



SUMMARY OF TOITŪ CARBONREDUCE CERTIFICATION

WELLINGTON CITY COUNCIL

Year 2 of 3 year certificate period

Absolutely Positively
Wellington City Council
Me Heke Ki Pōneke

Wellington City Council meets the requirements of Toitū carbonreduce certification having measured its greenhouse gas emissions in accordance with ISO 14064-1:2006 and committed to managing and reducing its emissions in respect of the operational emissions of its organisation including Council Controlled Organisations that report financially into the council and JVs, and excluding Wellington International Airport.

Wellington City Council (Council) is the local authority of the residents and ratepayers of Wellington, the capital city of New Zealand. The activities undertaken by the Council include; water supply; waste water collection and treatment; storm water management; solid waste management; provision of transportation infrastructure and street lighting; arts and cultural facilities including libraries, museums, convention centres and a public art gallery; parks, recreation and aquatic facilities; and the provision of regulatory, community and economic development services. This inventory reports into the CEMARS programme. The Council is intent on using carbonreduce as a guide to reduce its greenhouse gas impacts.

Further information about the Council's activities, including Annual and Long Term Plans is located at www.wellington.govt.nz.

This yearly inventory report forms a key performance measure for the council's climate action blueprint - Te Atakura First to Zero Carbon. The plan can be found in full at - <https://www.zerocarboncapital.nz/assets/Uploads/Te-atakura-final.pdf>

This plan was adopted in June 2019 on the same day as the Council declared a climate and ecological emergency. With this, new, more ambitious emissions reduction goals were set. carbonreduce will remain a crucial tool in the achievement of these.

Our broader climate efforts can be explored at - <http://wellington.govt.nz/services/environment-and-waste/environment/climate-change>

EMISSIONS SUMMARY ¹

Wellington City Council's emissions for this year (01 July 2018 to 30 June 2019) were 114,999.93 tCO₂e. The operational GHG emission sources included in this inventory are shown in Figure 1 below.

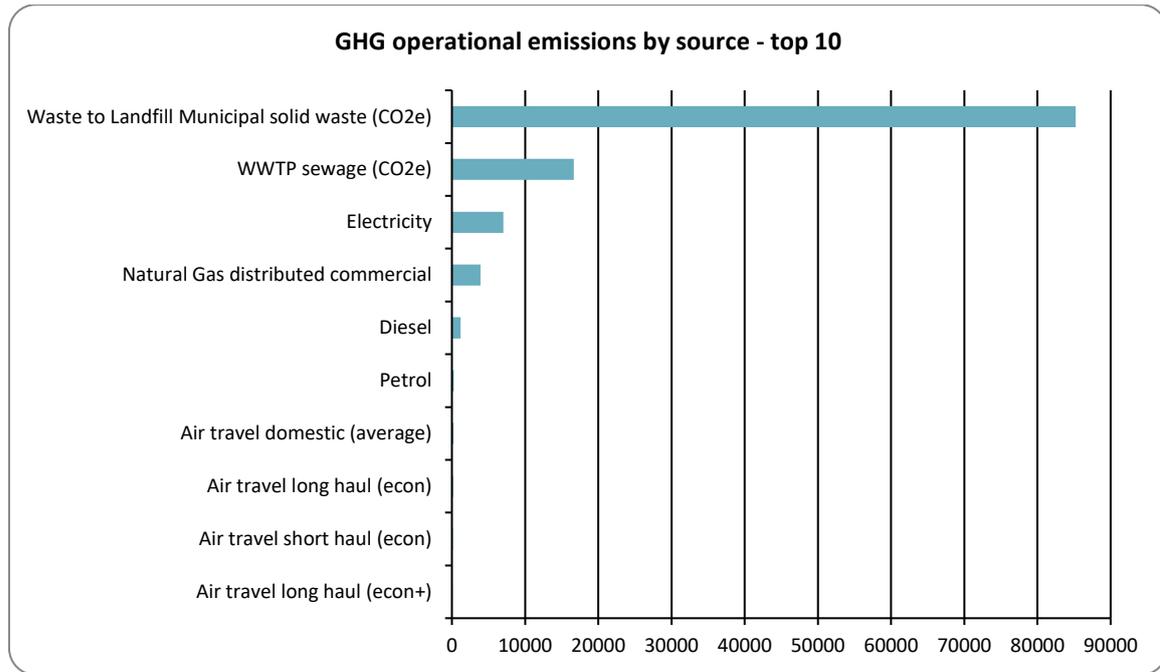


Figure 1: GHG emissions by emissions source

Emissions as tonnes of carbon dioxide equivalents (tCO₂e) for this period were:

Emissions summary by scopes		Units	Emissions summary by scopes		Units
Scope 1 total	106,594.27	tCO ₂ e	Scope 1 total	106,594.27	tCO ₂ e
Scope 2 total (location-based method)	4,813.52	tCO ₂ e	Scope 2 total (market-based ² method)	4,759.74	tCO ₂ e
Scope 3 (mandatory)	1,370.53	tCO ₂ e	Scope 3 (mandatory)	1,370.53	tCO ₂ e
Scope 3 (additional)	2,275.39	tCO ₂ e	Scope 3 (additional)	2,275.39	tCO ₂ e
Scope 3 (one-time)	0.00	tCO ₂ e	Scope 3 (one-time)	0.00	tCO ₂ e
Total inventory: (location-based method)	115,053.71	tCO₂e	Total inventory: (market-based method)	114,999.93	tCO₂e

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. Whilst every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Enviro-Mark Solutions Limited (trading as Toitū Envirocare) does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

² The market-based factor is based on supplier emissions rates and the residual mix; as a residual mix is not yet available for the New Zealand market, in the absence of a supplier rate, the grid average has been used.

EMISSIONS REDUCTIONS

To reduce its emissions, Wellington City Council has developed a GHG emissions management plan and reduction targets. Some of these plans include:

- Continued co-investment in methane capture at Southern Landfill
- Investigate alternatives for sewage sludge disposal
- Computer sleep mode software
- Incorporate electric vehicles in fleet
- Investigate fleet rationalisation (carshare)
- Ensure best-practice refrigerant management

This is the 5th year of reporting under the Toitū carbonreduce programme. An absolute increase in Scope 1 and 2 emissions of 23,915.54 tCO₂e has occurred against base year. A reduction in emissions intensity (for Scope 1, 2 and mandatory Scope 3 emissions) of 11.87 tCO₂e/\$M has been achieved based upon a 5 year rolling average.

EMISSIONS BOUNDARIES

Business units in green are included, business units in blue are excluded. Note the new inclusion of the Basin Reserve Trust and Wellington Regional Stadium Trust.

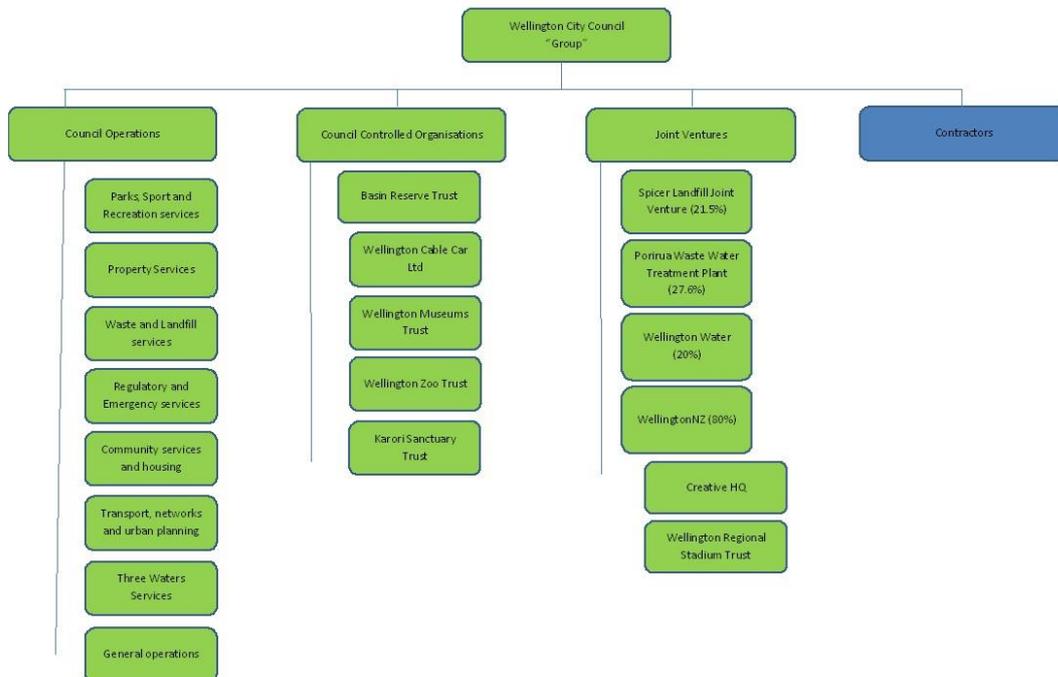


Figure 2: Organisational structure showing business units included and excluded



A financial control consolidation approach was used to account for emissions. A financial control approach was chosen based on discussion with the Toitū carbonreduce programme and the gap analysis review conducted by the Toitū carbonreduce programme in the 2014/15 emissions inventory.

This is with reference to the methodology described in the GHG Protocol and ISO 14064-1:2006 standards.

The following emissions sources were excluded from the inventory for this measurement period:

- Fertilizer use by the Parks, Sport and Recreation business unit has been excluded on the basis that it has a *de minimis* contribution to greenhouse gas emissions across council. This assertion is based on estimates of annual fertilizer usage data from the Horticultural team.
- Freight and couriers deemed to be *de minimis*.

Excluded emissions do not exceed 5% of the total footprint within the organisation boundary stated.

CERTIFICATE DETAILS

Certification status – Toitū carbonreduce certified organisation

Certificate number – 2018109J, Year 2 of 3 year certificate period

Valid until – 14 December 2021

Measurement period – 01 July 2018 to 30 June 2019

Base year – 01 July 2014 to 30 June 2015

Verified by – Enviro-Mark Solutions Limited

Level of assurance – Reasonable

Data quality score – High