Australian Government
Department of Climate Change
and Energy Efficiency

Meeting Australia's emissions reduction targets

Speech by Dr Martin Parkinson to the
Australian Business Economists Luncheon
Sydney, 31 March 2010

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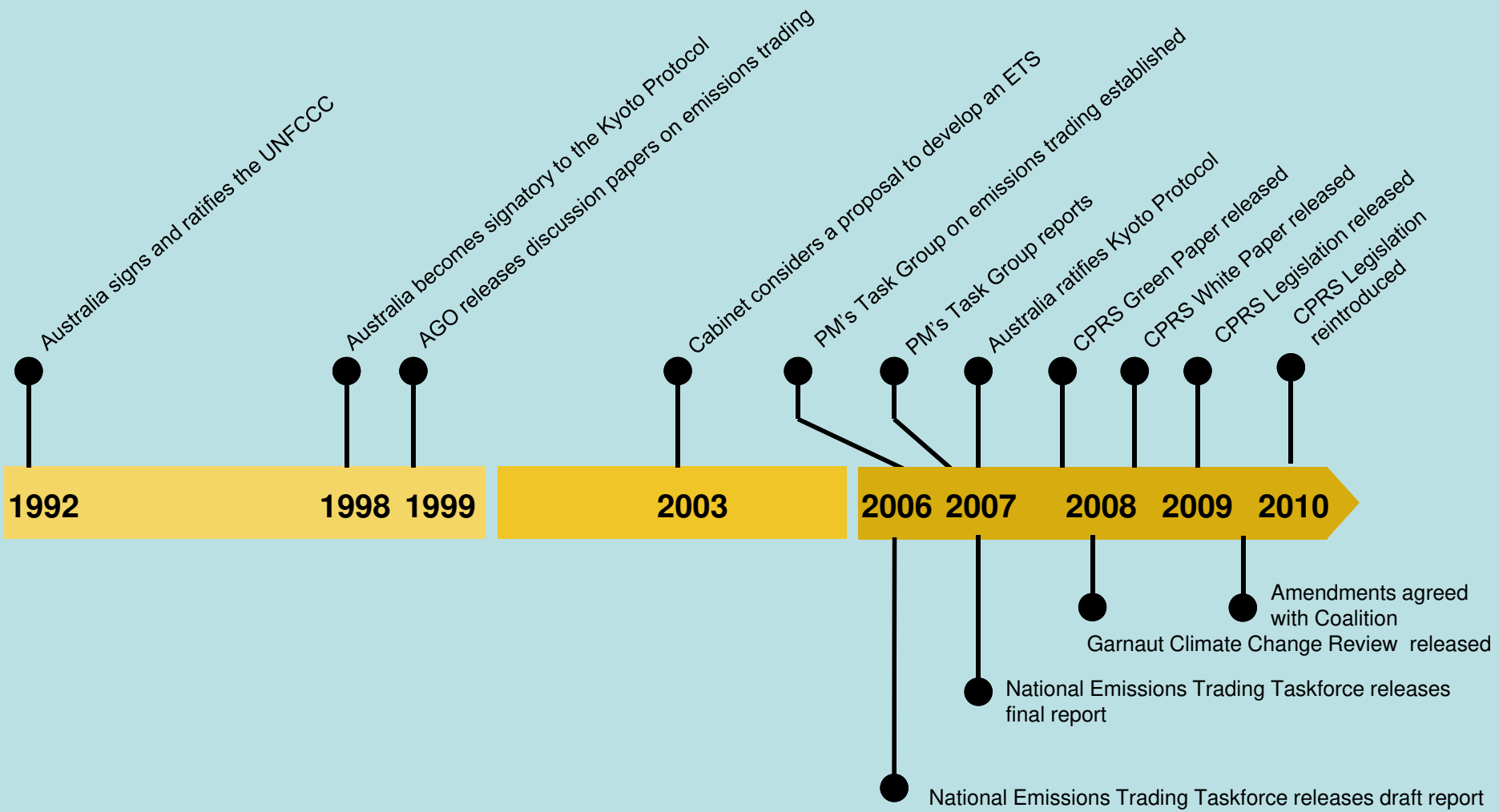
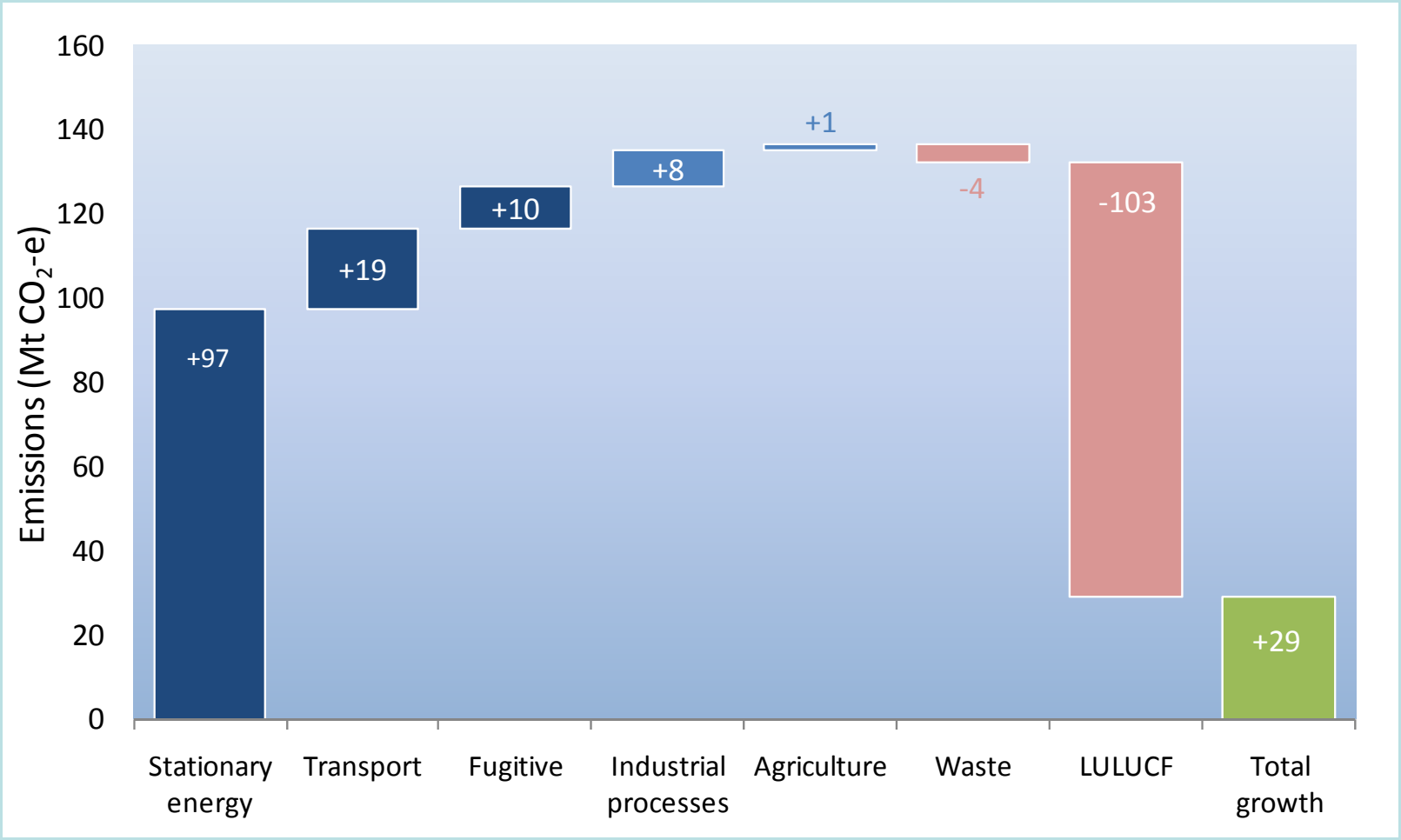
www.climatechange.gov.au

The Development of Australia's Climate Change Policy

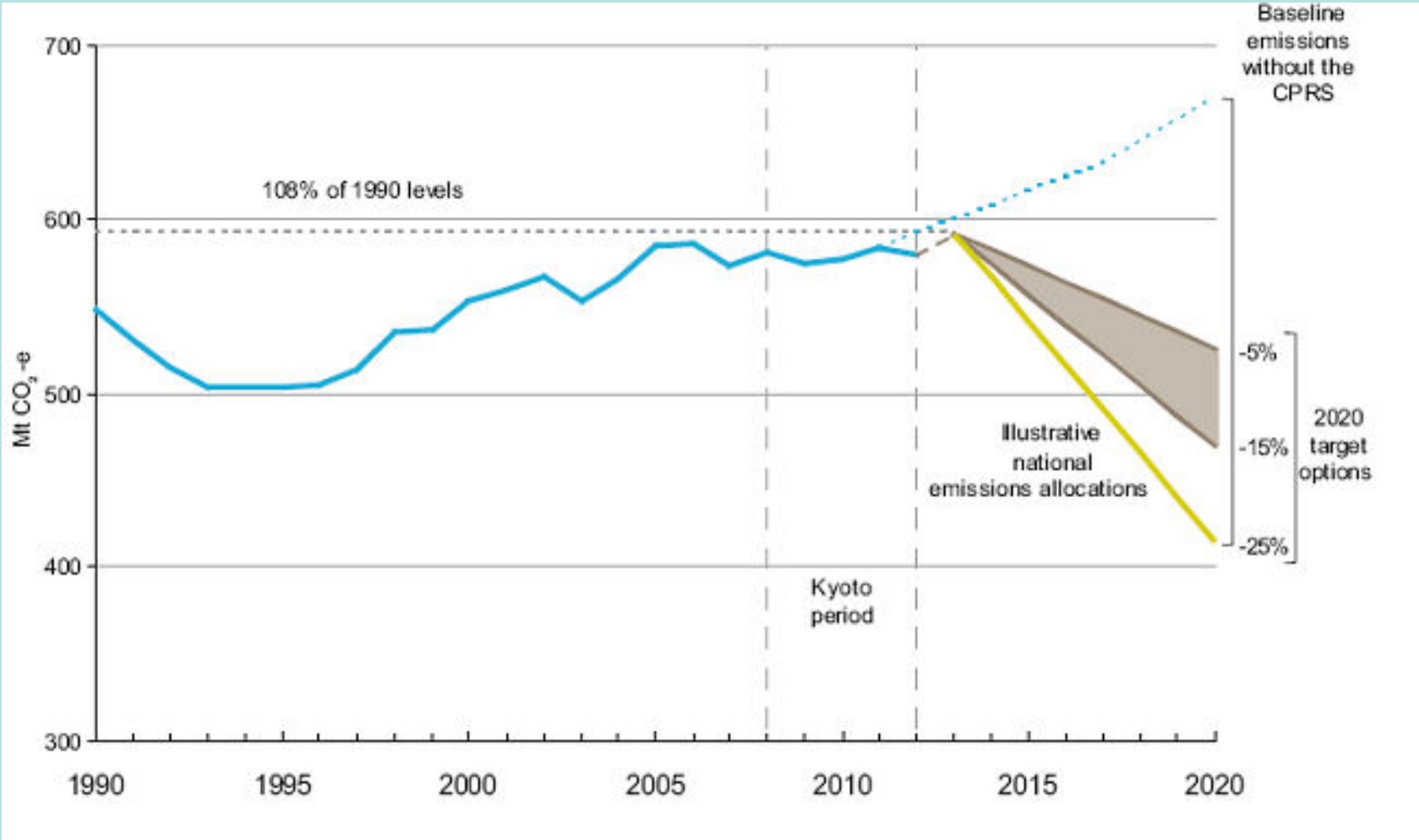


Sectoral contributions to emissions growth 1990 – 2010



Source: Data from Department of Climate Change, 2010, *Australia's Fifth National Communication on Climate Change (NC5)*

Australia's abatement challenge illustrated



Source: Department of Climate Change 2010, *Australia's Fifth National Communication on Climate Change (NC5)*

Australia's abatement challenge enumerated

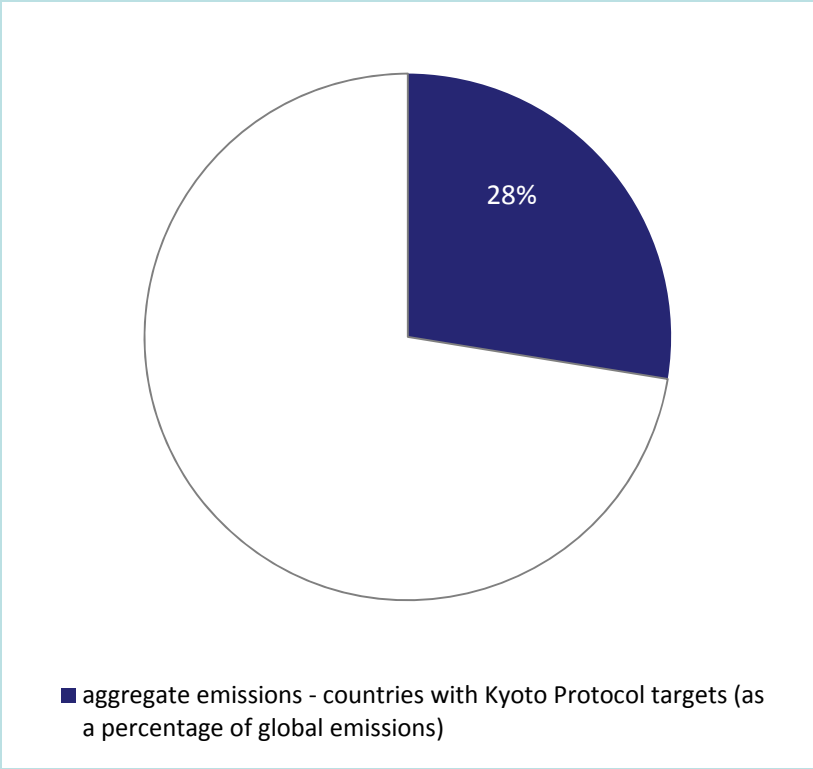
2020 target	Abatement task in 2020 relative to baseline (Mt CO_2-e)	Change in 2020		
		relative to 2000 levels	relative to the baseline	per capita emissions relative to 2000 levels
-5 % target	144	-5%	-22%	-28%
-15% target	199	-15%	-30%	-36%
-25% target	255	-25%	-38%	-43%

Source: Department of Climate Change 2010, *Australia's Fifth National Communication on Climate Change (NC5)* and DCC estimates

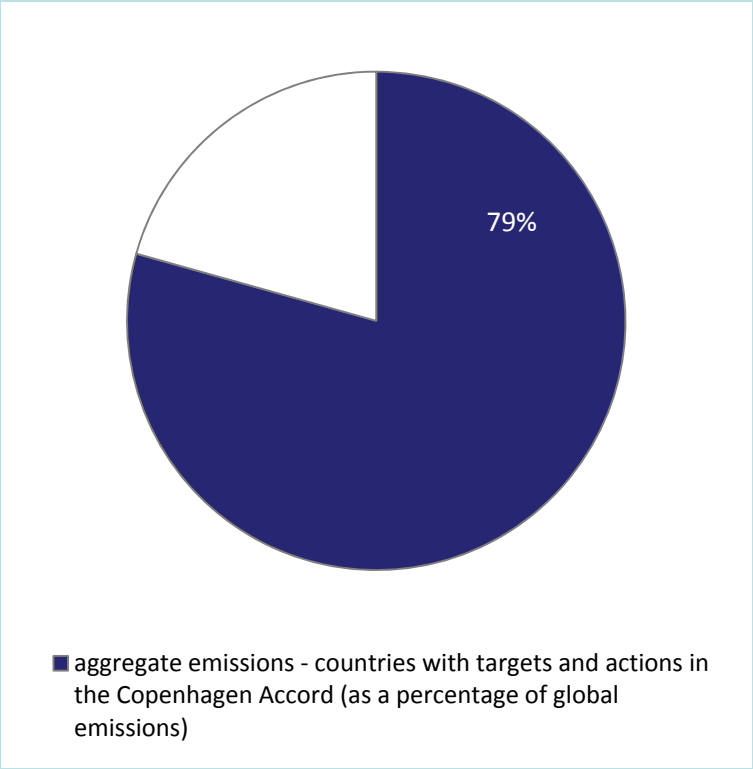
Q&A

Enhanced Opportunities for Emissions Reductions

Kyoto Protocol



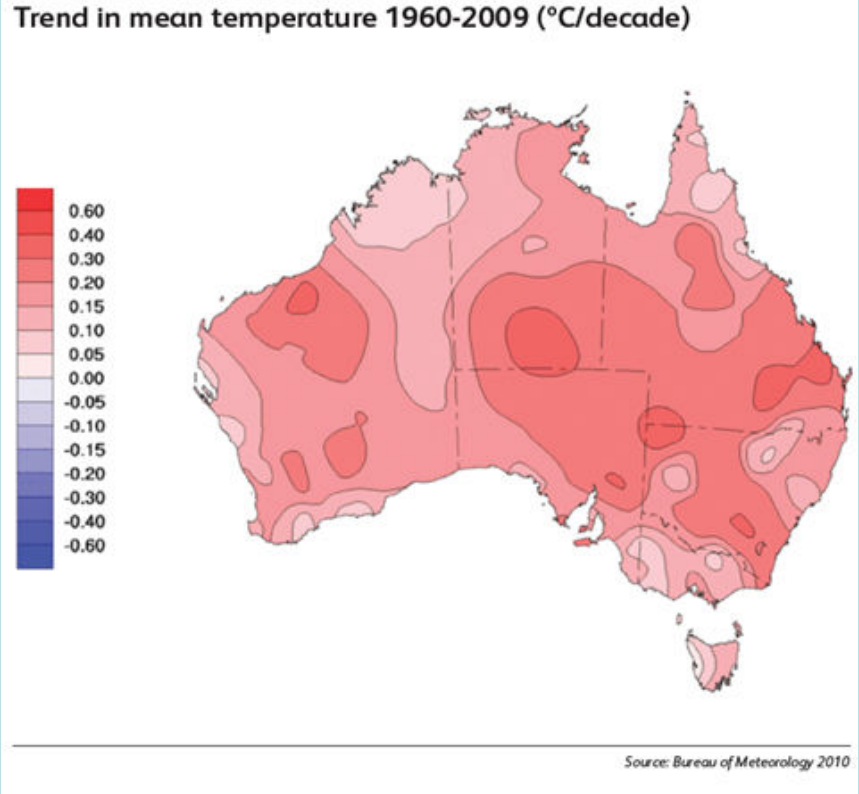
Copenhagen Accord



Source: Climate Analysis Indicators Tool (CAIT) Version 6.0. (Washington, DC: World Resources Institute, 2009).
Total GHG emissions in 2005 (excludes land use change).

Adaptation

- Some climate change is already unavoidable
- Mean temperatures are likely to increase by 0.6-1.5 degrees by 2030
- Sea levels are rising at an accelerating rate
- There is a negative rainfall trend in all major population centres in southern and eastern Australia



Source: BoM/CSIRO, 2010