

Overview of New Zealand's LULUCF Data Submission

AWG-KP Informal on LULUCF

Bangkok, 1st Oct 2009



Ministry of Agriculture and Forestry
Te Manatū Ahuwhenua, Ngāherehere

Key Items in Data Submission

- Overview of New Zealand's forests
- Forest Management (Article 3.4 forests)
 - Projection of carbon flux
 - Impact of different accounting rules (Gross-Net with Caps, Gross-Net, Net-Net, The Bar)
- Afforestation/Reforestation (Article 3.3 forests)
 - A/R Debit Credit rule
- Harvested Wood Products (HWP)
 - Emissions To Atmosphere (ETA) approach

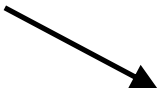
Overview of New Zealand's forests

Protected Natural forests

6.3 million hectares

Planted Production forests

1.8 million hectares



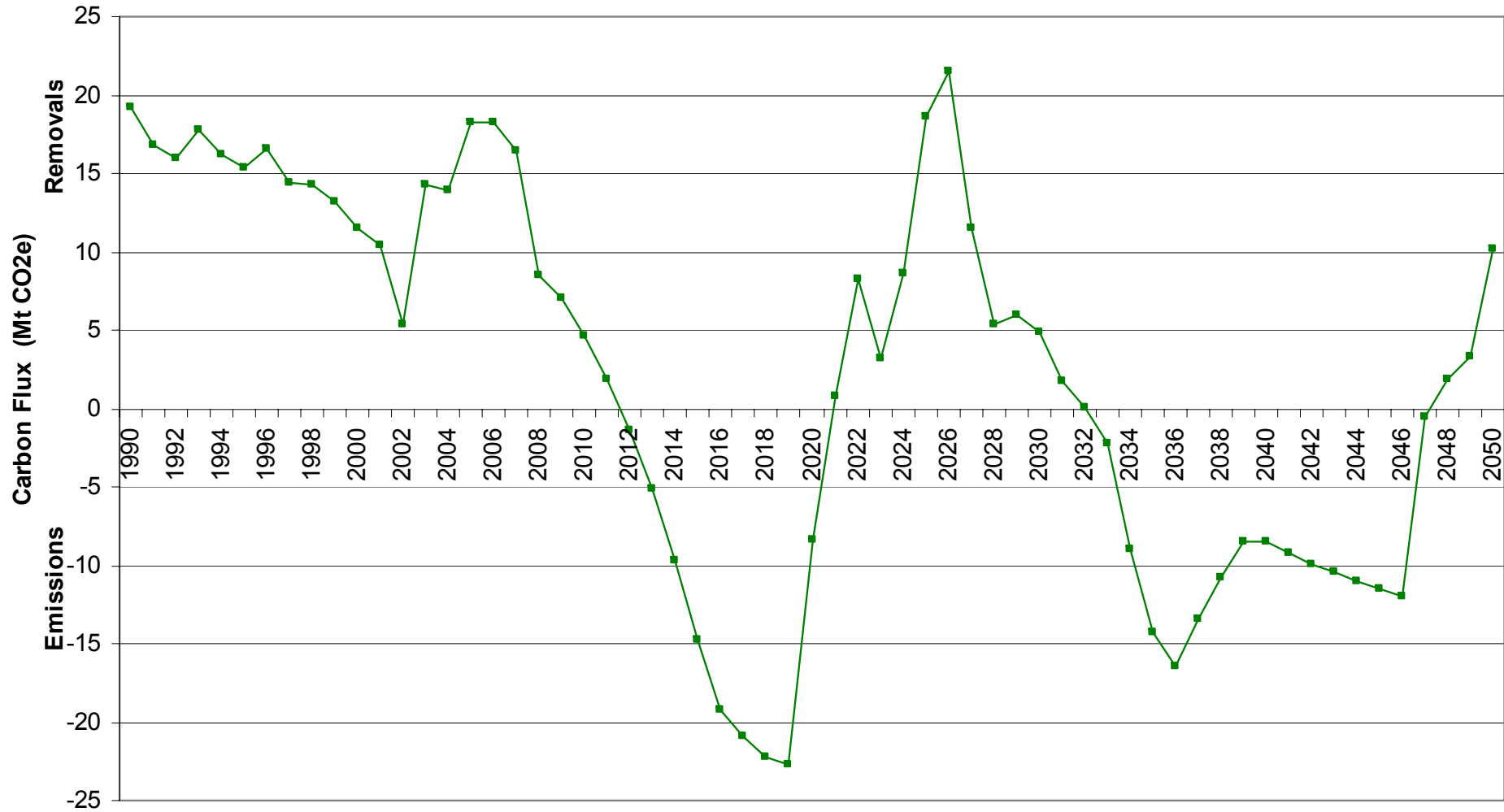
Forest Management
(Article 3.4 forests)

Afforestation /
Reforestation
(Article 3.3 forests)

1.2 million
hectares

0.6 million
hectares

Projection of carbon flux in Forest Management (Article 3.4 forests)



Example: Impact of different accounting rules on Forest Management (Article 3.4 forests) over the period 2013 to 2017

Rule	Gross-net with caps (Mt CO ₂ e) (assuming status quo continues) ^[1]	Gross net (Mt CO ₂ e)	Net-Net 1990 (Mt CO ₂ e)	Bar (Mt CO ₂ e)
Projected change in carbon stock in pre-1990 forest	-69.8	-69.8	-69.8	-69.8
Change to Assigned Amount due to shift to net-net	NA	NA	-93.4	NA
Allowance for BAU carbon stock change under the bar	NA	NA	NA	-69.8 ^[2]
Effect on New Zealand's net accounting position from pre-1990 forest accounting. ^[3]	-3.7 ^[4]	-69.8	-163.2	0
New Zealand's AAUs in CP1 (for comparison)	309.5	309.5	309.5	309
Percent of CP1 AAUs	1%	23%	52%	0%

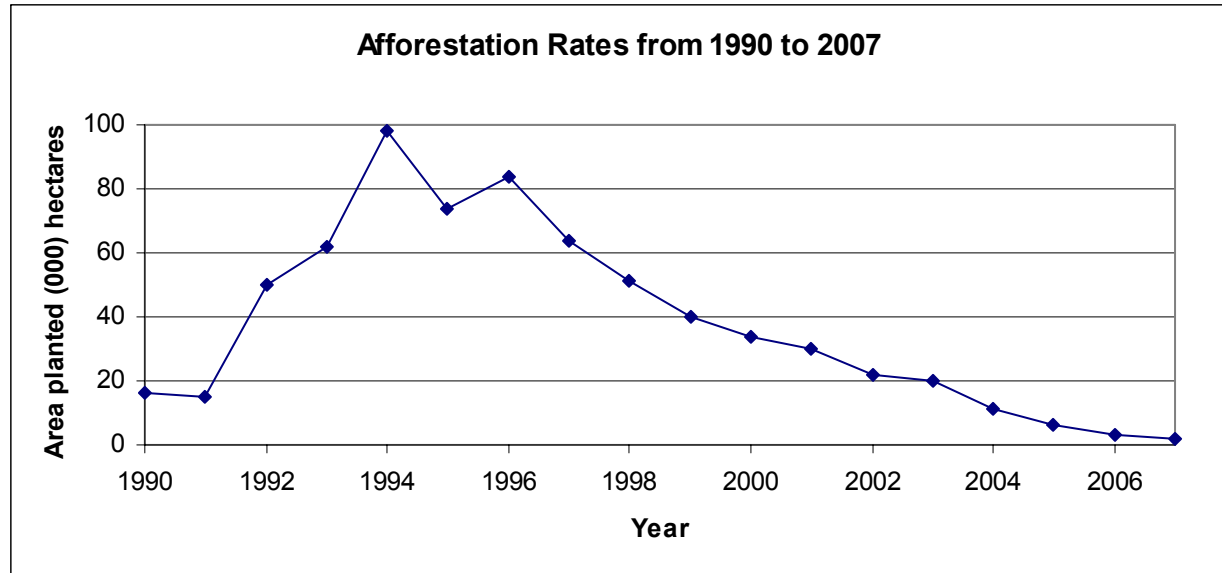
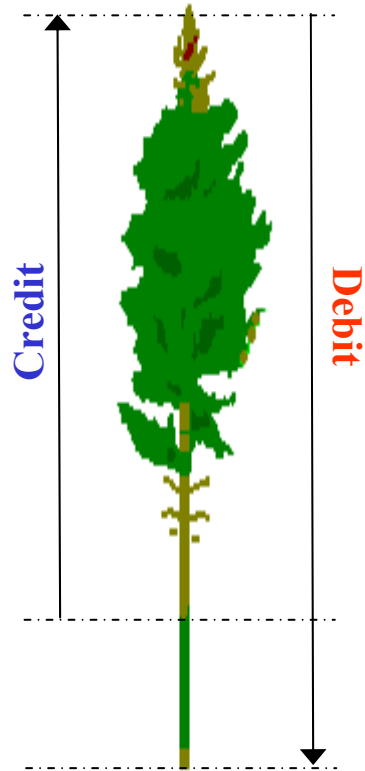
^[1] In the Appendix to 16CMP1 New Zealand's cap is 0.2 Mt of carbon per year. This equates to the 3.67Mt of CO₂eq

^[2] An allowed reduction in the carbon stock of -69.8Mt, matching that expected in the first commitment period.

^[3] A negative number means additional liabilities.

^[4] Note: a negative number equates to an accounting liability

Afforestation/Reforestation (Article 3.3 forests)



Embodied, non-credited carbon in Article 3.3 forests is projected to be 164 million tons
– New Zealand’s total AAU allocations for CP1 is 309.5 million tons

Harvested Wood Products (HWP): Emissions to Atmosphere (ETA) Approach

