

2025 consultation

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This document is a submission to the Net Zero Commission's 2025 consultation. As part of the consultation process, the commission has committed to publishing the submissions it receives. Submissions do not represent the views of the commission.

2025 consultation questions

1. What can you tell us about your experience of the impacts of climate change and how can the commission seek to reflect and respond to this in its work?	
2. What actions can the commission take to engage across the community to help drive the shifts needed for the net zero transition and for effective climate change mitigation and adaptation?	
3. How should the commission best engage with First Nations people to learn about cultural knowledge and practices to support adaptation, and what information and evidence should it draw on to inform its understanding of these practices?	
4. What additional mechanisms, support, or incentives can meaningfully empower and enhance First Nations people's involvement in climate mitigation, adaptation and environmental stewardship?	
5. What additional information and evidence should the commission consider when assessing progress towards NSW's targets for reducing net greenhouse gas emissions?	
6. The speed of deployment of electricity generation and	

infrastructure is a key risk to emissions reduction targets. What more could be done to fast-track deployment?	
7. Are the measures now in place sufficient to ensure community engagement and benefit sharing from the build out of infrastructure for the energy transition?	
8. Are First Nations communities adequately engaged and included in sharing the benefits of the transition? What more could be done, and by whom?	
9. What are likely to prove the most effective approaches to accelerate rapid decarbonisation across freight and passenger transport?	
10. What specific actions or policies could increase uptake of emissions reduction strategies in agriculture, both in the short and long term?	<p>Encouragement of biomethane production opportunities. Europe has a well established biomethane industry that currently produces enough biomethane to fuel NSW annual natural gas consumption. The US has a large biomethane industry with a number of Australian companies that may look to return to local development given the current political climate.</p> <p>Consultation on introducing emissions costs for agricultural industry and grants for biomethane projects in strategic agricultural areas close to livestock production and gas network lines (or large industrial consumers)."</p>
11. Given the uncertainties in land-sector net emissions, how should NSW incorporate this sector into the states climate policy and emissions profile?	
12. What specific actions could increase carbon storage and resilience of the existing carbon stock in the land sector and meaningfully enhance the application of First	<p>You could promote the use of low temperature cultural burns into RFS back burning strategies.</p> <p>Low temperature cultural burns reduce fuel loads without killing many native trees and reduce the incidence of prescribed burns damaging ecological communities that are more sensitive to frequent hazard reduction burns.</p>

Nations people's knowledge and practices?	
13. What policies or programs at a sectoral level could complement the Safeguard Mechanism to support the accelerated decarbonisation of heavy industry in NSW?	<p>If you connect this point to earlier comments regarding question 10, there is a current opportunity for biomethane production in NSW to be used by hard to abate industrial users. Delorean Corporation currently has a project to supply Brickworks with biomethane it will produce from a plant it has recently announced.</p> <p>A2EP wrote a submission to the Victorian government in response to consultation on renewable gas targets that suggested there was already 5 times the first 2 year target set by the Roadmap of biomethane being produced by industrial businesses that were in close enough proximity to supply large scale industrial gas users. They also note that these biomethane producers generally flare around 75% of this gas as it is often used for boilers that are not economical to run at times when electricity is cheap.</p>
14. What measures could accelerate industrial heat electrification in NSW, where technology is viable?	
15. What short to medium term measures could be prioritised to address the systemic challenges regarding waste generation and resource recovery?	Encourage biomethane capture through grants or emissions trading schemes.
16. How could transparency of how coal mines meet their Safeguard Mechanism obligations be improved?	
17. What measures would lead to coal mines prioritising on-site abatement over offsetting?	
18. What measures should be considered beyond the Safeguard Mechanism to reduce emissions of the resources sector, particularly methane emissions, to meet NSW's emissions reduction targets?	
19. What additional measures could	

accelerate electrification and increase energy efficiency of new and existing buildings?	
20. How could social equity be better addressed in the transition to an electrified built environment?	
21. What approaches could NSW consider to eliminate refrigerants with a GWP >10 from buildings?	
22. What should be included in an emissions monitoring framework for NSW in the context of the transition to net zero, including any specific metrics and indicators?	
23. The adaptation objective is for NSW to be more resilient to a changing climate. The Act allows for regulations to further define the adaptation objective. What does a more resilient NSW look like to you?	
24. What additional information and evidence should the commission consider when assessing progress towards the adaptation objective?	
25. How can adaptation planning better use the NSW Government's climate change projections (NARClIM)?	
26. What other information or tools are needed to support decision-makers in NSW?	
27. What initiatives should the commission	

consider in assessing NSW's preparation and responses to extreme heat and humidity events in NSW?	
Are there any other pieces of evidence or feedback you would like to add?	