



SUMMARY OF TOITŪ CARBONREDUCE CERTIFICATION

PANUKU DEVELOPMENT AUCKLAND

Year 2 of 3 year certificate period



Panuku Development Auckland 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 activities of its organisation.

Panuku is a Council Controlled Organisation (CCO) that delivers urban regeneration in Tāmaki Makaurau (Auckland). Panuku also manages around \$3 billion of land and buildings on behalf of Council, optimising returns from the portfolio while also ensuring buildings contribute positively to their neighbourhoods. As a signatory on the Climate Leaders Coalition, Panuku Development Auckland (Panuku) has a commitment to publicly report organisational greenhouse gas emissions and reduction targets and to work with suppliers to reduce emissions.

Panuku was formed in September 2015, from the merger of Waterfront Auckland and Auckland Council Property Limited. Panuku currently has ~228 employees across the following directorates: Community and Stakeholder Relations, Assets and Delivery, Strategy and Planning, Design and Place, People and Culture and Development.

The activities of Panuku cover two broad areas:

1. Urban regeneration leveraged off Council owned land, including master planning, public good investments and placemaking.
2. Management of Council's assets and portfolio, including strategic property advice, management, acquisitions and disposals.

Property and asset management is undertaken on behalf of Auckland Council (owners). Panuku have some influence, but management parameters and spending are ultimately set by Council. An exception to this rule is found in Wynyard Quarter and the Marinas, which prior to July 2019 were Panuku owned. These properties were then transferred under Council ownership in July 2019 with Panuku continuing in a property/asset and marina management function.

Panuku's core strategic objectives are to catalyse urban development to strategically create value from assets and demonstrate business leadership. Panuku's approach to achieving these strategic outcomes is informed by the Corporate Responsibility Framework (CRF). This framework sets out how Panuku balances commercial outcomes with strategic public good outcomes. Panuku's intention is to operate in an efficient, cost effective way while minimising the impact activities have on the environment. A Toitū carbonreduce rating contributes to this objective for Panuku.

On the basis of organisational accountability and local government's duty of care responsibility, Panuku must contribute to Auckland's transition to a low carbon economy and to national emissions reduction targets.

EMISSIONS SUMMARY ¹

Panuku Development Auckland’s emissions for this year (01 July 2019 to 30 June 2020) were 813.22 tCO₂e. The operational GHG emission sources included in this inventory are shown in Figure 1 below.

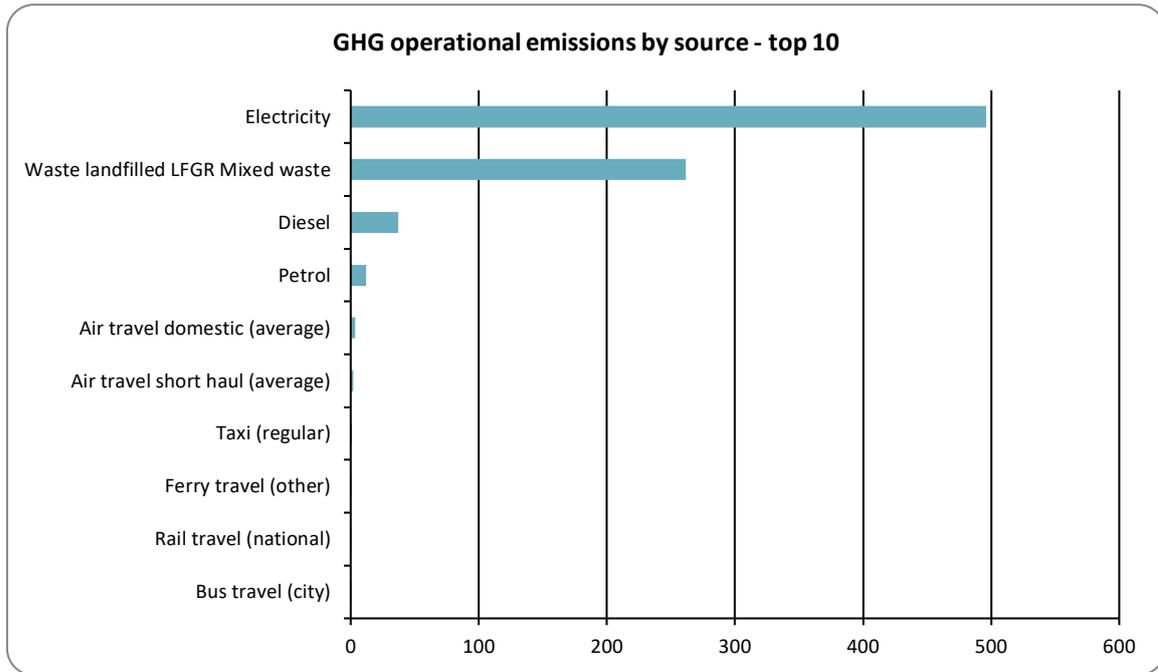


Figure 1: GHG emissions by emissions source

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

| Scope | tCO ₂ e |
|------------------------------|--------------------|
| Scope 1 | 48.95 |
| Scope 2 | 104.58 |
| Scope 3 Mandatory | 268.29 |
| Scope 3 Additional | 391.39 |
| Scope 3 One time | 0.00 |
| Total gross emissions | 813.22 |

EMISSIONS REDUCTIONS

To reduce its emissions, Panuku has developed a GHG emissions management plan and reduction targets. Panuku supports CLC commitments to reduce absolute scope 1, 2 and 3 emissions (combined).

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.



The target is to reduce absolute Scope 1, 2 and 3 emissions by 35% by 2030. This includes separately reducing Scope 1 and 2 emissions by 41% during the same period.

This is the 2nd year of reporting under the Toitū carbonreduce programme. An absolute increase in Scope 1 and 2 emissions of 27.21 tCO₂e has occurred against base year. A reduction in emissions intensity (for Scope 1, 2 and mandatory Scope 3 emissions) of 0.05 tCO₂e/\$M has been achieved based upon a 2 year rolling average.

EMISSIONS BOUNDARIES

Figure 1 shows the reporting structure chosen to account for Panuku’s emissions. The structure was developed based on operational ownership, control and influence with distinct spatial differences.

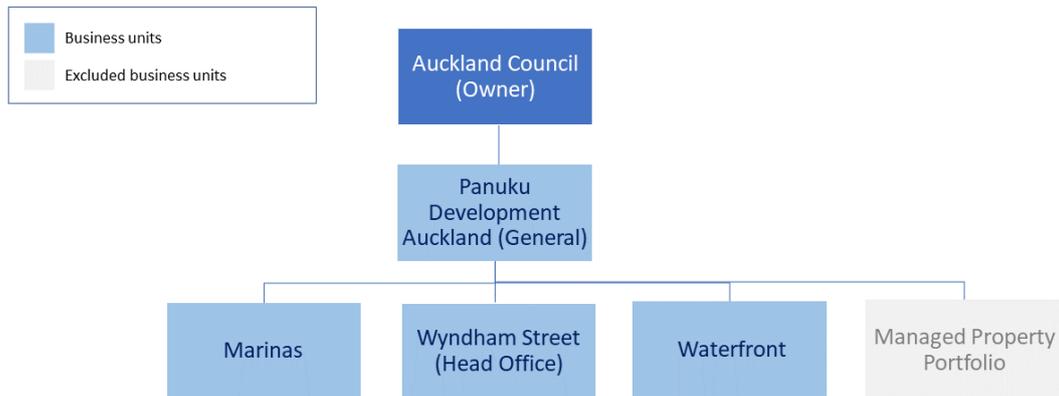


Figure 2: Organisational structure showing business units included and excluded

An operational control consolidation approach was used to account for emissions.

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:

Council's property portfolio, containing residential property, commercial property, some land and forest is excluded from this emissions inventory. Panuku exercises a property management function on behalf of Council for these properties, the majority of which are leased. Council has captured utility data, where available, for 20% of this portfolio in their independently reviewed emissions inventory. There is insufficient data to make assumptions and data calculations for the remaining 80%. Panuku is continuing to support Council to improve our collective data records for future reporting and reduction activities.

| Business unit | GHG emissions source | GHG emissions level scope | Reason for exclusion |
|----------------|----------------------|---------------------------|---|
| Panuku General | Freight and courier | Scope 3 | Using the Appendix 1 template, the total spent on Freight represent less than 0.1% of our inventory and therefore is deemed <i>de minimis</i> |

| Business unit | GHG emissions source | GHG emissions level scope | Reason for exclusion |
|--------------------------------|------------------------------------|--|---|
| Panuku General | Refrigerants | Scope 1 | Using the Appendix 1 template, fleet associated refrigerants represent less than 1% of our inventory and therefore is deemed <i>de minimis</i> . Leased office air-con refrigerants supplied and maintained by Landlord. |
| Waterfront (for leased assets) | Electricity (for leased assets) | Scope 2 / Scope 3 Additional | Property assets are under lease agreements with other parties. For shared space electricity (Scope 2), data is insufficient to make assumptions and is therefore excluded. A response to this is included in the management plan. |
| Waterfront | Waste (for leased assets) | Scope 3 Mandatory / Scope 3 Additional | Property assets are under lease agreements with other parties. For shared space waste removal (Scope 3 Mandatory), data is insufficient to make assumptions and is therefore excluded. A response to this is included in the management plan. |
| Marinas | Waste (for Panuku kiosks, offices) | Scope 3 Mandatory | Using the Appendix 1 template, marina office/kiosk waste represents less than 0.05% of our inventory and therefore is deemed <i>de minimis</i> . |

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 – 2019136J, Year 2 of 3 year certificate period

Valid until – 23 December 2022

Measurement period – 01 July 2019 to 30 June 2020

Base year – 01 July 2018 to 30 June 2019

Verified by – Enviro-Mark Solutions Limited

Level of assurance – Reasonable

Data quality score – High