

New Zealand approach for climate action in agriculture

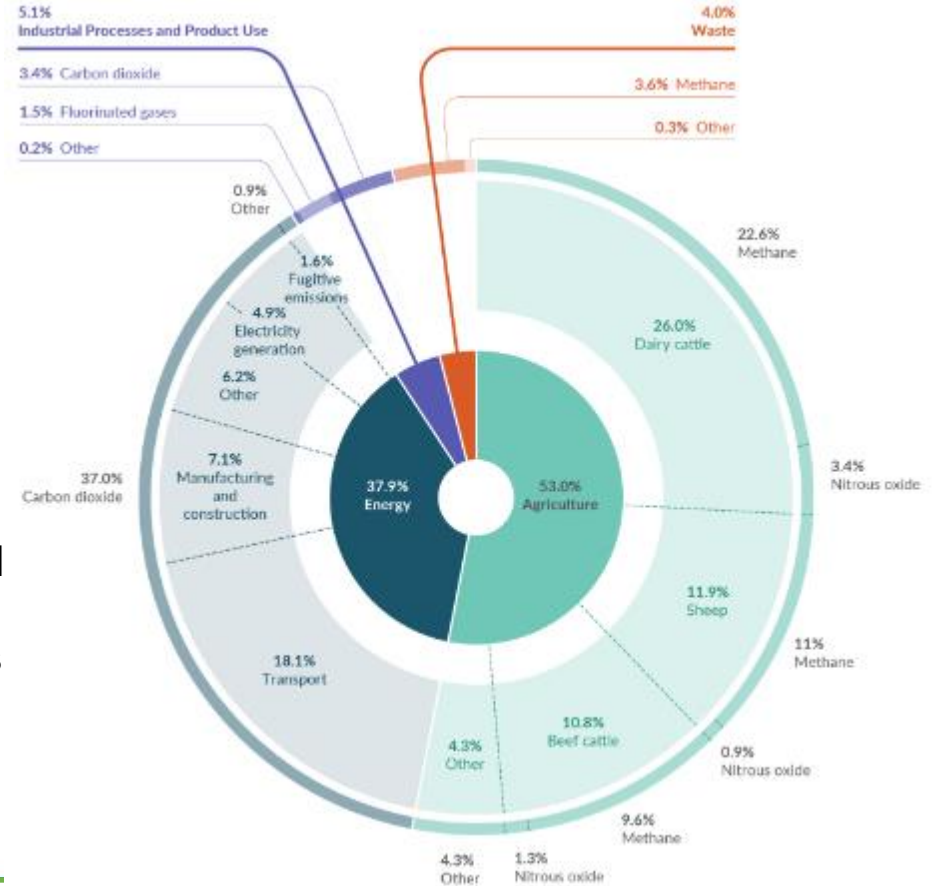
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Ministry for Primary Industries
Manatū Ahu Matua



New Zealand context

- An agriculture exporting nation → 80% of all goods exports
- Over half of our emissions from agriculture → mainly methane from livestock
- Mitigation and adaptation are essential
- Taking a systems approach to address the challenge



Domestic action reflects our economic settings

- New Zealand eliminated agriculture subsidies in the 1980s
- Support shifted from production subsidies to investments in R&D and long term capability
- Now one of the most efficient primary sectors in the world
- We produce more food with fewer animals than we did 40 years ago
- 90% of the food we produce is exported



A multi-faceted systems approach

- Science-based
- Technology-driven
- Data-enabled
- Public-private partnership
- Supported by...NZ\$400 million of public funding and private sector finance...
- ...and an enabling regulatory environment



Key system components



AG EMISSIONS
CENTRE

New Zealand
Agricultural
Greenhouse Gas
Research Centre

AgriZero^{NZ}



on-farm emissions
calculator



International collaboration



Climate Smart
Agriculture Initiative
New Zealand



Food and Agriculture Organization
of the United Nations

- FAO Food & Agriculture for Sustainable Transformation (**FAST**) Programme
- FAO Livestock Environmental Assessment and Performance (**LEAP**) Partnership
- FAO Technical Group on Compliant and Voluntary Carbon Markets

CODEX ALIMENTARIUS
INTERNATIONAL FOOD STANDARDS



Key takeaways

- **Repurposing public support** toward R&D can drive productivity and climate outcomes
- **Public-private partnerships** can accelerate the transition from research to real world solutions
- **International cooperation** amplifies impact and supports more equitable access globally



Ngā mihi / Thanks

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