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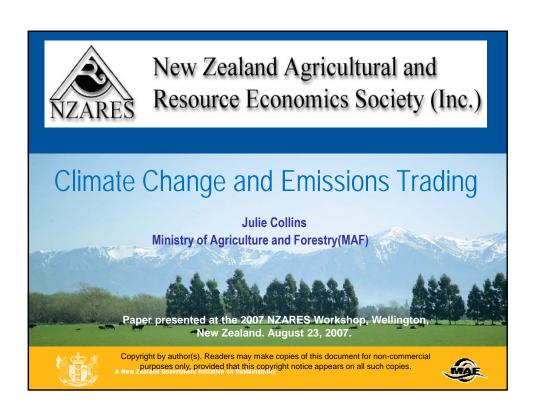
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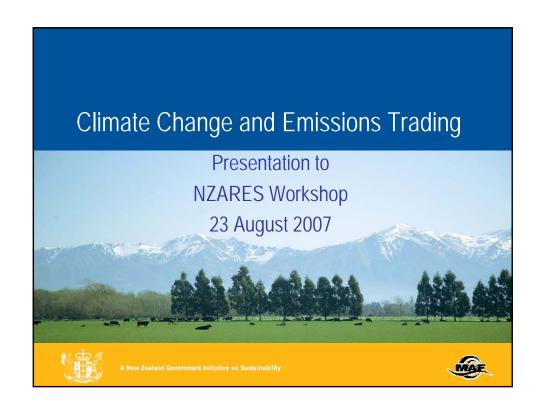
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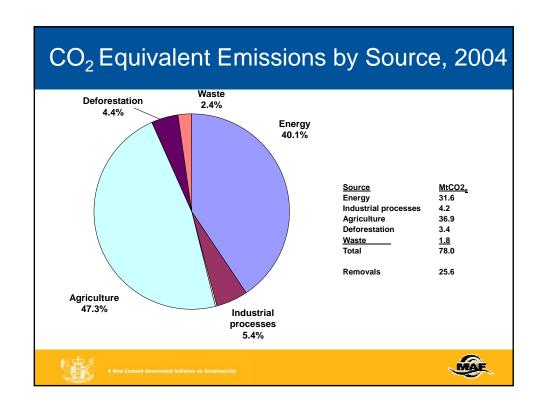


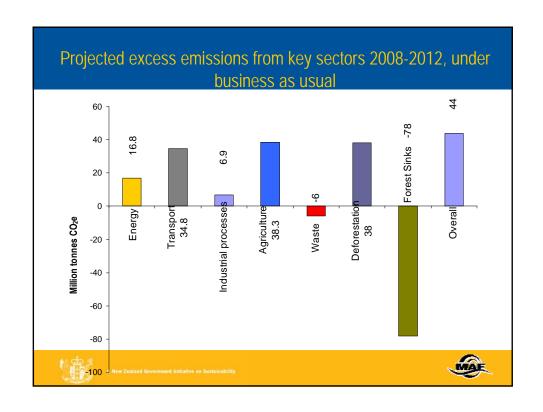
### Content

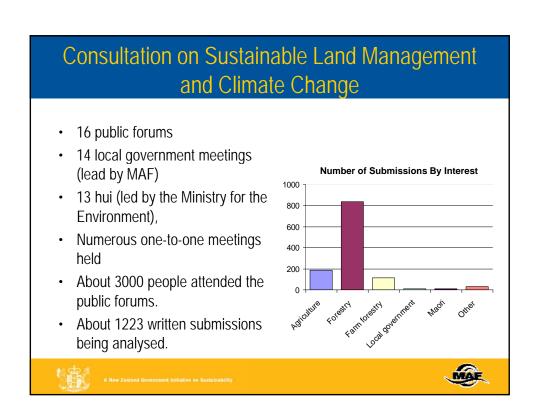
- Feedback from consultation
- Possible NZ Emission Trading Scheme
- Sustainable Land Management and Climate Change Plan of Action











### Key themes from consultation

#### Commonly held views and concerns included:

- Science and measurement of emissions critical;
- The value of trees on farms should be recognised uncertainty around credits and liabilities causing a crisis of confidence in forestry and affecting investment;
- Deforestation restrictions are 'retrospective' and can restrict flexibility of land use (critical for Maori);
- Agriculture is a price-taker and thus competitiveness-at-risk;
- Agriculture policies will restrict production and profitability, have high compliance costs and be bureaucratic;
- Horticulture could be disadvantaged as the policies are driven by emissions from animal agriculture;



A New Zealand Government Initiative on Sustainability



#### Government's wider climate change policy

- Action on climate change integral to Sustainability and Economic Transformation
- A wide number of initiatives already announced e.g. PFSI, new building code, biofuels obligation.
- A focus on design of a Potential NZ Emissions Trading Regime places a price on carbon across the economy
- Further sector based action on mitigation depends on decisions around Emissions Trading
- Local government has a key role to play in both adaptation and mitigation



A New Zealand Government Initiative on Sustainability

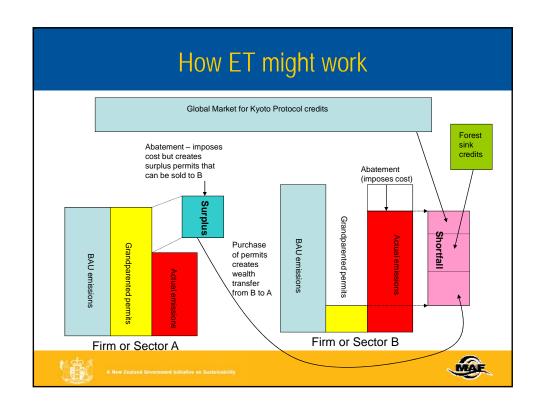


### Why an Emissions Trading System

- Taxes and Emissions Trading are the principal price-based approaches to address environmental externalities
- Emissions Trading schemes increasingly favoured e.g. Kyoto, EU ETS, Australia, Stern.
- The fundamental difference between tax and ET is:
  - tax regimes government sets a cost of emissions and the market determines the level of emissions at that cost
  - ET government sets level of allowable emissions and market determines the cost of emissions to achieve that level







#### Design parameters of NZ ETS

- Coverage which gases and sectors?
- Overall cap or target level of emissions?
- Points of obligation which firms/entities will need to buy, sell and retire units?
- Timing scheme/sectors
- Offsets allowed or not, if so which ones?
- Trading period duration tradeoff between lack of knowledge about the future (suggesting shorter periods) vs businesses needing certainty and time to adapt (suggesting longer periods)



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### Design parameters of NZ ETS

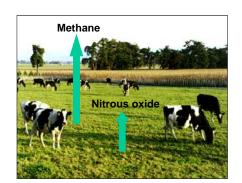
- Banking and borrowing can permits be carried forward?
- Competitiveness relevant as many competitors not in Kyoto
- International linkages can permits be bought in and sold out of ET?
- Market ownership and governance transactions costs as low as possible, must be credible and ownership rights enforceable
- Treaty of Waitangi issues e.g. are their any Maori specific issues to address, can Maori participate equally?





## Challenges for Agriculture in ET

- Agriculture complex and many challenging issues:
  - Emissions measurement
  - Point of obligation farm level or processors?
  - Timing
  - Mitigation







# Challenges for Forestry in ET

- Forestry –how existing forestry programmes will be handled (PFSI)
- · Carbon accounting, monitoring and verification
- · Allocation of deforestation permits
- Exemptions









# Sustainable Land Management and Climate Change Plan of Action

- ET focus on mitigation Government recognises the need for complementary measures:
  - Research and technology transfer
  - Adaptation
  - Business opportunities
  - Communication and Engagement



 Need to develop these in partnership with sectors to have relevant, well informed and enduring policies



