



Australian Government
Department of Climate Change
and Energy Efficiency

Meeting Australia's emissions reduction targets

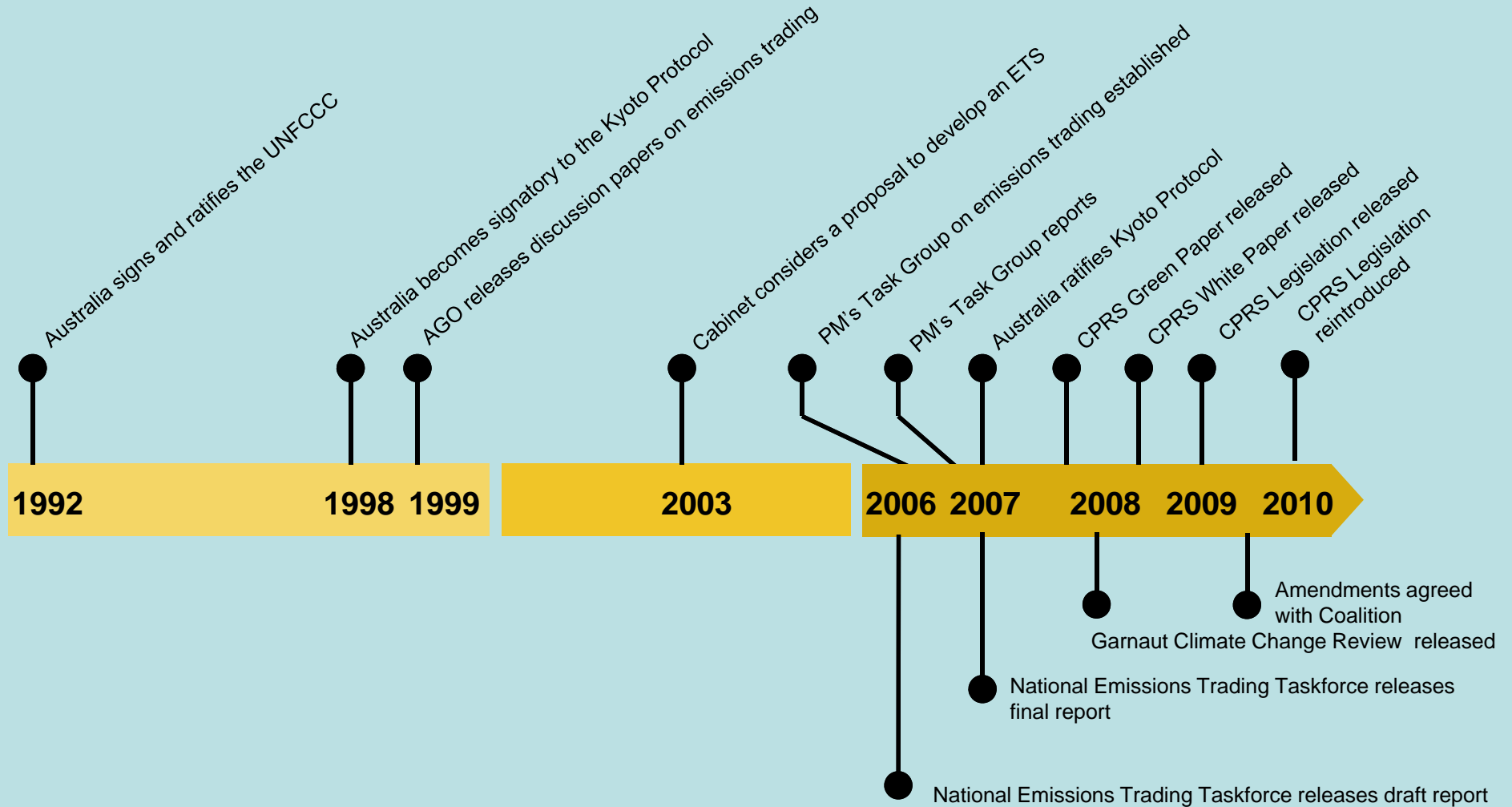
Speech by Dr Martin Parkinson to the
Australian Business Economists Luncheon
Sydney, 31 March 2010



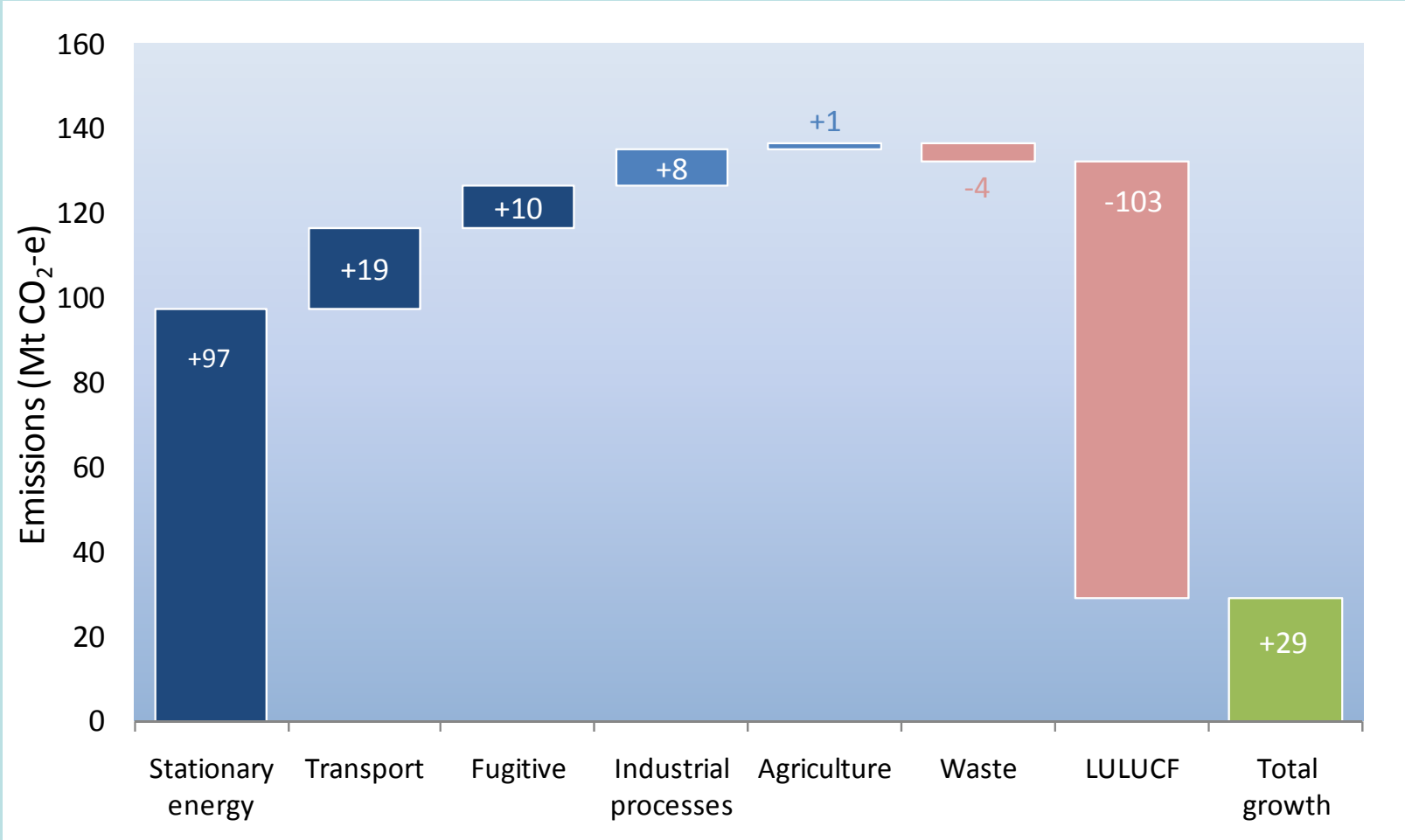
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www.climatechange.gov.au

The Development of Australia's Climate Change Policy

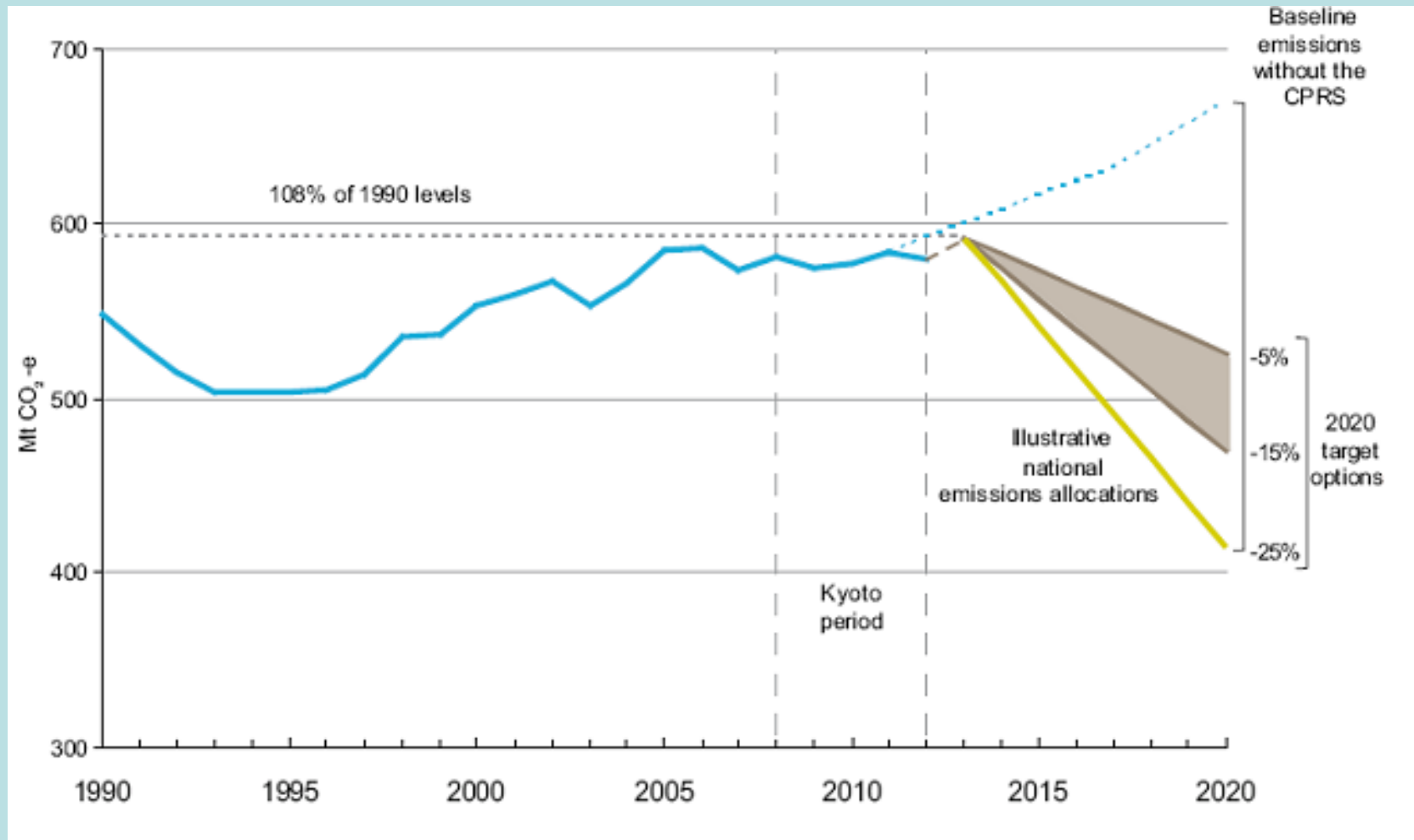


Sectoral contributions to emissions growth 1990 – 2010



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



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Q&A

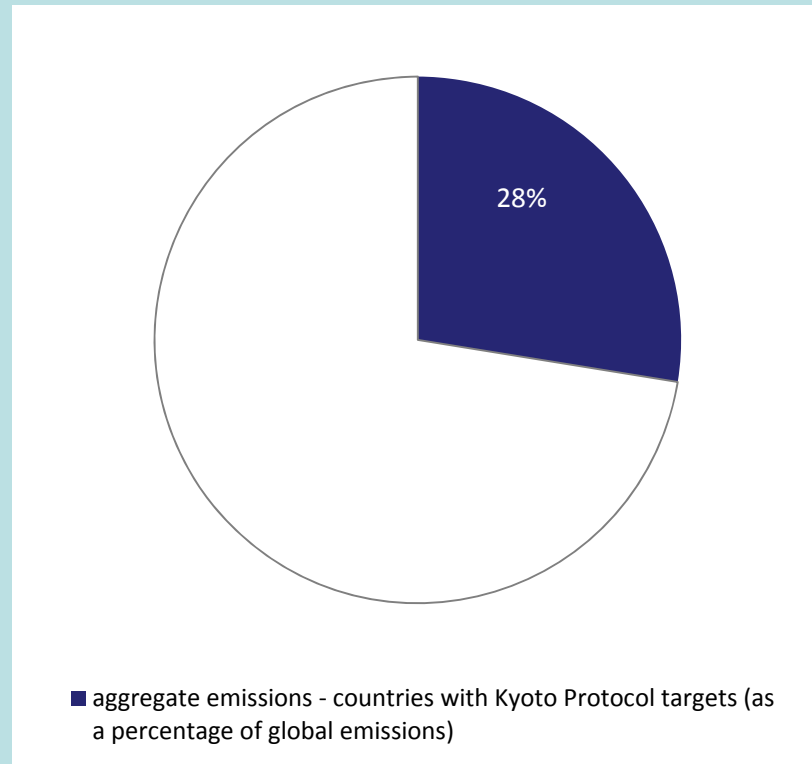


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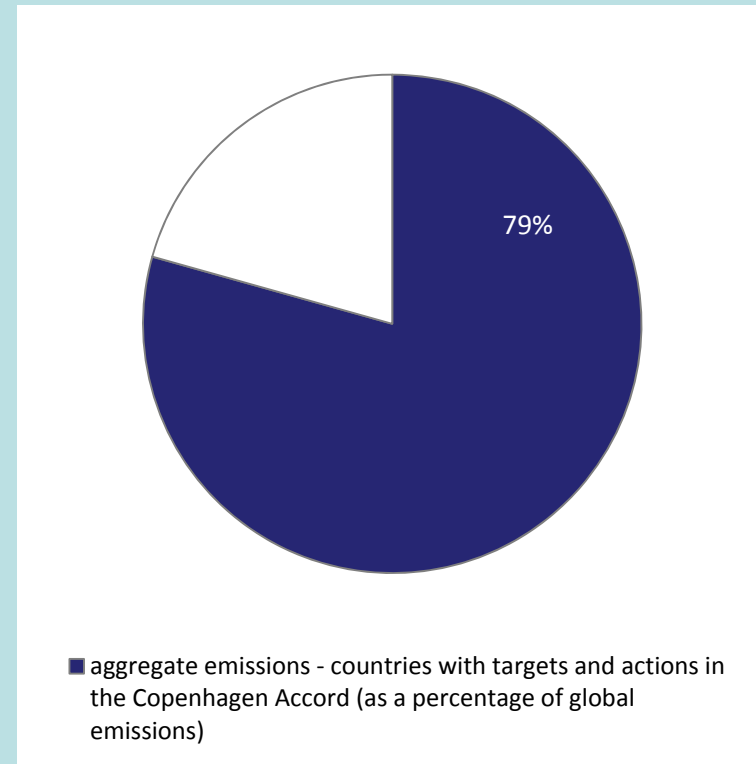
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Enhanced Opportunities for Emissions Reductions

Kyoto Protocol



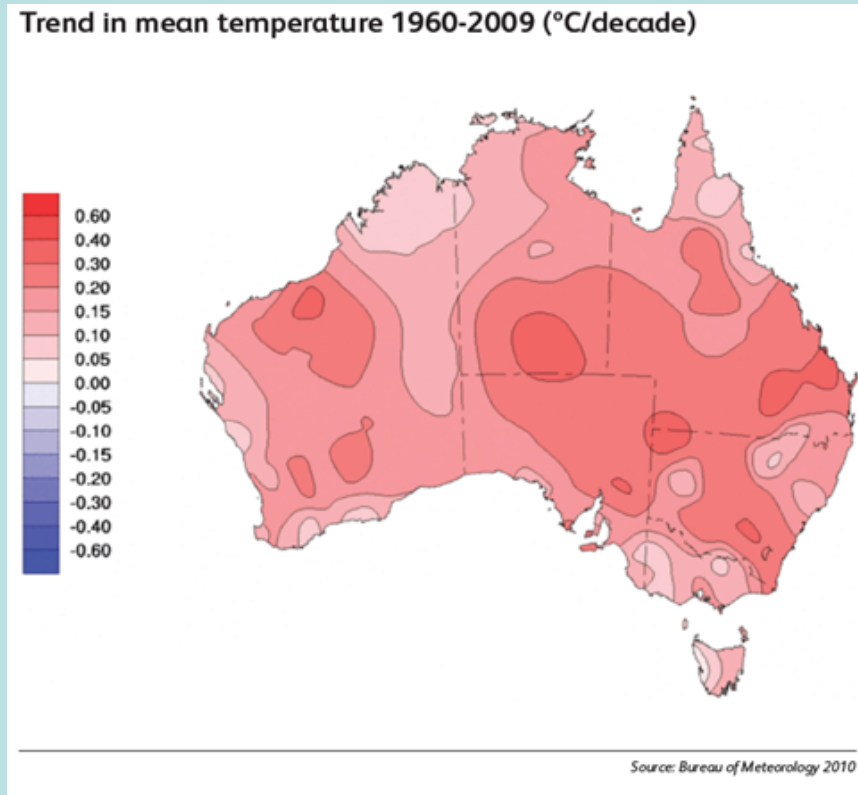
Copenhagen Accord



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