

Summary of carboNZero certification:



Eco Tech Solutions Limited.

Eco Tech Solutions Limited meets the requirements of carboNZero^{Cert™} certification having measured its greenhouse gas emissions in compliance with the requirements of ISO 14064-1:2006, committed to managing and reducing its emissions and neutralised its remaining unavoidable emissions through the cancellation of an appropriate number of verified carbon credits in respect of the operational activities of its organisation.



Introduction¹ - Eco Tech Solutions Limited is a manufacturer and distributor of “environmentally friendly” household cleaning and personal care products. Currently, Eco Tech and Eco Store have a joint partnership with 90% share holding by Eco Store and a 10% share holding by Tony Morpeth.

Eco Store Limited however can trace its history from its establishment as a family business formed by Malcolm & Melanie Rands in 1987 as a means to support their philanthropic trust called The Fairground Foundation. During that time, the company started out as a mail order company run by Malcolm & Melanie. It wasn’t until 1993 that Ecostore began to manufacture their own products through Eco Tech Solutions Limited.

Eco Tech Solutions Limited is strongly committed towards advocating sustainability and reducing its business’ impact to the environment. Our company had already strived to become certified for both the Enviromark (diamond) and ISO 14001 which implements an Environmental Management System in managing our plant’s operations in 2010. Securing a carboNZero program certification is just another step forward towards demonstrating that commitment.

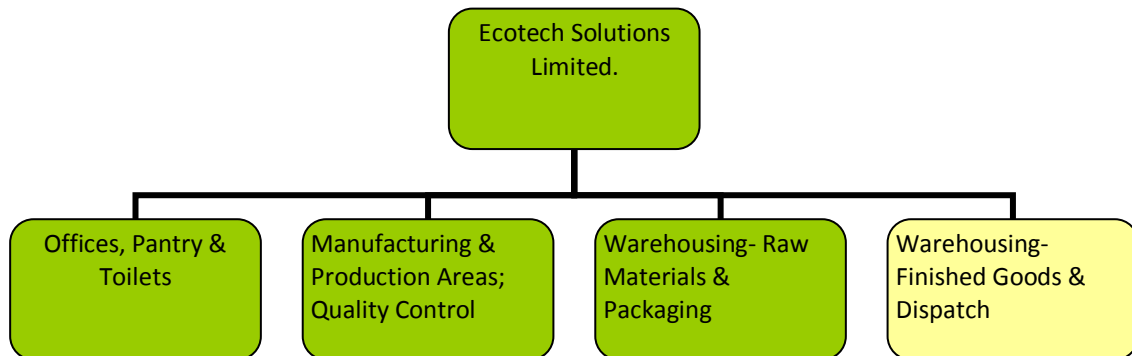
Boundary - the diagram below shows the organisational structure used for describing Eco Tech Limited’s greenhouse gas (GHG) emissions inventory, and what business units were included in the carboNZero certification. Yellow business units were excluded from the certification. (The warehousing & dispatch of finished goods had been excluded from the inventory as the warehouse is located in another address and the site is maintained under Ecostore’s account.)

¹ **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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Consolidation approach – operational control

Base year - 01/01/2010 to 31/12/2010

Measurement period - 01/01/2010 to 31/12/2010

Emissions source inclusions – the diagram below shows the operational GHG emissions for Eco Tech Solutions Limited by emissions source. Eco Tech Solutions Limited's total emissions for this period were 116.12 tonnes carbon dioxide equivalents (CO₂e) comprising:

6.35 tonne CO₂e Scope 1,
25.80 tonnes CO₂e Scope 2
83.98 tonnes CO₂e Scope 3

Emissions source exclusions –

GHG emission related to products manufactured by contract Soap Factory (hard soaps) and Shielings (emulsions and creams) were not included as Eco Tech Limited has no operation control over these activities. Also, emissions related to electricity consumption at the finished goods warehouse, as well as freight of goods to warehouse is excluded as it's outside of operational boundary.

Emissions reduction commitments –

Eco Tech Solutions Limited through its management process in ISO 14001 had developed and started to implement measures to reduce GHG emission as part of its over-all environmental objectives and targets.

We plan to reduce our key performance index (CO₂e tons/ MT Product by 5% from 2010 vs. 2011). This will hopefully be achieved based from the following initiatives:

- Reduction and optimization of compressed air pressure output from our air compressor; monitoring and maintenance to detect and prevent line leaks in our maintenance program; installation of pressure regulators to major production equipment
- Reduction of blending time for powder products (i.e. laundry powder; oxywhitener) from 20 to 10 minutes to reduce energy consumed from blender

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- Standardization of amounts of raw materials used in pH adjustment and thickening in Liquids and GMP products manufacturing to reduce and eliminate extra mixing time involved during batching
- Installation of energy timers in soda vending machine, selected fridges and water dispensers
- Also based from an independent energy audit, turning off lights in liquids packing and warehouse areas during day time.

Offset – 117 tonnes CO₂e. VCU's from Beijing 48MW Guanting Windpower Projects Credits. Serial numbers 10012002-10012118 have been cancelled (or equivalent) on the Markit Environmental Registry.

Verified by – Green Fox 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 – 2011113J

Valid until – 30 April 2014

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