TOITŪ CARBON REDUCE ISO 14064-1 ORGANISATION

SUMMARY OF TOITŪ CARBONREDUCE CERTIFICATION[i] FOR MOVE LOGISTICS GROUP LIMITED

MOVE

Summary for 01 July 2021 to 30 June 2022

TOITŪ CARBONREDUCE ORGANISATION CERTIFIED: MOVE LOGISTICS GROUP LIMITED INCLUDING MOVE (ATL) LIMITED, TRANSPORT INVESTMENTS LIMITED, MOVE LOGISTICS & WAREHOUSING, SOUTHERN FLEET LEASING LIMITED, MOVE (MCAULEY'S) TRANSPORT LIMITED, MOVE FREIGHT LIMITED, MOVE INTERNATIONAL HOOKERS SHIPPING LIMITED, PACIFIC ASSET LEASING LIMITED, MOVE (NZL) LIMITED, MOVE FUEL LIMITED, MOVE SPECIALIST LIFTING & TRANSPORT LIMITED

Toitū carbonreduce means committing to ongoing reductions while achieving annual measurement for at least the Toitū mandatory emissions.[ii]



Measured emissions to **ISO 14064-1:2018** and Toitū requirements



Managing and reducing against Toitū requirements

This report provides a summary of the annual greenhouse gas (GHG) emissions inventory and management report for MOVe Logistics Group Limited as part of the annual work to achieve Toitū carbonreduce certification. Full details of the annual achievements, commitments, and verification are available on request from MOVe Logistics Group Limited.

This report is the annual greenhouse gas (GHG) emissions inventory report for MOVe Logistics Limited. The inventory is a complete and accurate quantification of the amount of GHG emissions that can be directly attributed to the organisation's operations within the declared boundary and scope for the specified reporting period. The inventory has been prepared in accordance with the requirements of the measure-step of the Programme.

ACHIEVEMENTS

These achievements have been verified in line with ISO 14064-3:2019 and Toitū carbonreduce Programme Technical Requirements for the 01 July 2021 to 30 June 2022 measurement period.

EMISSIONS MEASUREMENT

MOVe Logistics Group Limited's greenhouse gas emissions for this year (01 July 2021 to 30 June 2022) were 49,813.35 tCO_2e. MOVe Logistics Group Limited has measured the emissions resulting from its operational activities, purchased energy, and the key impacts from its value chain activities, including business travel, freight, and waste sent to landfill.

The annual inventory is detailed in the following table.

Category (ISO 14064-1:2018)	Scopes (GHG Protocol)	GHG emissions (tCO_2e) Base Year 2018/2019	Previous Year 2020/2021	Current Year 2021/2022
Category 1: Direct emissions	Scope 1	66,402.24	60,774.73	48,361.87
Category 2: Indirect emissions from imported energy	Scope 2	416.98	411.40	527.76
Category 3: Indirect emissions from transportation	Scope 3	587.77	395.58	386.16
Category 4: Indirect emissions from products used by organisation	Scope 3	405.33	667.34	537.56
Category 5: Indirect emissions associated with the use of products from the organisation	Scope 3	0.00	0.00	0.00
Category 6: Indirect emissions from other sources	Scope 3	0.00	0.00	0.00
Total gross emissions		**67,812.32**	**62,249.04**	**49,813.35**
Category 1 direct removals		0.00	0.00	0.00
Certified renewable electricity certificates		0.00	0.00	0.00
Total net emissions		**67,812.32**	**62,249.04**	**49,813.35**

An assessment of materiality was made against the defined threshold. From this analysis it is concluded that the stated emissions are free from material error.

The operational GHG emission sources included in this inventory are shown in Figure 1 below.

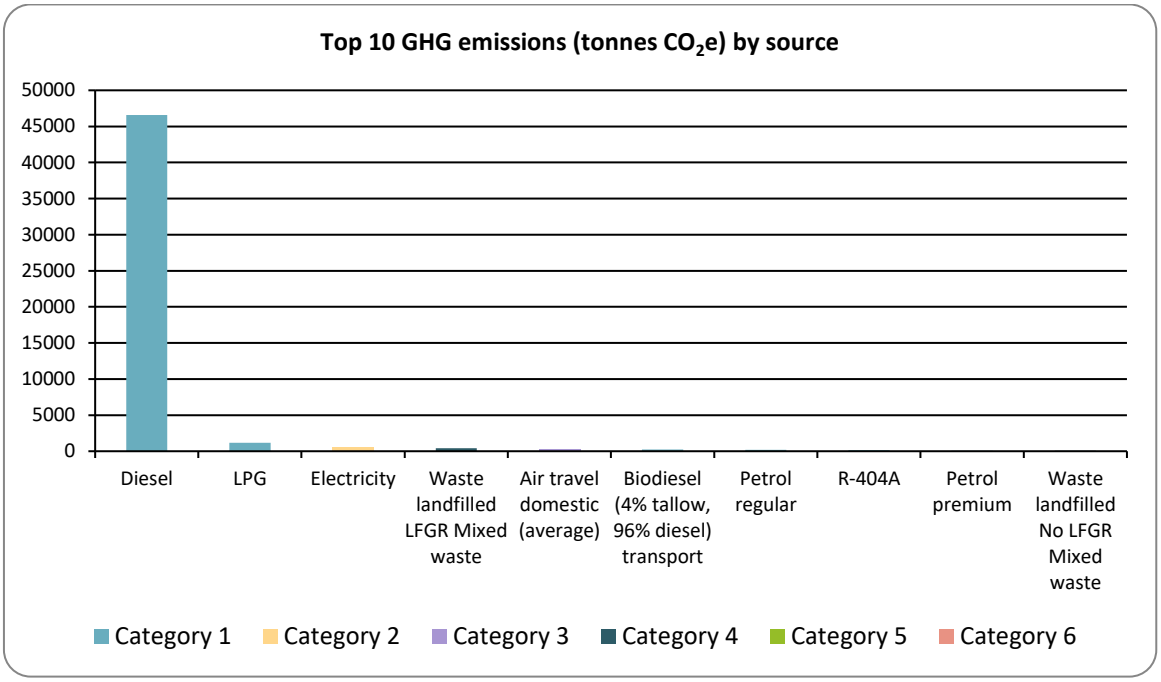


Figure 1: Top 10 GHG emissions (tonnes CO_2e) by source

SCOPE OF MEASURED INVENTORY

CONSOLIDATION APPROACH

An operational control consolidation approach was used to account for emissions. Organisational boundaries were set with reference to the methodology described in the GHG Protocol and ISO 14064-1:2018 standards. [iii]

MOVe Logistics utilises the 'operational control' consolidation method for our emissions inventory. This approach considers all emissions that MOVe exercises some control over as a large majority of our emissions comes from the transport and logistics operations.

BOUNDARIES

The organisational chart provides an overview of all companies in the group from a legal perspective - some of which are non-trading and others that have varying ownership structures and controls.

The organisational chart also identifies the in-scope companies for this baseline year on the basis of day-to-day operational control the MOVe Logistics Group has with these companies.

In April 2022 MOVe (ATL) Limited was amalgamated into MOVE Freight Limited. The Group purchased 100% of the shares in MOVE (ATL) Limited in March 2020, which had been a 50:50 joint venture company and excluded in the base year. The carbon emission data was collected as a separate entity for July 2021 to February 2022, at which time it was incorporated into the carbon emissions data for MOVe Freight Limited.

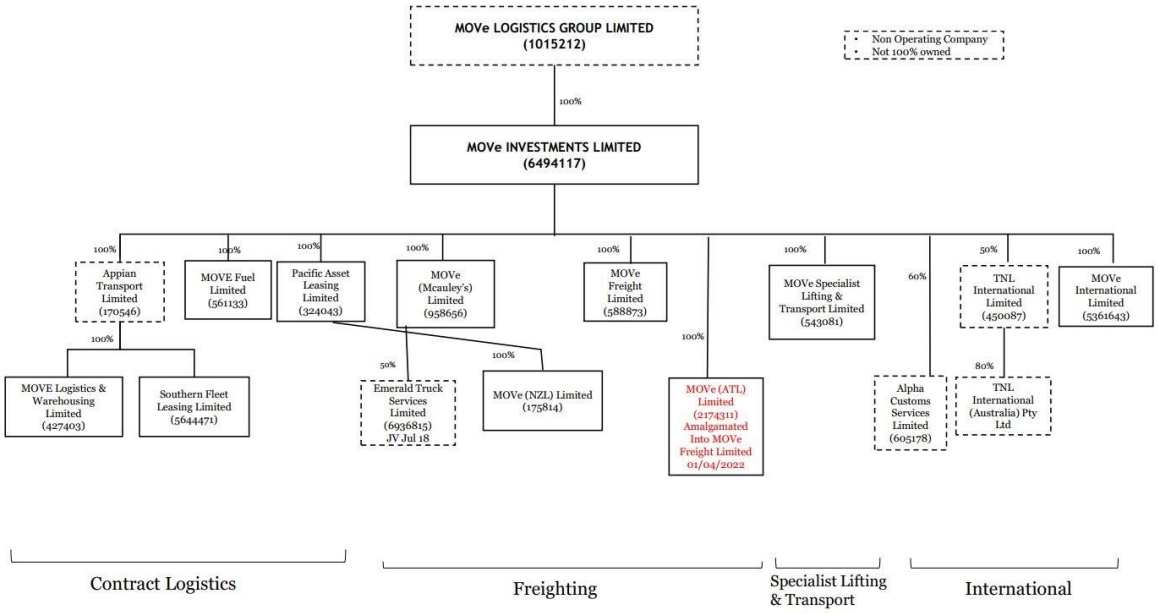


Figure 2: Organisational structure showing business units included and excluded

The excluded business units include companies where there is less than 100% ownership and there is not operational control on the day to day running of the business. They operate independently of our business and use their own accounting systems for financials.

Excluded Business Units

Non- Operating Company:

- Global Logistics Group Limited (amalgamated June 2022)
- Appian Transport Limited
- Pacific Liquid Logistics Limited
- TNL Logistics Limited (amalgamated June 2022)
- Transport Nelson Limited (amalgamated June 2022)
- Alexandra Transport Limited (amalgamated June 2022)
- Not 100% Owned:
- Emerald Truck Services (J/V)
- Alpha Customs Services
- TNL International (Australia) Pty Limited
- TNL International Limited

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

MANAGING AND REDUCING

An assessment of materiality was made against the defined threshold. From this analysis it is concluded that the stated emissions are free from material error.

This is the 4th year of reporting under the Toitū carbonreduce programme. An absolute reduction in Category 1 and 2 emissions of 17,929.59 tCO_2e has been achieved against base year.

Greenhouse gas (GHG) emissions for the organisation for the current reporting period are detailed in Table 4 below. There is a decrease of total tCO_2e (gross emissions) compared to the base year. The most significant decreases were achieved for category 1 direct emissions exceeding our targets set in the base year. More detail on these results is provided in the emanage inventory spreadsheet. It should be noted that these numbers are impacted by the operational impacts of COVID and lockdowns in New Zealand.

Reflected in tables above.

Target name	Baseline period	Target date	Type of target (intensity or absolute)	Current performance (tCO_2e)	Current performance (%)	Comments
Total Category 1, Category 2 emissions reduction by 2%	2019	2022	Intensity	48,866.49	-27%	We have seen an overall reduction in line with our targets
Business Travel reduction by usage of improved teleconference (companywide)	2019	2022	Intensity	353.87	-39%	We have seen an overall reduction in line with our targets
LPG	2019	2022	Intensity	1,169.32	-25%	We have seen an overall reduction in line with our targets

COMMITMENTS

REDUCTION TARGETS

MOVe Logistics Group Limited is committed to managing and reducing its emissions. MOVe Logistics Group Limited's commitments, including GHG emissions reduction targets and plans, have been reviewed and meet Toitū carbonreduce programme requirements.

We are a responsible organisation seeking to operate in a sustainable way, that recognises sustainability is a multi-faceted function that has significant and wide ranging implications for our business and operations, spanning environmental, social and economic aspects of our business. As detailed within our formal and evolving environmental and sustainability policies, we strive for high standards throughout our operations and in relationships with external partners to ensure we are an innovative, progressive, environmentally responsible and sustainable organisation. As indicated in our approach we recognise that the impacts of climate change through greenhouse gas emissions is an issue we all have to respond to in our communities, families and businesses, acknowledging this we consider carbon management a priority.

Looking ahead, MOVe Logistics Group Limited is currently focused on the following projects.

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Improve carbon efficiency of our sites across the country.	Educate team members on sustainable practices in and around the workplace. E.g. turning lights off when not being used, reducing waste, using sustainable modes of travel.	Sustainability Lead with the Executive Mgmt team	30/06/2023	Reduced electricity usage. Reduced waste to landfill. Reduced fuel consumption.	None anticipated	n/a
	Replace LPG fuelled forklifts with alternatives	Sustainability Lead with the Executive Mgmt team	30/06/2024	Reduce LPG usage.	Other fuels (electricity) will create their own emissions.	Investigate the carbon impact of electricity compared to LPG.
	Explore Sustainable property footprint for new buildings	Sustainability Lead with the Executive Mgmt team	30/06/2025	Reduced electricity usage. Reduced waste to landfill.	None anticipated	n/a
Improve carbon efficiency of our deliveries	Invest in new, more fuel-efficient vehicles as well as new, sustainably powered vehicles, such as hydrogen/electric to replace diesel vehicles.	Sustainability Lead with the Executive Mgmt team	30/06/2025	Reduced fuel consumption.	Other fuels (hydrogen, electricity) will create their own emissions	Investigate the carbon impact of alternative fuels compared to diesel.
	Educate intermediaries, such as sub-contractors and owner drivers, on sustainable practices in our industry	Sustainability Lead with the Executive Mgmt team	30/06/2024	Reduced electricity usage. Reduced waste to landfill. Reduced fuel consumption.	None anticipated	n/a

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
	Provide training to drivers of our vehicles on how to drive a vehicle in a fuel-efficient manner.	Sustainability Lead with the Executive Mgmt team	30/06/2023	Reduced fuel consumption.	None anticipated	n/a
	Invest in Multimodal operations (ocean shipping branch of the business) to take trucks off the road. Ships will deliver goods more efficiently than trucks.	Sustainability Lead with the Executive Mgmt team	31/12/2023	Reduced fuel consumption.	None anticipated	n/a
	Explore Balance rings on tyres	Sustainability Lead with the Executive Mgmt team	31/12/2023	Reduced fuel consumption and Tyre waste	None anticipated	n/a
	Implement and optimise the new TMS technology	Sustainability Lead with the Executive Mgmt team	30/06/2024	Reduced fuel consumption.	None anticipated	n/a

CERTIFICATE DETAILS

Certification status:	Toitū carbonreduce certified organisation
Certificate number:	2022171J, Year 1 of 3 year certificate period
Valid until:	20 July 2025
Measurement period:	01 July 2021 to 30 June 2022
Base year:	01 July 2018 to 30 June 2019
Audited by:	Toitū Envirocare
Level of assurance:	Reasonable
Data Quality Score:	High

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Disclaimer: This Certification Summary Statement is a summary of the information (validated and verified for relevant components of the certification) 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 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.

[ii] The mandatory sources that must be included in any Toitū carbon programme inventory include:

- All direct emissions from the activities of the organisation, or the part of the organisation being certified. Direct emissions come from assets owned or controlled by the organisation, such as emissions from fleet vehicles, boilers, generators and HVAC systems.
- All emissions from imported energy (electricity, heat and steam)
- Emissions from business travel and freight paid for by the organisation
- Emissions associated with waste disposed of by the organisation, as well as the transmission and distribution of electricity, and natural gas

[iii] Control: the organisation accounts for all GHG emissions and/or removals from facilities over which it has financial or operational control. Equity share: the organisation accounts for its portion of GHG emissions and/or removals from respective facilities.