

Australian Paper's 2009 per tonne of pulp and paper impact statement

Environment							
Metric (year end 31 Dec, 2009)	Numerator - Criteria	Denominator - Criteria	Numerator - Source of data	Denominator - Source of data	GRI Indicator	VALUE	Units
Greenhouse gas emissions per tonne of pulp and paper	Total scope 1 and 2 greenhouse gas emissions across manufacturing sites.	Total tonnes of pulp (on a dry tonnes basis) and paper (on an as-produced basis) produced at both Maryvale and Shoalhaven	NGERS Scope 1 and 2 greenhouse gas emissions calculation and associated underlying evidence	Production data for the year from both sites obtained from production systems	EN16	0.71	t CO2-e/tonne pulp and paper
Carbon Neutral grades - Greenhouse Gas Savings	Total tonnes of Offset Credits retired with sales of NCOS certified paper (as per the Australian Carbon Trust criteria)	Note: This metric represents scope 1, 2 & 3 emissions associated with each individual grade of paper used.			EN18	1,983	t CO2-e
Mains water supply per tonne of pulp and paper	Total mains water (sourced from external sources and excluding recycled water consumption) consumed at both Maryvale and Shoalhaven as measured at the custody transfer meter	Total tonnes of pulp (on a dry tonnes basis) and paper (on an as-produced basis) produced at both Maryvale and Shoalhaven	Imported mains (including potable) water invoices.	Production data for the year from both sites obtained from production systems	EN8	25.3	KL/tonne pulp and paper
% of virgin fibre from certified sources	Tonnes of fibre used (on an as-consumed basis) that is obtained from certified sources at both Maryvale and Shoalhaven	Total tonnes of fibre (on an as-consumed basis) used at Maryvale and Shoalhaven on a dry weight equivalent basis	Chain of custody evidence for all fibre used Fibre purchasing records	Imported fibre consumption plus pulp production data for the year at Maryvale and Shoalhaven obtained from production system	PR3	83	%
Volume of solid waste to landfill per tonne of pulp and paper produced	Volume of solid waste sent to landfill either on-site and off-site at Maryvale or off-site for Shoalhaven waste	Total tonnes of pulp (on a dry tonnes basis) and paper (on an as-produced basis) produced at both Maryvale and Shoalhaven	Volume or tonnes sent to landfill from site records of waste to landfill for the relevant period. (Note that off-site landfill must be included unless it is shown to be "immaterial")	Production data for the year from both sites obtained from production systems	EN22	0.040	cubic metres/tonne pulp and paper
% of energy used in pulp and paper paper manufacturing from renewable sources	Energy produced from black liquor combustion	Total Maryvale site BLC energy production plus total site imported energy for Maryvale and Shoalhaven sites.	Maryvale Plant records.	Maryvale plant records and energy purchase (gas and electricity) invoices and other site energy purchase invoices	n/a	46.4	%

Social							
Community investment contribution per tonne of communication paper manufactured	Financial donations, management time, gifts in kind and staff time for community benefit, education and or for community events held at either Maryvale or Shoalhaven Mills	Total tonnes of communication paper (on an as produced basis) at both Maryvale (total of M3 and M5 production) and Shoalhaven	Community investment costs as per general ledger aligned to definition. Management and staff time for community events and giving	Production data for the year from both sites obtained from production systems	EC1	0.14	\$/tonne communication paper
Total Australian based employees			Total Australian Paper employee numbers from HR reports at the end of the 12 month period		LA1	1419	number of employees
Total regional Australia employee's	Average number of employees from regional areas employed by Australian Paper (at the end of each month). This includes all people directly employed by APO at Maryvale and Shoalhaven.	NA	All AP employees at Maryvale and Shoalhaven mills. Sourced from HR period end reports for the end of the 12 month period		LA1	1015	number of employees
Development and wellbeing investment per employee	Total training and development spend, including management costs and direct costs. Include wages and salary costs for employees involved in paid training and wellbeing activities, plus costs of external providers and costs of internal people and resources for delivery of training and wellbeing. Total spend on employee wellbeing including health promotions, vaccinations etc.	Total Australian Paper employee numbers	Total training and development costs from GL/HR system Management time records for time dedicated to training and development for participating employees and employees delivering training and development Employee numbers from HR system. Total costs of employee wellbeing activities	HR System	LA10	972	\$/employee
LTI frequency rate = LTI x 1,000,000 / (employee and contractor hours worked)	Medical treatment injuries	Total of all Australian Paper employee and contractor hours worked	Site injury records and reports	Employee hours - Payroll/General Ledger records Contractor hours - site records	LA7	5.2	LTI injuries/million hours worked

Economic							
Direct economic contribution to Australia	Rev paid to local suppliers, employees and gov taxes	Total tonnes of pulp (on a dry tonnes basis) and paper (on an as-produced basis) produced at both Maryvale and Shoalhaven	General Ledger	Production data for the year both sites obtained from production systems	EC1	518	\$/tonne paper
Contribution to Australia's regional communities	Regional GDP contribution as a result of Australian Paper Add a clear definition for Australian Paper's GDP contribution	Total tonnes of pulp (on a dry tonnes basis) and paper (on an as-produced basis) produced at both Maryvale and Shoalhaven	2007 PWC report on Australian Paper's direct and indirect economic impact in regional areas. Utilised the Monash University TERM Model to calculate indirect economic contribution	Production data for the year from both sites obtained from production systems	EC9	392	\$/tonne paper



*Ernst & Young has provided independent limited assurance over the triple bottom line metrics presented above. Ernst & Young's Independent Limited Assurance Report detailing the scope and limitations of the work performed can be found at australianpaper.com.au

