

## Summary of carboNZero certification:

### Soar Printing Company Limited



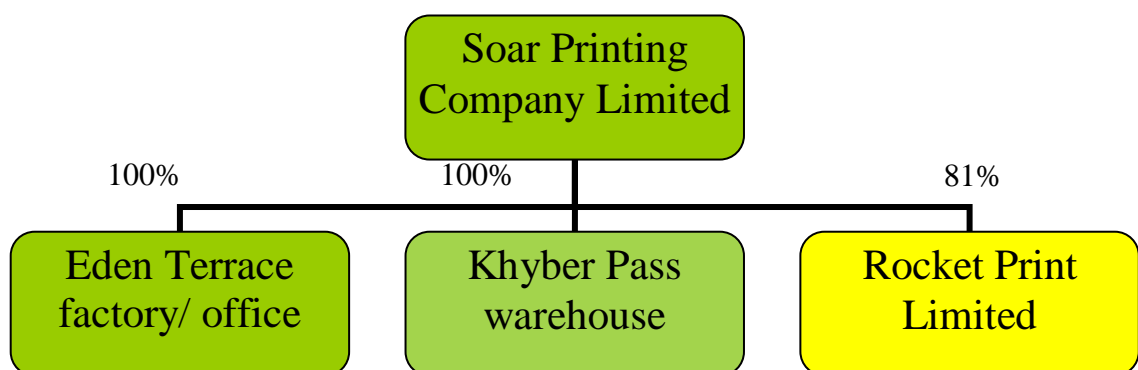
*Soar Printing Company Limited meets the requirements of carboNZero<sup>Cert™</sup> certification having measured its greenhouse gas emissions in compliance with ISO 14064-1:2006, and committed to managing and reducing its emissions and neutralised its remaining emissions through the cancellation of an appropriate number of verified carbon credits in respect of the operational activities of its organisation, excluding Rocket Print Limited.*



**Introduction<sup>1</sup>** – Soar Printing Company Limited (“Soar Printing”) is a complete, end-to-end printing services company which offers an extensive range of services and are at the forefront of the printing industry in New Zealand. Artwork is managed through prepress to printing, finishing, packing, storage and distribution. Within their specific industry segments Soar Printing are market leaders who utilise the latest technology to deliver the best possible results for their clients.

Soar Printing are leaders in the revolution towards cleaner, greener printing. Soar Printing was the first printer in New Zealand to be certified by the Forestry Stewardship Council. Soar have obtained certification to print Programme for the Endorsement of Forest Certification papers using the chain of custody to guarantee customers the paper used is from a responsible forest management program, and traceable as being certified. Soar have obtained the Enviro-Mark NZ Diamond certification for their environmental management system.

**Boundary** – the diagram below shows the organisational structure for Soar Printing’s greenhouse gas (GHG) emissions inventory. Emissions were reported under one business unit due to the small size of the emissions from the Khyber Pass site. The diagram shows in green what was included in the carboNZero certification, with yellow business units excluded from the certification.



**Consolidation approach** – operational control

**Base year** – 01/01/2009 to 31/12/2009

**Measurement period** – 01/01/2010 to 31/12/2010

<sup>1</sup> **Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. While every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Landcare Research does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

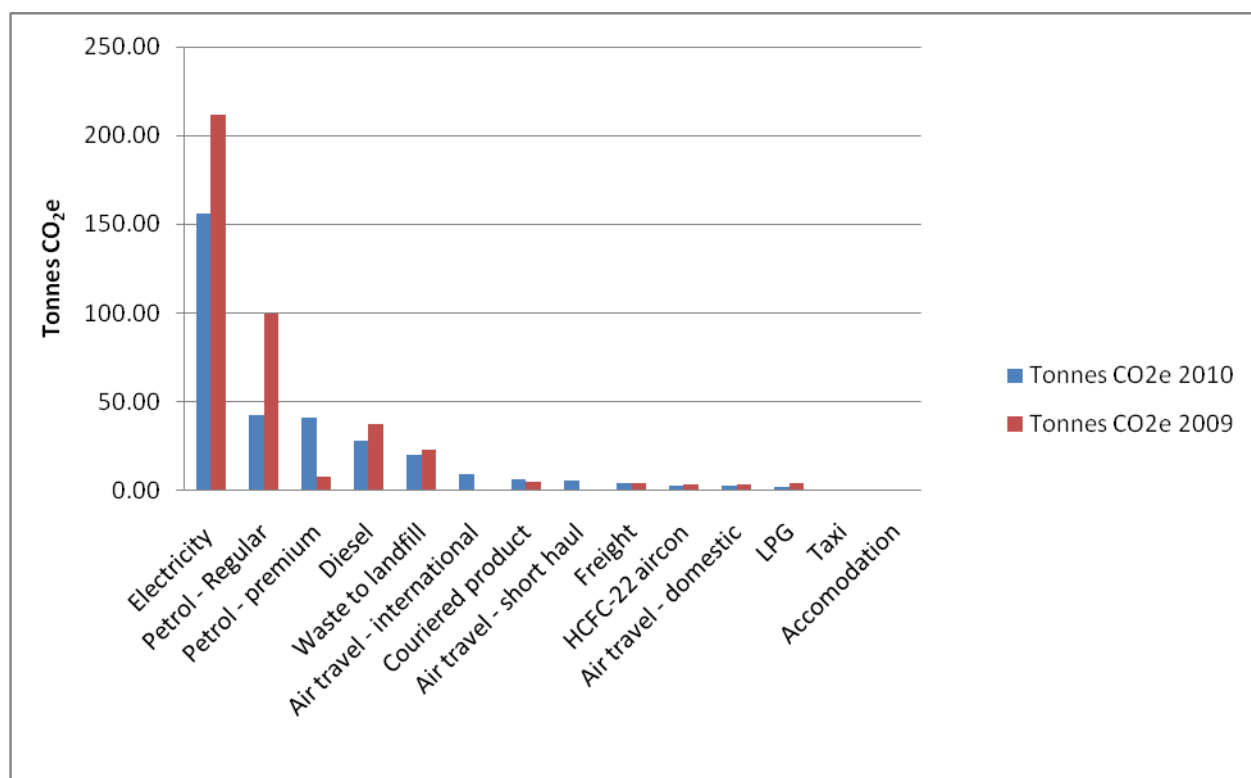
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**GHG emissions source inclusions** – the diagram below shows the operational GHG emissions for Soar Printing by emissions source. Total GHG emissions for Soar Printing as an organisation were 318.68 tonnes of CO<sub>2</sub>e for the 12 month period 01/01/2010 to 31/12/2010.

Scope 1 emissions accounted for 114.63 tCO<sub>2</sub>e (36%) (155.84 tCO<sub>2</sub>e (38%) in 2009), Scope 2 emissions accounted for 155.84 tCO<sub>2</sub>e (49%) (211.92 tCO<sub>2</sub>e (54%) in 2009) and Scope 3 emissions 48.21 tCO<sub>2</sub>e (15%) (33.77 92 tCO<sub>2</sub>e (8%) in 2009).



**GHG emissions source exclusions** – The embodied emissions in paper used was excluded as it was considered outside of the scope of a corporate inventory and the ability to influence these emissions is limited by the customer's preferences. Electricity usage in outsourced print finishes was excluded based as there was no operational control of those processes.

**GHG emissions reduction commitments** – Soar Printing has developed a GHG emissions reduction plan for 2011 and major initiatives include:

- Implementation of recommendations from an energy audit to reduce electricity spent on lighting and air conditioning by taking more advantage of natural light and ventilation, installing light motion sensors in some areas, and investigation of feasibility of a heat recovery system to take heat from machinery to heat the offices.
- Continue with motor vehicle policy of more fuel efficient cars and vans in 2011

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- Investigate the feasibility of using 10% biofuel mix in company vehicles
- Investigate driver training and give all staff with cars monthly feedback on their litres / 100kms so they can aim to improve
- Conduct a detailed review of what constitutes the major part of our waste to landfill and see how it can be reduced and trial composting of bio-degradable food waste

**GHG emissions reduction report against last year's plans** – Total GHG emissions for Soar Printing as an organisation were 318.68 tonnes of CO<sub>2</sub>e for the 12 month period 01/01/2010 to 31/12/2010 compared with 395.80 tonnes of CO<sub>2</sub>e for the 12 month period 01/01/2009 to 31/12/2009. This is a decrease of 77.12 tonnes of CO<sub>2</sub>e or 19% on the base year.

The biggest reductions in emissions in 2010 over the previous year resulted from introducing a new more fuel efficient motor vehicle policy in 2010 and reducing waste to landfill by improving recycling of waste.

**Offset** – 319 tonnes CO<sub>2</sub>e EBEX21<sup>2</sup> PFSI Compliance credits. Serial numbers 800804— 801122 have been cancelled (or equivalent) on NZEUR.

**Verified by** – Green Fox Consulting Limited

**Threshold of materiality** – excluded emissions do not exceed 5% of the total footprint for organisation and product boundary stated.

**Level of assurance** – reasonable assurance

**Certification status** – carboNZero certified “organisation”.

**Certificate number** – 2011043J

**Valid until** – 30 April 2014

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<sup>2</sup> EBEX21 – Emissions Biodiversity Exchange in the 21<sup>st</sup> Century project creates carbon credits through the regeneration of native forest on private land – see [www.ebex21.co.nz](http://www.ebex21.co.nz)