

# National Carbon Offset Standard Carbon Neutral Program Public Disclosure Summary



An Australian Government Initiative

# Jardan

## 1. Organisation and Product Information

Table 1: Organisation and Product Information

Organisation Name	Jardan Australia Pty Ltd	
Name of the subject(s) of certification	Jardan Australia	
Type of certification (tick all applicable)	<input checked="" type="checkbox"/> Organisation <input 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	1100.75 t CO <sub>2</sub> -e	
Base year period	From 1/07/2012	To 30/06/2013
Emissions in the base year	1100.75 t CO <sub>2</sub> -e	



Australian Government

Department of Industry, Innovation, Climate Change,  
Science, Research and Tertiary Education

## 2. Description of Organisation Activities

Jardan is dedicated to sustainability. This is founded in a passion for premium, Australian made furniture which, combined with a commitment to socially and ecologically responsible design, manufacture and total product lifecycle, resulting in pieces that are environmentally friendly.

Jardan is widely recognised for its sustainability credentials and enjoys a position as an employer of choice for many working in the sector. Some of our achievements include certification for ISO14001 and we have obtained Chain of Custody and can therefore supply AFS and FSC certified timber products. Almost our entire range is certified to Good Environmental Choice Australia (GECA) Level A ensuring our products meet high environmental standards including low emissions of VOC and Formaldehydes allowing our furniture to meet the requirements at the highest level for Green Building Council Greenstar projects. We gained recognition for our recycling endeavours which in its first year achieved a 75% reduction in waste to landfill.

Employing the philosophy of making small, meaningful changes every day, we aim to create big impact over time. We believe in making locally, acting mindfully and minimising all waste and by-product. It's about taking responsibility. This translates to the choice of materials in our products:

- Timber: All of our timber is available with either the FSC, AFS or EcoSelect label and is sourced from Australian and overseas mills. This ensures supply is regulated by both state and federal legislation and meets stringent requirements in terms of forest regeneration, biodiversity and the protection of native fauna.
- Foam and Feather: All of our foam is CFC Free and 100% recyclable. Seating and backing which is the largest foam component is also fire retardant. All feather and down used has undergone a ten stage washing and sterilisation process using 100% recycled water and is naturally biodegradable.
- Plastic: Glides as well as minor internal components are made from polypropylene and nylon which are both 100% recyclable.
- Upholstery: Fabrics are available from a range of manufacturers including those with environmental certification and ISO 14001. Leather can be sourced from tanneries which use organic dyes and chrome-free processing. Webbed backs and linings use interwoven natural hemp fibre, both recyclable, and biodegradable.
- Finishes: Water based stains are standard across the Jordan range and are essential for product to be GECA approved.

Resource efficiency and responsible management are core business at Jordan. Every ninety days our environmental management group measure, review and report on the following operational challenges:

- Raw material minimisation: Components, meterages and construction on methods are regularly reviewed for efficiencies and improvements.
- Waste minimisation: Fabric, foam, leather, paper, plastic and steel waste from production and administration is collected for reuse, reprocessing or recycling.
- Reuse: Jordan endeavours to ensure that each piece of furniture produced can be either rejuvenated or recycled, and thereby extending the life of the product. Jordan offers a re-upholstery and rejuvenation service further extending product life.

- Recycling: Our products are made out of timber, foam and feather. The timber can be reused for making smaller components. The foam can be sent back to the supplier to be recycled into a different product (reconstituted foam). The feather used is naturally biodegradable.
- Product Stewardship: Jordan takes full responsibility throughout the life-cycle of our furniture. We will accept returns of products for reuse or recycling, which have reached the end of their useable life under our Care and Warranty agreement.

Over the past three years Jordan has undertaken a number of initiatives to address the greenhouse gas emissions associated with our business activities. This has included a detailed energy audit and a number of energy and resource efficiency measures designed to reduce greenhouse gas emissions. Some of these initiatives include:

- Energy efficiency switch off campaign – encouraging switch off of all electrical appliances/ lighting when not in use
- Timers on water boilers and other equipment
- Chilled bottled water coolers replaced with non-chilled filtered tap water devices
- Implemented Google mapping for deliveries to reduce travel and fuel usage
- Implemented Google mapping for sales reps to reduce travel and fuel usage
- Promote ride a bike day – encourage staff to cycle to work
- Carbon offsetting of some staff travel
- Green purchasing including carbon neutral paper
- Continuing recycling program reducing waste to landfill
- Lean manufacturing – 6 staff have completed training and now implementing measures
- Printing – Melbourne office staff now need to sign off at printer before printing to reduce waste
- New more efficient printer purchased
- Screen monitors set to sleep mode after 10 minutes of inactivity

### 3. Organisational & Geographic Boundary/ Scope & system Boundary

An 'operational control' based approach to defining organisational boundaries has been employed. Under this approach, Jordan accounts for 100% of emissions from operations over which it has operational control. This determination follows the NGER method for defining operational control as "the full authority to introduce and implement:

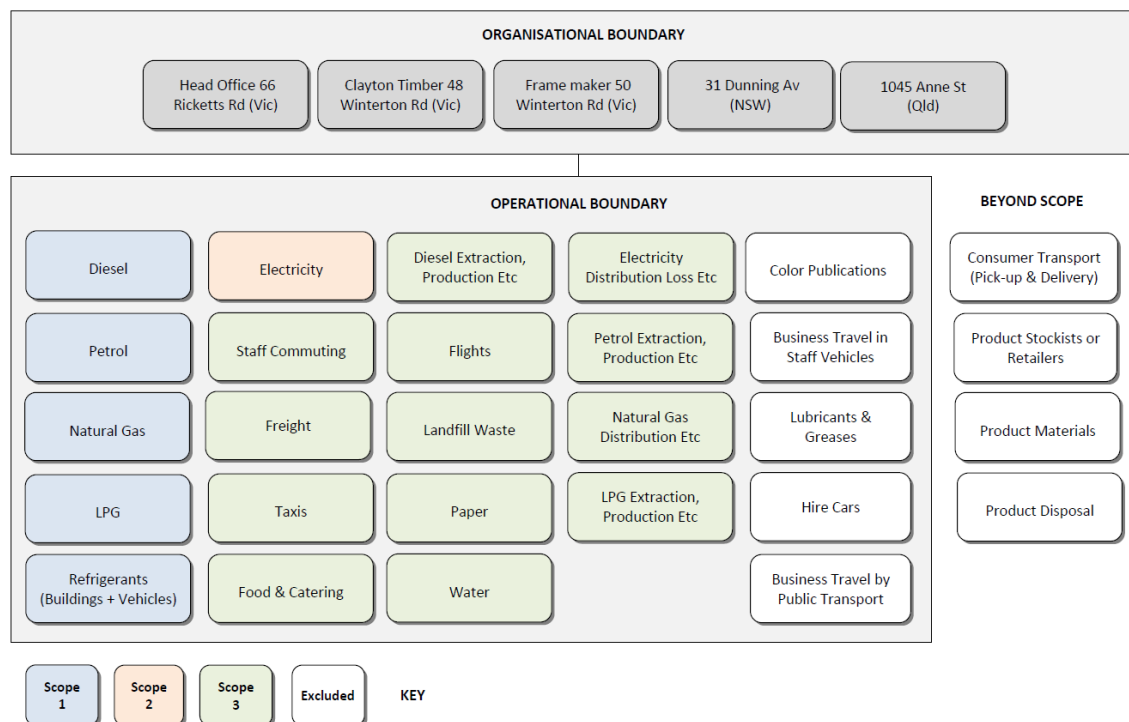
- Operating policies
- Health and Safety Policies
- Environmental policies.

The subject of certification is Jordan as an organisation. Jordan's products are not the subject of certification. Jordan's sites lay within the following geographic boundary:

- Head office, Ricketts Rd Waverley (containing showroom, offices and upholstery production, VIC)
- Clayton frame maker (light manufacturing facility, VIC)
- Clayton timber manufacturing (chair, table and frame production, VIC)
- Sydney showroom (NSW)
- Brisbane showroom (QLD)

## 4. Boundary of the Subject of Certification

Figure 1: Diagram of the Boundary of the Subject of Certification



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

Not applicable

## 6. Purchase of NCOS Carbon Neutral Products

Table 01: Carbon Neutral Products

Product	Company	Quantity	Units	t CO <sub>2</sub> -e
Office paper	Australian Paper	690	kg	0.00
Total				0.00

## 7. Total Carbon Footprint

Table 02: Emission sources, scopes and quantities

Scope	Emission source	t CO <sub>2</sub> -e
1	Petrol	49.87
1	Natural Gas	35.49
1	Diesel	20.72
1	Refrigerants	16.61
1	LPG	0.54
2	Electricity	407.46
3	Staff Commuting	222.10
3	Freight	158.95
3	Waste to Landfill	89.15
3	Flights (staff travel)	54.49
3	Food and catering*	11.13
3	Water	1.58
3	Taxis	0.82
3	Paper Consumption	0.23
3	Electricity (distribution losses etc)	23.48
3	Petrol (extraction, production etc)	3.80
3	Diesel (extraction, production etc)	1.57
3	Natural Gas (extraction, production etc)	2.70
3	LPG (extraction, production etc)	0.05
Total carbon footprint in tonnes CO <sub>2</sub> -e		1100.75

\*Note: An input/output method was used to calculate emissions associated with 'Food and Catering'. This represents 1% of the total organisational footprint.

## 8. Carbon Offset Purchases and Retirement for this Reporting Period

Jardan will purchase and cancel a sufficient quantity of NCOS eligible offset units to offset the total emissions associated with our footprint for each reporting year. We will keep records of and disclose the offset units in a registry and record appropriate details to audit this cancelling activity (for example, registry name, serial number, cancellation certificate). These details will be reported as part of the public disclosure summary.

The purchase and cancellation of offsets will be completed within four months of the end of the reporting period and following the completion of that year's emissions inventory. The inventory will be used as the basis for quotation for the procurement of offsets for that year.

Jardan will adopt a conservative approach to offset procurement and purchase an additional 5-10% of abatement in addition to that required to meet carbon neutrality. In these instances, some offsets may be banked for future years at the discretion of Jardan.

For this reporting period (2012/13), Jardan purchased an additional 54 units which will not be used in future reporting periods.

Table 3: Offset Cancellations

Offset type	Registry	Serial number	Quantity (t CO <sub>2</sub> -e)
VCU	APX VCS Regsitry	2724-118323570- 118324149-VCU- 004-MER-CN-1-980- 09112009- 23012011-0	580
VCU	APX VCS Regsitry	3071-134505218- 134505792-VCU- 003-APX-IN-1-885- 30042010- 31122010-0	575
Total (t CO <sub>2</sub> -e)			1155

## 9. Emission Reduction Measures

Table 04: Emission Reduction Measures for this reporting period

Emission source	Reduction Measure	Scope	Status	Reduction t CO <sub>2</sub> -e
Electricity Consumption	Switch off campaign	2+3	Ongoing	Unknown
Total emission reductions implemented in this reporting period				Unknown

Emission Reduction Measures for future reporting periods

Emission source	Reduction Measure	Scope	Status	Reduction t CO <sub>2</sub> -e
Electricity Consumption	Lighting efficiency retrofit Ricketts Rd Facility	2+3	To be implemented Jan 2014	26.0
Electricity Consumption	Lighting efficiency retrofit Winteron Rd Facility	2+3	To be implemented Jan 2014	26.0
Total expected emission reductions in future reporting periods				52.0

The above lighting project will be implemented approximately half way through the next reporting period. It is therefore likely only a half of the potential 52 tonnes of abatement will be captured within the next reporting period.

## 10. 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.

Director



Mathew Garnham