

New Zealand's approach to mitigate greenhouse gases in the agriculture sector
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This presentation will share New Zealand's experience in the mitigation of greenhouse gas emissions from the agriculture sector. It will provide an overview of the policy context for greenhouse gas emission reductions in the agriculture sector including New Zealand's proposed Emissions Trading Scheme. Within this context it will explore a number of issues including outlining New Zealand's agriculture research and innovation framework and currently available technologies to mitigate non-CO₂ greenhouse gases in livestock agriculture. It will explore the factors related to realising the reduction potential of these technologies in New Zealand including deployment, transfer and diffusion, methodological approaches and incorporation of technologies into the national greenhouse gas inventory. New Zealand's international cooperative efforts will be discussed, in particular the recent establishment of an international research network. Costs and benefits of mitigation will be discussed including links with sustainable land management, productivity and efficiency gains in food production, food miles and carbon footprints.