

National Carbon Offset Standard Carbon Neutral Program Public Disclosure Summary



An Australian Government Initiative



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1. Organisation and Product Information

Table 1: Organisation and Product Information

Organisation Name	Australian Paper	
Name of the subject(s) of certification	Carbon Neutral Paper Products	
Type of certification (tick all applicable)	<input type="checkbox"/> Organisation <input type="checkbox"/> Part of organisation	<input checked="" type="checkbox"/> Product/service <input type="checkbox"/> Event
Reporting year period	From 1/01/2013	To 31/12/2013
Emissions in this reporting year	169600 t CO ₂ -e	
Base year period	From 1/01/2012	To 31/12/2012
Emissions in the base year	109137 t CO ₂ -e	



2. Description of Organisation Activities

Australian Paper (AP) is the leading producer of office, printing and packaging paper in Australia manufacturing paper in two mills, Maryvale in Victoria and Shoalhaven in NSW. AP produces and markets over 500 grades of paper. Products include coloured papers, security papers, watermark papers, packaging papers, copy papers, offset printing papers, bag papers and recycled paper in both sheet and roll forms.

Maryvale Mill is the largest pulp and paper-making complex in Australia, producing over 500,000 tonnes of paper from facilities that include a woodyard, three pulp mills, five paper-making machines, converting facilities, a waste paper processing plant and integrated chemical recovery and energy plants.

Shoalhaven Mill is a small mill producing valuable specialty papers for the printing and communication paper market. Facilities include a paper machine, paper converting plant and on-site boilers for heating steam generation.

3. Organisational & Geographic Boundary/ Scope & system Boundary

The product delivered by Australian Paper consists of a range of branded paper products sold under the carbon neutral logo throughout Australia and NZ.

The LCA covers the production, packaging and distribution of all carbon neutral paper products sold by Australian Paper in Australia and New Zealand.

The system boundary begins with raw material production in the form of wood production in hardwood and softwood forestry operations and in collection of recycled fibre for inclusion in paper production. It includes all raw material transport, pulping of wood fibre, imports of external pulp, production and finishing of paper products and finally packaging and distribution from both Maryvale and Shoalhaven mills. While the use of the paper is considered outside the system boundary the landfilling of paper products after use, is included in this calculation.

Emissions from capital goods/equipment are not quantified in line with the NCOS, as they are expected to be immaterial over the long life of the equipment.

4. Diagram of the Boundary of the Subject of Certification

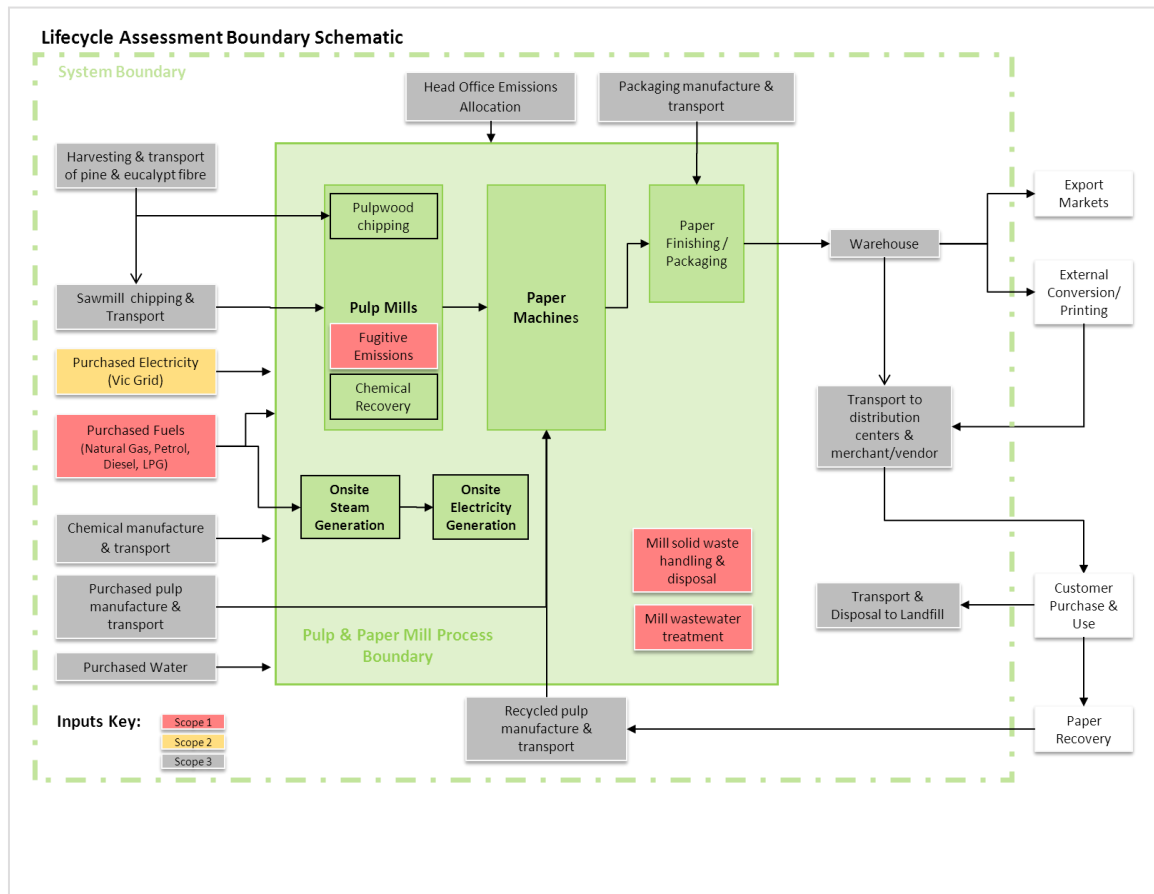


Figure 1: LCA Process Diagram

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

None

6. Purchase of NCOS Carbon Neutral Products

None.

7. Total Carbon Footprint

8. Table 2: Emissions per Functional Unit

Amount of product / service produced (in functional units)	Emissions per functional unit		Total greenhouse gas emissions (t CO ₂ -e)
66082	2.57	t CO ₂ -e	169600

9. Carbon Offset Purchases and Retirement for this Reporting Period

Carbon offset trading for the purpose of AP's participation in the NCOS CN Program will be managed by the Energy and Regulatory Reporting Manager – Australian Paper (The Manager).

The Manager will make forward estimates of offset requirements for the current financial year, based on combining the preceding period's emissions intensity values and the sales annual budget forecast for paper products.

The Manager will procure offsets that comply with a standard recognised by the NCOS. The offsets will be procured at times during the current financial year in tranches determined at his discretion.

Upon completion of the annual report; and in the case of a period requiring verification by audit, prior to the final verification; The Manager will finalise procurement of offsets and cancel/retire the total required volume of offsets as identified in the annual report. The disposition of any surplus offsets is at the discretion of The Manager.

Table 3: Offset Cancellations

Offset type	Registry	Serial number	Quantity (t CO ₂ -e)
VCU	APX	3231-145841826-145870296-VCU-001-APX-IN-1-676-01012009-31122009-0	28,471
VCU	APX	3225-145670016-145693015-VCU-003-APX-IN-1-885-30042010-31122010-0	23,000
VCU	APX	1275-55782626-55792098-VCU-009-APX-IN-1-265-01012008-31122008-0	9,473
VCU	APX	1272-55756505-55762286-VCU-009-APX-IN-1-265-01012009-31122009-0	5,782
VCU	APX	2693-117701223-117714949-VCU-009-APX-IN-1-749-01012009-31122009-0	13,727
VCU	APX	1125-50251041-50262236-VCU-015-APX-IN-1-376-01012009-01092009-0	11,196
VCU	APX	1363-59010936-59019219-VCU-009-APX-IN-1-275-01012008-31122008-0	8,284
VCU	APX	761-34012839-34018847-VCU-015-APX-IN-1-302-01042006-31122006-0	6,009
VCU	APX	773-34411634-34417257-VCU-015-APX-IN-1-302-01012008-31122008-0	5,624

VCU	APX	2694-117732600-117736251-VCU-009-APX-IN-1-749-01012010-31122010-0	3,652
VCU	APX	957-44212440-44215879-VCU-015-APX-IN-1-495-01012007-31122007-0	3,440
VCU	APX	955-44205720-44209042-VCU-015-APX-IN-1-495-01012008-31122008-0	3,323
VCU	APX	851-40695356-40698647-VCU-015-APX-IN-1-303-01012009-31072009-0	3,292
VCU	APX	1065-47546357-47549053-VCU-015-APX-IN-1-501-01012009-01072009-0	2,697
VCU	APX	952-44198318-44200406-VCU-015-APX-IN-1-501-01012007-31122007-0	2,089
VCU	APX	1020-46152771-46153773-VCU-015-APX-IN-1-496-01012009-30062009-0	1,003
VCU	APX	951-44197759-44198317-VCU-015-APX-IN-1-501-01042006-31122006-0	559
VCU	APX	3752-164364174-164391812-VCU-009-APX-IN-1-733-01012011-31122011-0	27,639
VCU	APX	3751-164356277-164361928-VCU-009-APX-IN-1-733-01042010-31122010-0	5,652
VCU	APX	3748-164350112-164352977-VCU-009-APX-IN-1-733-01012012-31122012-0	2,866
VCU	APX	3749-164352980-164353979-VCU-009-APX-IN-1-733-01012009-31122009-0	1,000
VCU	APX	3750-164354391-164355390-VCU-009-APX-IN-1-733-01042008-31122008-0	1,000
Total			169778

The quantity of any retired offsets not applied to the current reporting period may be carried forward and applied in subsequent reporting periods. AP retires offsets in whole bundles. Part bundles in excess of offset requirements for the current period are not carried forward.

10. Emission Reduction Measures

Australian Paper reports annually under the Energy Efficiency Opportunities (EEO) Program.

Our report for the period that ends during the period of this NCOS report is provided as an attachment to our NCOS submission.

Australian Paper EEO Report for period ending 30 June 2013:



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Trading as Australian Paper

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www.australianpaper.com.au

**Energy Efficiency Opportunities Assessment:
Public Report 2012 - 2013**

Australian Paper Maryvale seeks to improve its energy productivity and reduce emissions by undertaking comprehensive energy assessments across the site to identify opportunities to save energy. This assessment and identification process is aided by the integration of our real-time energy use and related production data monitoring equipment into the corporations PI system and the establishment of our energy reduction team, whose members are drawn from various sections of the site and complemented by our Small Group Activity teams.

During the 2012-13 financial year Australian Paper consumed 18.36 PJ of energy across all major sites. Energy assessments at Maryvale Mill which cover 18.27 PJ or 99.5% of total energy use are now complete. Energy assessments have identified opportunities to reduce energy use by 1.15 PJ with 0.52 PJ of energy savings been implemented, 0.57 PJ of energy saving commenced, 0.06 PJ of energy savings are under investigation and with no energy saving projects identified as not to be implemented.

Australian Paper Maryvale has reduced its average imported energy use per unit of production from 8.04 GJ in 2011/2012 down to 7.9 GJ in 2012/2013, with an aim of further reducing this intensity following the completion of remaining assessments.

A notable example of the energy savings achieved by Australian Paper Maryvale is the Turbine Room Power Generation improvement project where 0.8 PJ of energy per year will be saved as a result of the improvements to the plant's output and ability to take the turbine to its maximum rating. The improvement involved the adjustment of the axial displacement mechanism by 0.4mm. This small mechanical device sits on the shaft of the turbine and detects any movement of the shaft in the axial direction. It is designed to detect any axial thrust of the turbine and to trip the steam feeding the turbine if it sees excessive movement.

In undertaking its energy assessments Australian Paper has complied with its obligations under the federal governments Energy Efficiency Opportunities Act, with the results detailed above being true and accurate. All opportunities have been assessed to a level of accuracy that is commensurate with the financial investment required for implementation.

James Henneberry
CEO Australian Paper
18 December 2013

11. Other Information

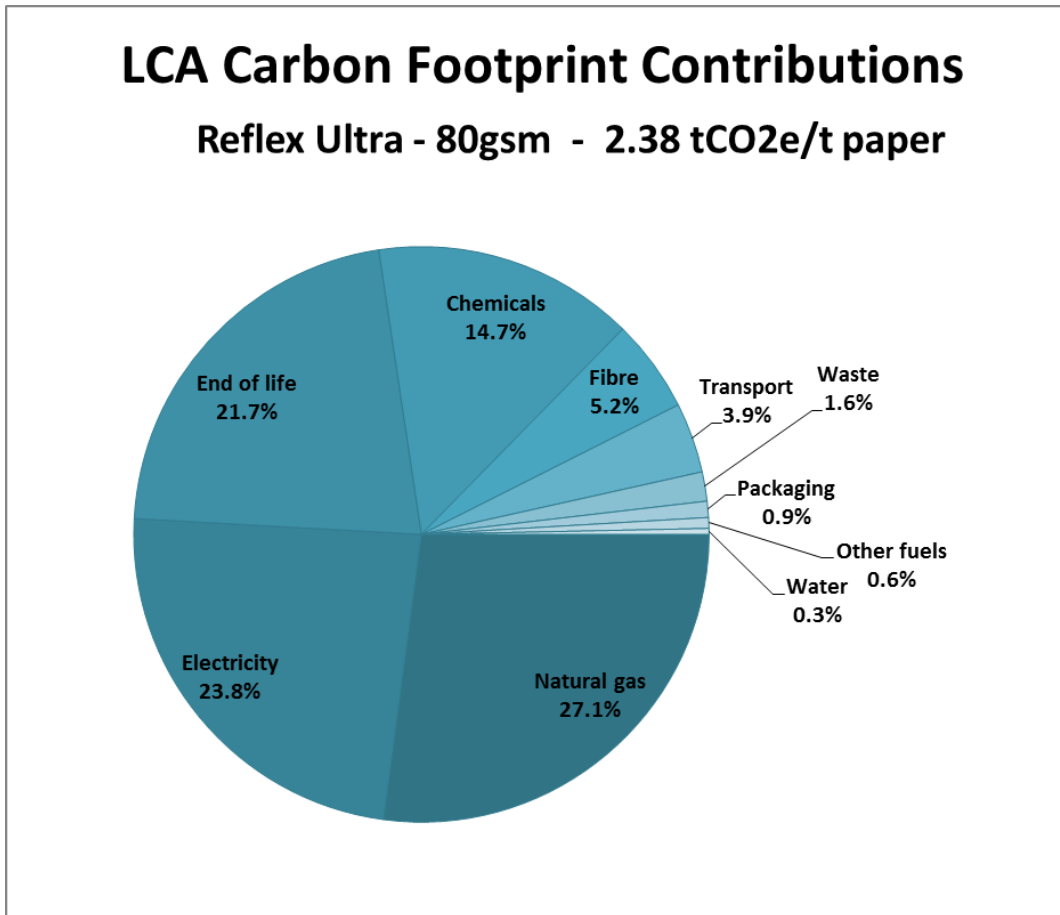


Fig. 2. A typical single-product footprint breakdown.

11. 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.

Tristen Branson

Name of Signatory

Signature

Innovation & Technology Manager

Position / Title of Signatory

1/12/2014

Date