



Destination Green

ICAO Symposium on Aviation and Climate Change, "Destination Green", 14 – 16 May 2013

Australia's Action Plan to address emissions from Aviation

Presented by

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Developing Australia's Aviation Action Plan



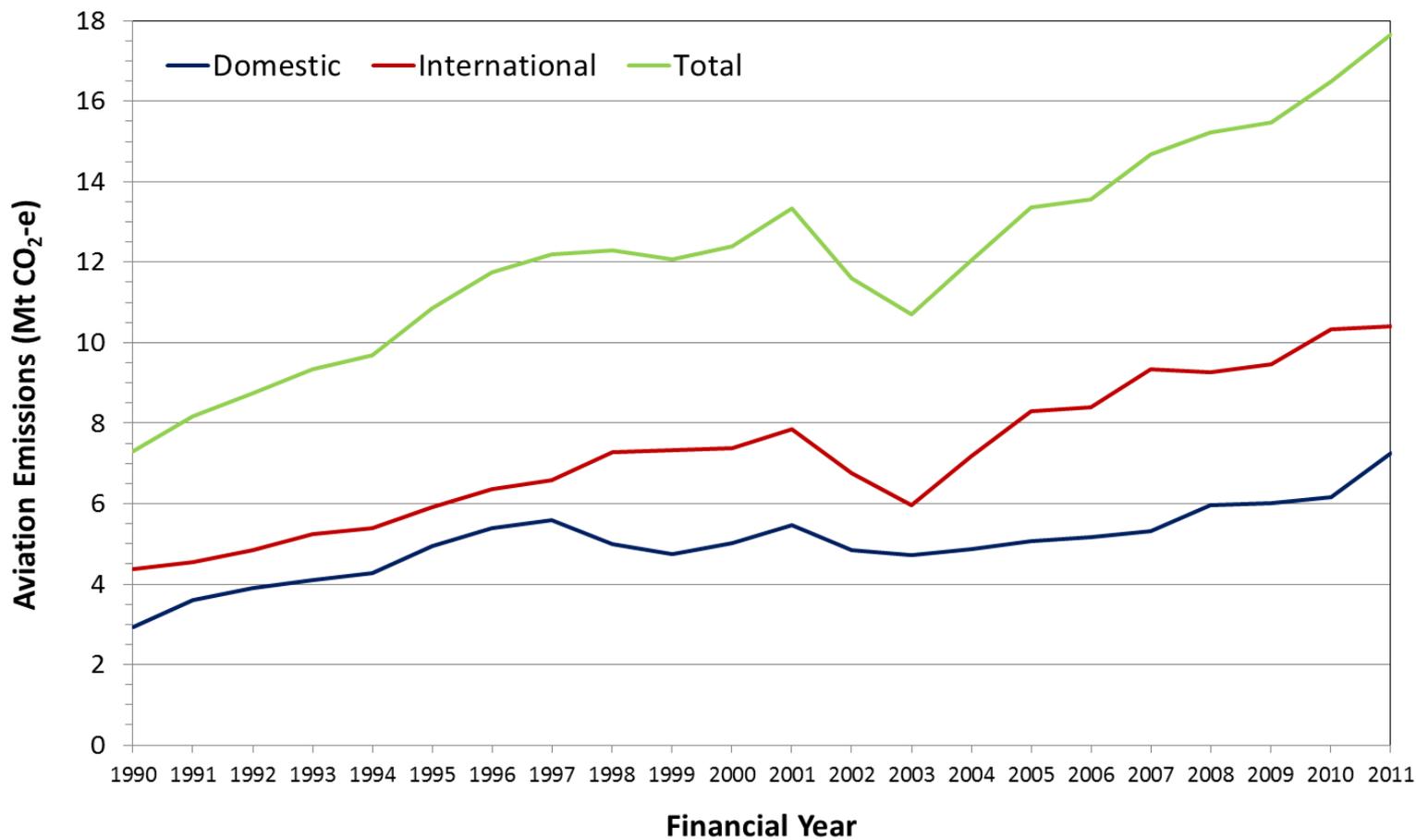
- Australia's Minister for Infrastructure and Transport officially released Australia's Action Plan in November 2012.
- Developed in consultation with relevant Australian government agencies, airlines and airports.
- Data sourced from Airservices Australia (Australia's Air Navigation Service Provider), the Bureau of Infrastructure, Transport and Regional Economics and Australian airline annual reports.



Australia's Aviation Carbon Emissions



Australia's aviation emissions, 1989-90 to 2010-11

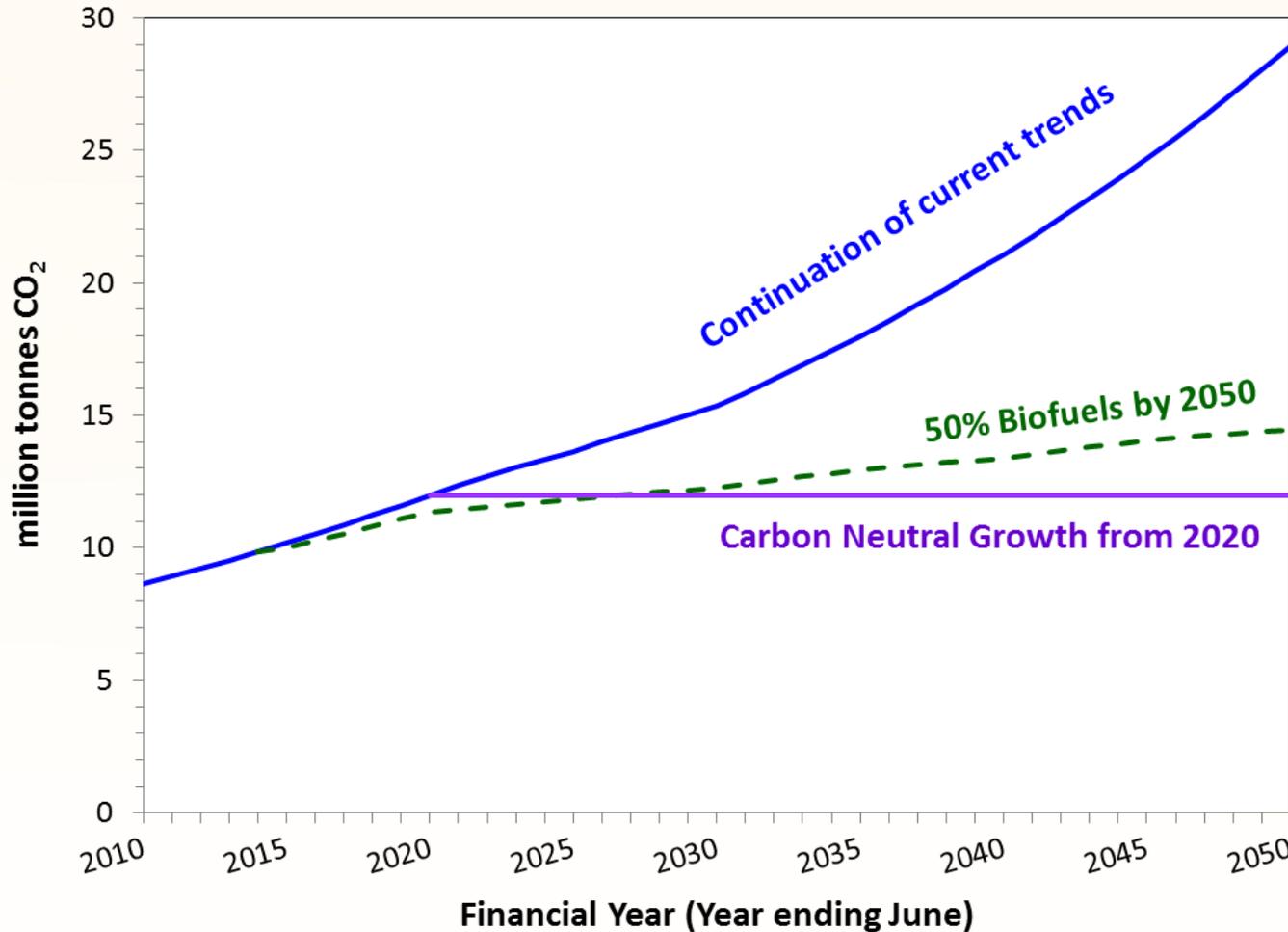


Australia's projected International Aviation Carbon Emissions

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Australia's projected international aviation carbon emissions to 2050





Managing Australia's Aviation Carbon Emissions



Australian Government Initiatives

- Regulatory and pricing mechanisms
- Improving Australia's ATM system
- Engagement in ICAO
- Funding to develop biofuels
- Sharing expertise on developing sustainable aviation biofuels



Managing Australia's Aviation Carbon Emissions



Industry Initiatives

- Research partnerships to develop cleaner energy solutions
- Ongoing fleet renewal and weight reduction measures
- Voluntary carbon offset schemes
- Provision of airport ground power units and preconditioned air facilities to service aircraft
- Large solar installations to generate on-airport electricity
- Building greener commercial buildings on airport premises



Next Steps



- Annual monitoring and reporting Australia's aviation carbon footprint
- Establishment of an annual industry forum to exchange information on the management of Australia's aviation carbon emissions.
- Triennium revisions of Action Plan.

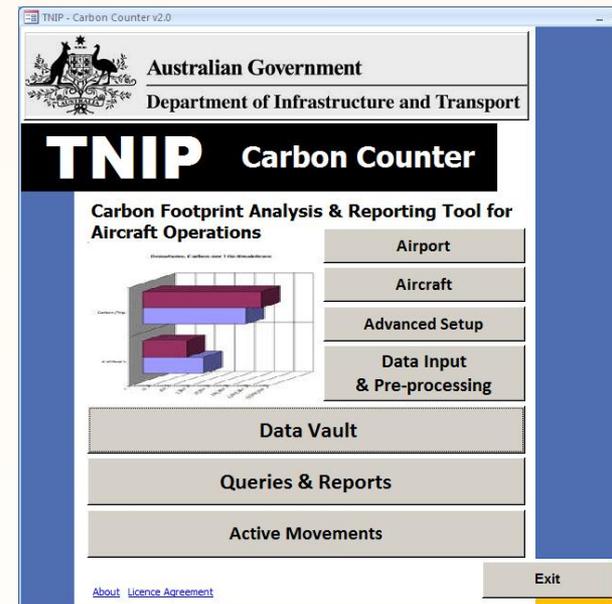
[http://www.infrastructure.gov.au/aviation/environmental/files/Australias
Action_Plan_on_Aviation_Emissions.pdf](http://www.infrastructure.gov.au/aviation/environmental/files/Australias_Action_Plan_on_Aviation_Emissions.pdf)



Thank you

Australia's TNIP Carbon Calculator

- Computes the carbon footprint
- city-pair level and aggregating across the network.
- same methodology as the ICAO Carbon Calculator to compute average fuel consumed over distance flown
- Computations of total aircraft fuel uplifted in Australia agree with published fuel sales data to within 5%.
- Allows assessment of drivers underpinning the macro fuel use.



http://www.infrastructure.gov.au/aviation/environmental/transparent_noise/tnip_CC.aspx