

Summary of carboNZero certification:

Warren and Mahoney



Warren and Mahoney

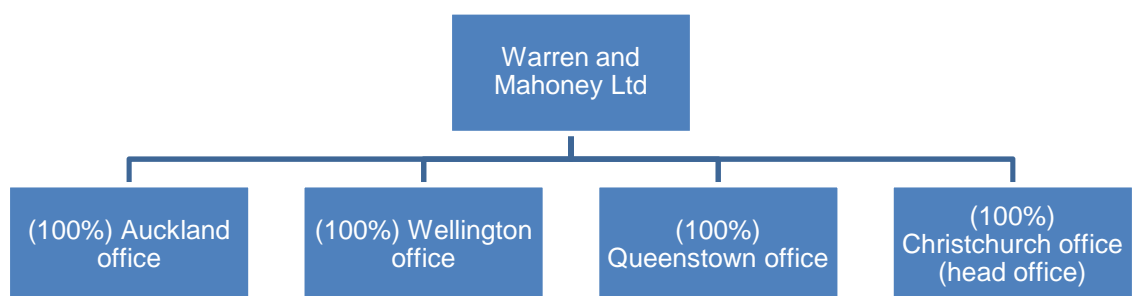
Warren and Mahoney Architects Ltd meets the requirements of carboNZero^{Cert™} certification having measured its greenhouse gas emissions in compliance with the requirements of ISO 14064-1, committed to managing and reducing its emissions and neutralised its remaining unavoidable emissions through the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

Introduction¹ – 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

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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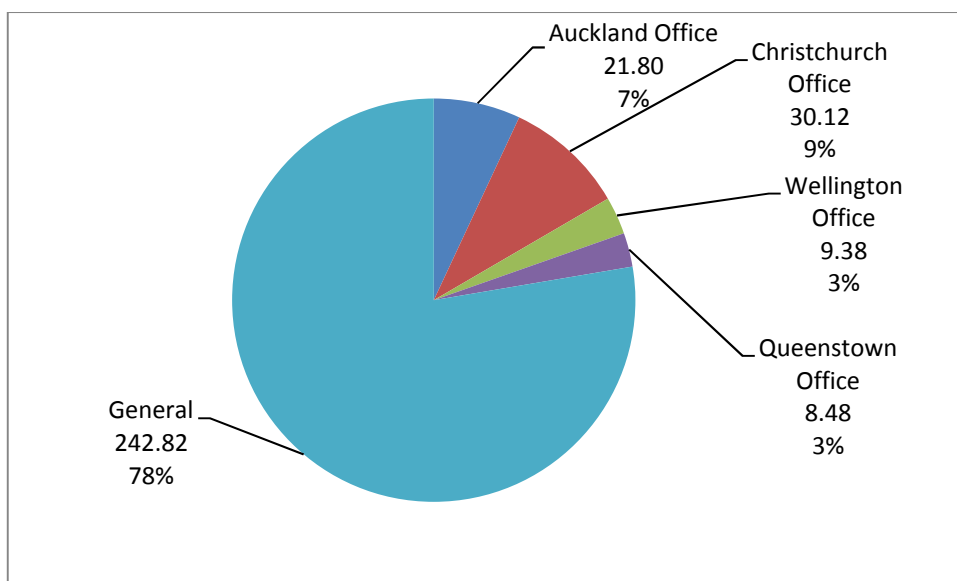
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Base year – 01/04/2006 to 31/03/2007

Measurement period – 01/04/2009 to 31/03/2010

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 312.6 tonnes carbon dioxide equivalents (CO₂e) comprising 44.02 tonnes CO₂e Scope 1, 47.37 tonnes CO₂e Scope 2 and 221.21 tonnes CO₂e Scope 3 emissions.



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:

- Improvements to technology and video conferencing facilities
- Continued upgrade to 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:

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- Maintenance of our Preferred Product List to ensure we are purchasing the most environmentally friendly products available
- In house marketing to conserve energy
- Continued commitment to New Zealand Green Building Council Green Star Accreditation training
- Upgrade of the video conferencing screen in Wellington to improve picture quality.
- Upgrade of meeting room acoustics (for video conferencing) in Auckland and Queenstown
- Support and sponsorship for programmes such as the recent Wakitipu trails trust event – a good local initiative looking to increase trails for biking/walking in the area.
- Appointed a Green Co-ordinator who has committed 2 days fortnightly to green issues and is already increasing knowledge within the QT office (where she is based) with that information to be imparted to other offices via the intranet as a regular green article.

Offset – 266 tonnes CO₂e. VERs² from EBEX21 native forest regeneration. Serial numbers 109827-110092. Carbon credits were not required to offset emissions from purchased electricity because all electricity is purchased from Meridian Energy which equates to 47.37 tonnes CO₂e.

Verified by – Green Fox Consulting Ltd

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”, in respect of its entire business, including its architecture, interior design, graphic design and urban design services.

Certificate number – 2010084J

Valid until – 30 June 2011 (Due to the Christchurch earthquake Warren and Mahoney were unable to access their source records for the period 01/04/2010 to 31/03/2011. The client has cancelled 300 tonnes CO₂e of EBEX21 PSFI Compliant native forest regeneration credits serial numbers 803675 to 803974 to cover the new inventory period). This expires on 30 June 2012.

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