

National Carbon Offset Standard Carbon Neutral Program Public Disclosure Summary



An Australian Government Initiative

1. Organisation and Product Information

Table 1: Organisation and Product Information

Organisation Name	Virgin Australia Airlines	
Name of the subject(s) of certification	Virgin Australia Carbon Offset Program	
Type of certification (tick all applicable)	<input type="checkbox"/> Organisation <input checked="" type="checkbox"/> Product/service <input type="checkbox"/> Part of organisation <input type="checkbox"/> Event	
Reporting year period	From 1/07/2012	To 30/06/2013
Emissions in this reporting year	49,644 t CO ₂ -e	
Base year period ^{i,ii}	From 1/07/2010	To 30/06/2011
Emissions in the base year	65,491 t CO ₂ -e	

2. Description of Organisation Activities

The Virgin Australia Group of airlines (Virgin Australia) (ASX: VAH), formerly the Virgin Blue group of airlines, was launched in 2000 as the first low-fare airline in Australian skies. It has established a global reputation as an innovator and leader in the aviation industry; renowned for the warmth of its people and the quality of its service. Starting out with a single route with just 200 team members, today the group employs over 8,000 people and includes Virgin Australia international and domestic airlines and Virgin Samoa, a joint venture with the Government of Samoa. Virgin Australia now operates a fleet of modern Boeing 737, Boeing 777, Airbus A330, ATR-72 Turboprop and Embraer E-Jet aircraft flying to Australian and international destinations including the USA, UAE, New Zealand, Indonesia, Thailand, Papua New Guinea, Fiji, Samoa, Tonga, Vanuatu, the Cook Islands and the Solomon Islands.

The carbon offset program allows passengers to voluntarily offset the emissions from their flights on all sectors flown by Virgin Australia and Virgin Samoa. This service is provided as a voluntary opt-in for passengers.

3. Organisational & Geographic Boundary/ Scope & system Boundary

There are three main areas of Virgin Australia's operations that are assessed for inclusion in the Life Cycle Assessment and where greenhouse gas emissions are tallied for allocation to a particular flight. These areas are:

Aircraft Operations

This area relates mainly to fuel burnt and in-flight catering activities;

Aircraft Operations Support

This area includes provision of support to aircraft operations; and

Airline Operations Support

Administration and logistics support required for the day to day operation of the airline.

All routes flown by Virgin Australia aircraft are covered in the LCA – both domestic and international. This includes Virgin Australia Regional Airlines. It does not cover flights flown by our codeshare partners.

4. Purchase of GreenPower and Retirement of GreenPower Eligible Large-Scale Generation Certificates (LGCS)

N/A

5. Purchase of NCOS Carbon Neutral Products

N/A

6. Total Carbon Footprint

Total footprint in tonnes CO ₂ -e	49,644
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7. Carbon Offset Purchases and Retirement for this Reporting Period

Offset type	Registry	Serial number	Quantity (t CO ₂ -e)
VCU	Markit	581-26958529-26959037-VCU-001-CDC-KH-3-181-10122004-09122005-0	509
VCU	Markit	1403-60730429-60730677-VCU-018MER-13-82-01012010-0	249
VCU	Markit	166-68991248-68999275-VCU-008-MER-TH-4-403-01012008-30062008-0	8,028
VCU	Markit	1837-79080892-76084732-VCU-018-MER-TH-13-82-01012010-31082010-0	3,841

Offset type	Registry	Serial number	Quantity (t CO ₂ -e)
VCU	Markit	1637-68265941-68273940-VCU-008-MER-TH-4-403-0102008-30062008-0	8,000
VCU	Markit	2321-96589658-96593929-VCU-018-MER-TH-13-82-01012011-31122011-0	4,272
VCU	Markit	2320-96589075-96589556-VCU-0018-MER-TH-13-82-01092010-31122010-0	482
VCU	Markit	2324-96716470-96740732-VCU-008-MER-TH-4-403-01012008-30062008-0	24,263
Total			49,644

Virgin Australia's offsetting strategy is to purchase credits in advance at regular intervals during the year. They are then surrendered following the purchase by passengers.

8. Emission Reduction Measures

Virgin Australia has a dedicated cross-divisional Fuel Efficiency Team that identifies and implements initiatives to reduce kerosene (jet fuel) usage (that is responsible for more than 99% of emissions). Initiatives are drawn from three main areas – weight reduction, operational and technical efficiency. Examples include reducing use of Auxiliary Power Units on the ground, Single engine taxi, and improved navigational efficiency.

For more information on emissions reduction measures under investigation see - http://www.virginaustralia.com/cs/groups/internetcontent/@wc/documents/webcontent/~edisp/va_public_report_20140801.pdf

9. Declaration

To the best of my knowledge and having implemented the quality controls and standards required under the NCOS Carbon Neutral Program and made all appropriate inquiries, the information provided in this Public Disclosure Summary is true and correct.

Robert Wood



Name of Signatory

Signature

Head of Sustainability

Position / Title of Signatory

18/06/2015

Date
