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**Which of the following best describes your situation?**

Farmer/producer

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**Are you responding on behalf of an organisation or industry body?**

No

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**How would you like to respond?**

a. Answer discussion paper questions via the online survey

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**What are the opportunities to reduce emissions and build carbon stores in agriculture and the land? What are the main barriers to action?**

Give farmers the incentive to cultivate carbon sinks through farm forestation and soil carbon as a result of adoption of regenerative agriculture. Governments are going to need to provide incentives and educate the rural sector.

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**How can we progress emission reduction efforts whilst also building resilience and adapting to climate change?**

Incentives for investing in regenerative agriculture and the role out of subsidised carbon monitoring to enhance carbon trading.

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**Are there initiatives or innovative programs underway that could be applied or expanded on at a national scale?**

Much of regenerative agriculture has been user pay to date without much government assistance for holistic infrastructure

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**How can the Australian Government bring together existing effort and new initiatives into one coordinated plan?**

Direct financial incentives

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**What are the most important options to be further adopted or supported, looking in the short and the longer-term?**

The methane debate in respect to the metrics associated with GWP100 and the treatment of methane from livestock needs to encompass GWP star to make allowances for short term pollutants such as methane

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**What are the practical solutions to increase uptake?**

Scientists need to acknowledge differing research and derive a mixture of metrics and apply them to livestock emissions. We can then move together to counter global warming.

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**How do you see the agriculture and land sectors contributing over the medium and longer-term? What are the opportunities to deliver emission reductions in parallel with wider goals?**

Cultivation of floral sinks and sequestration of carbon in the soil through the widespread adoption of regenerative agriculture

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**How can the Australian Government better support agriculture and land sectors to:**

**a) drive innovation**

**b) build capacity**

**c) ensure the system enables emissions reductions**

Change will be enhanced through funding for education and incentives for holistic infrastructure ie watering points and fencing Incentives for base line soil monitoring for carbon in the soil.

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**What new initiatives could the Australian Government design that would support emissions reduction and carbon storage in agriculture and land and help ensure a productive, profitable, resilient and sustainable future for the sectors?**

Adoption of regenerative agriculture through holistic management principles.

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**A consistent and trusted approach for assessing and reporting emissions is often raised as a barrier to reducing emissions. Is there a role for the Australian Government in addressing this concern, and how can producers and land managers be supported?**

The science needs to be right? Adoption of the best combination of metrics to deal with methane .Presently this issue is being driven by two professors who appear to have blinkers on when assessing the right combination of metrics to deal with methane which is a short term pollutant within GWP100. Once a universally accepted metric is adopted producers should move forward with confidence.

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**What skills, knowledge and capabilities do you think producers and land managers need to implement change? What information and data would help them make decisions about emissions reductions and sustainable land management in the short and longer-term?**

Many land managers have been practicing carbon abatement through zero till and regenerative agriculture for a few decades. Governments need to promote the workings of these land managers through education models and financial incentives for the adoption of carbon monitoring and the promotion of regenerative agriculture ideals.

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**Do you have any additional views or feedback that you would like to include in your response?**

Get the science right!!!!!!!!!! Government has taken on board the opinions of two Australian climate professors and developed an emissions calculating platform for farmers. The platform is totally centred around GWP100 metrics for methane auditing. International debate is starting to question this approach to calculating methane. As a past scientist once said "Science is about not being right or wrong ,its about being willing to ask the right questions and follow the evidence wherever it leads" Lets hope consensus can prevail moving forward with the debate on methane metrics.

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**Is your response confidential?**

No

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**Do you agree to your response being published on our website?**

Yes

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**Please de-identify my response**

Yes

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**I have read and understood the privacy notice and consent to the collection, use and disclosure of my personal information as outlined in the privacy notice.**

Yes

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**Confirm that you have read and understand this declaration.**

Yes

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