

Summary of carboNZero certification:

Warren and Mahoney



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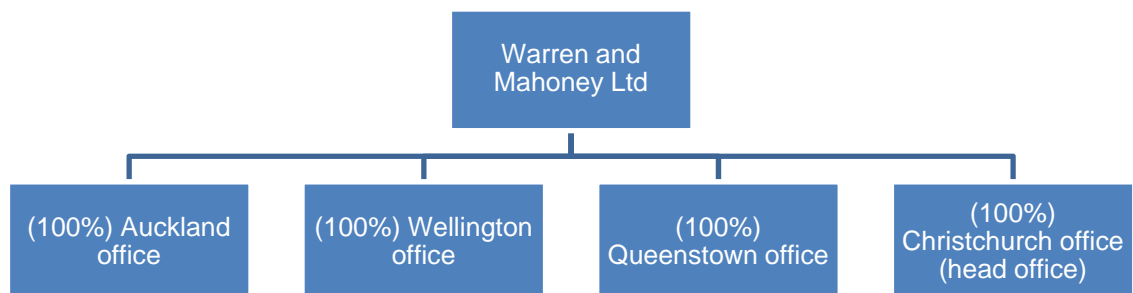
Warren and Mahoney Ltd meets the requirements of the carboNZero™ certification having measured its greenhouse gas emissions in compliance with ISO 14064-1, committed to managing and reducing its emissions and neutralised the remaining unavoidable emissions in respect of the operational activities of its organisation.

Introduction¹ – Warren and Mahoney is one of New Zealand's most successful and highly acclaimed architectural practices. It has a reputation for high quality award winning work and for a continuing track record of innovation in design.

Warren and Mahoney are one of New Zealand's largest architectural practices and arguably New Zealand's only fully national practice. Warren and Mahoney have been practicing for over 50 years and have a wealth of experience in all types of architectural work from one off housing designs to multi million dollar developments for commercial developers and government clients.

Over the last five years Warren and Mahoney have been one of the few architectural practices in New Zealand to make a significant investment into the development of a specialty in Ecologically Sustainable Building Design.

Boundary – the diagram below shows the organisational structure used for describing Warren and Mahoney's greenhouse gas (GHG) emissions inventory, and what business units were included in the carboNZero certification. Yellow business units were excluded from the certification.



Consolidation approach – operational control

Base year – 01/04/2006 to 31/03/2007

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.

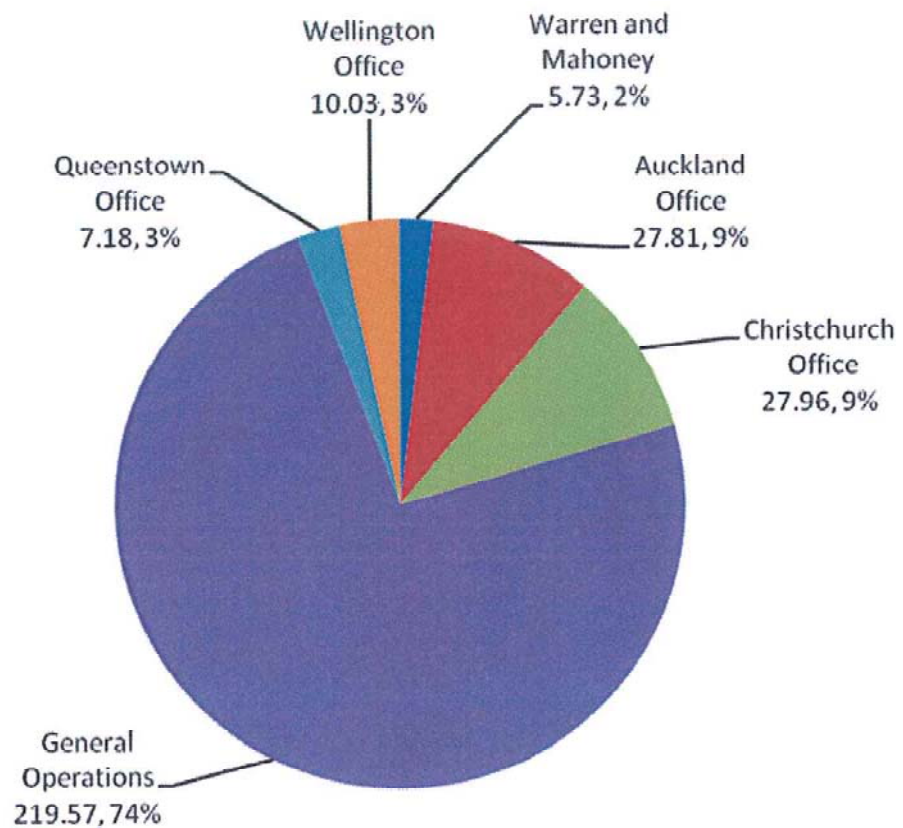
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Measurement period – 01/04/2008 to 31/03/2009

GHG emissions source inclusions – the diagram below shows the operational GHG emissions for Warren and Mahoney by emissions source. Warren and Mahoney's total emissions for this period were 298.26 tonnes carbon dioxide equivalents (CO₂e) comprising 21 tonnes CO₂e Scope 1, 52 tonnes CO₂e Scope 2 and 221 tonnes CO₂e Scope 3 emissions.



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GHG emissions source exclusions – the following emissions sources were excluded from the inventory:

- Postage and couriers
- Staff commuting to work

GHG emissions reduction commitments – Warren and Mahoney has developed a GHG emissions reduction plan. Some projects in this plan include:

- Begin improvements to current video conferencing facilities
- Upgrade to Wellington office facilities
- Maintenance of preferred product list
- Continuation of our marketing strategy to conserve energy and reduce waste
- Continuing support and sponsorship for programmes which promote sustainability in all forms.

GHG emissions reduction report against last year's plan – We have clear goals which were achieved, in summary these include:

- Implementation of comprehensive a Green Travel Policy
- Christchurch City Council Target Zero waste and water audit undertaken
- Maintenance of our Preferred Product List to ensure we are purchasing the most environmentally friendly products available
- Kitchen waste sorting rolled out to all offices nationwide
- Continued in house marketing to conserve energy
- 12 staff members underwent New Zealand Green Building Council Green Star Accreditation training
- The Christchurch office undertook a bathroom and shower upgrade to encourage staff to cycle or walk to work
- Support and sponsorship for programmes such as the Hubbards Carbon Crusade (Manukau), World Car Free Day and Earth Hour.

Offset – 247 tonnes CO₂e. Gold Standard VERs² from Meridian Energy PRE windpower³ project. Serial numbers 407452 – 407698 cancelled in the carboNZero programme register. Carbon credits were not required to offset emissions from purchased electricity because all electricity is purchased from Meridian Energy which equates to 51.75 tonnes.

Verified by – Telarc SAI

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

Level of assurance – reasonable assurance

² VERs are created by eligible projects for emissions reductions achieved up to the end of 2007.

³ PRE - Projects to Reduce Emissions is a New Zealand government scheme for projects that are eligible under the Joint Implementation initiative of the Kyoto Protocol – see www.mfe.govt.nz.

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Certification status – carboNZero certified “organisation”, in respect of its entire business, including its architecture, interior design, graphic design and urban design services.

Certificate number – 2010010J

Valid until – 30 June 2010.

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