impacts
- 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?  
percentage of modal shift and progress of infrastructure development
- 62 27. Do you have any feedback on the proposed review process?  
no further comments
- 63 28. Do you have any further feedback on the Consultation Roadmap and proposed pathways?  
no further comments
- 64 28.1 Is there anything missing? Are the sections appropriately integrated? Is the Roadmap appropriately ambitious?  
It appears realistic and any change to have this implemented is supported
- 65 29. Is there any further information or documentation that you wish to be considered with your submission?  
no further comments

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