SUMMARY OF TOITŪ CARBONREDUCE CERTIFICATION[i]

FOR MOVE LOGISTICS GROUP LIMITED

Summary for 01 July 2022 to 30 June 2023

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. Additional 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 2022 to 30 June 2023 measurement period.

EMISSIONS MEASUREMENT

MOVe Logistics Group Limited's greenhouse gas emissions for this year (01 July 2022 to 30 June 2023) were 145,870.61 tCO_2e. MOVe Logistics Group Limited has measured the emissions resulting from its operational activities, purchased energy, and selected impacts from its value chain activities, including business travel, freight, and waste sent to landfill. The annual inventory is detailed in the following table. Emissions and reductions are reported using a location-based methodology.[iii]

		GHG emissions (tCO_2e)	
Category (ISO 14064-1:2018)	**Scopes (GHG Protocol)**	**Base Year 2021/2022**	**Current Year 2022/2023**
Category 1: Direct emissions	Scope 1	48,361.87	41,764.50
Category 2: Indirect emissions from imported energy (location-based method*)	Scope 2	592.20	514.85

		GHG emissions (tCO_2e)	
Category 3: Indirect emissions from transportation	Scope 3	1,073.50	1,205.91
Category 4: Indirect emissions from products used by organisation		100,594.05	102,335.75
Category 5: Indirect emissions associated with the use of products from the organisation		0.00	49.59
Category 6: Indirect emissions from other sources		0.00	0.00
Total gross emissions*		150,621.62	145,870.61
Category 1 direct removals		0.00	0.00
Total net emissions		**150,621.62**	**145,870.61**

*Gross and net emissions are reported using a location-based methodology. Contact MOVe Logistics Group Limited for full details.

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

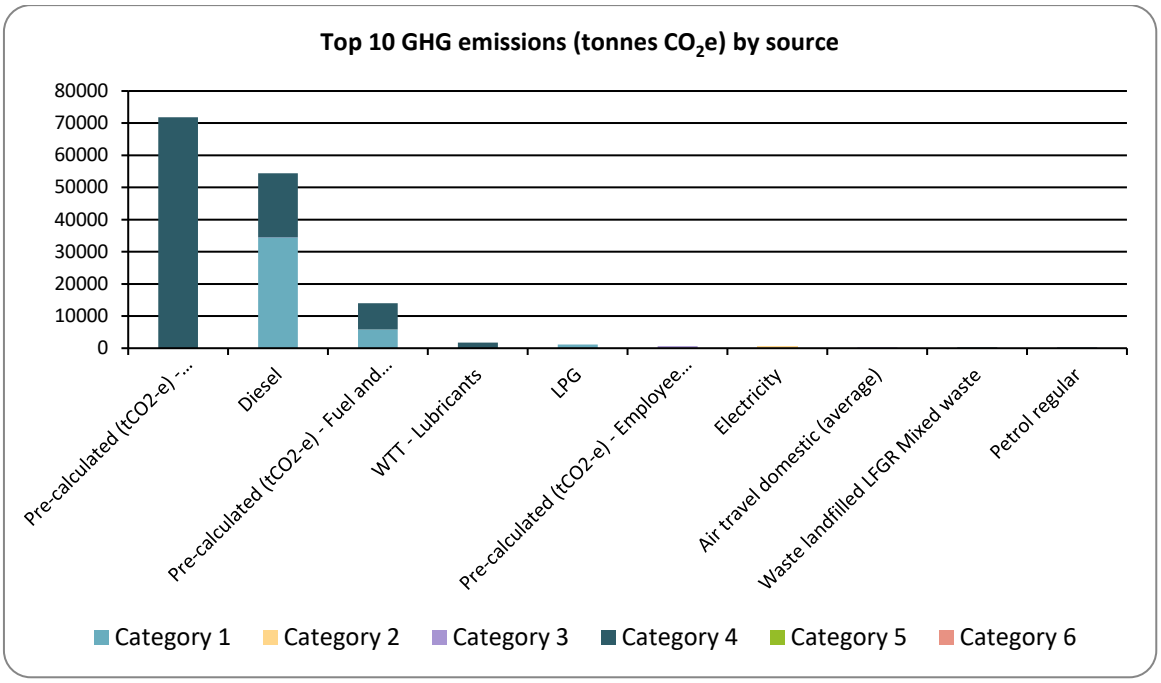


Figure 1: Top 10 GHG emissions (tonnes CO_2e) by source

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.[iv]

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. 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.

In November 2022 Move (NZL) Limited and Move (McAuley's) Limited amalgamated into MOVE Freight Limited. The carbon emission data was collected as separate entities for July 2021 to October 2022, at which time it was incorporated into the carbon emissions data for MOVe Freight Limited.

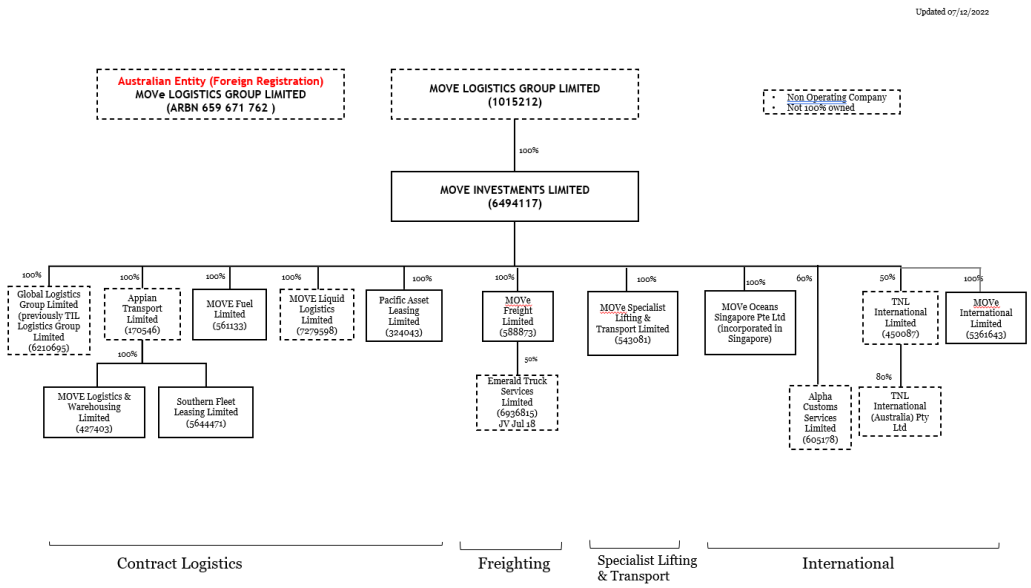


Figure 2: Organisational structure showing business units included and excluded

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

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)

Move (NZL) Limited (amalgamated November 2022)

Move (McAuley's) Limited (amalgamated November 2022)

Not 100% Owned:

Emerald Truck Services (J/V)

TNL International (Australia) Pty Limited

Alpha Customs Limited and TNL International Limited have been included as investments (from July 2022)

MANAGING AND REDUCING

This is the fifth year of reporting under the Toitū carbonreduce programme and the second year since resetting their base year to 2021-22. An absolute reduction in Category 1 and 2 emissions of 6,674.71 tCO_2e has been achieved against base year. Emissions Intensity cannot be calculated as the turnover for 2023 is still under embargo.

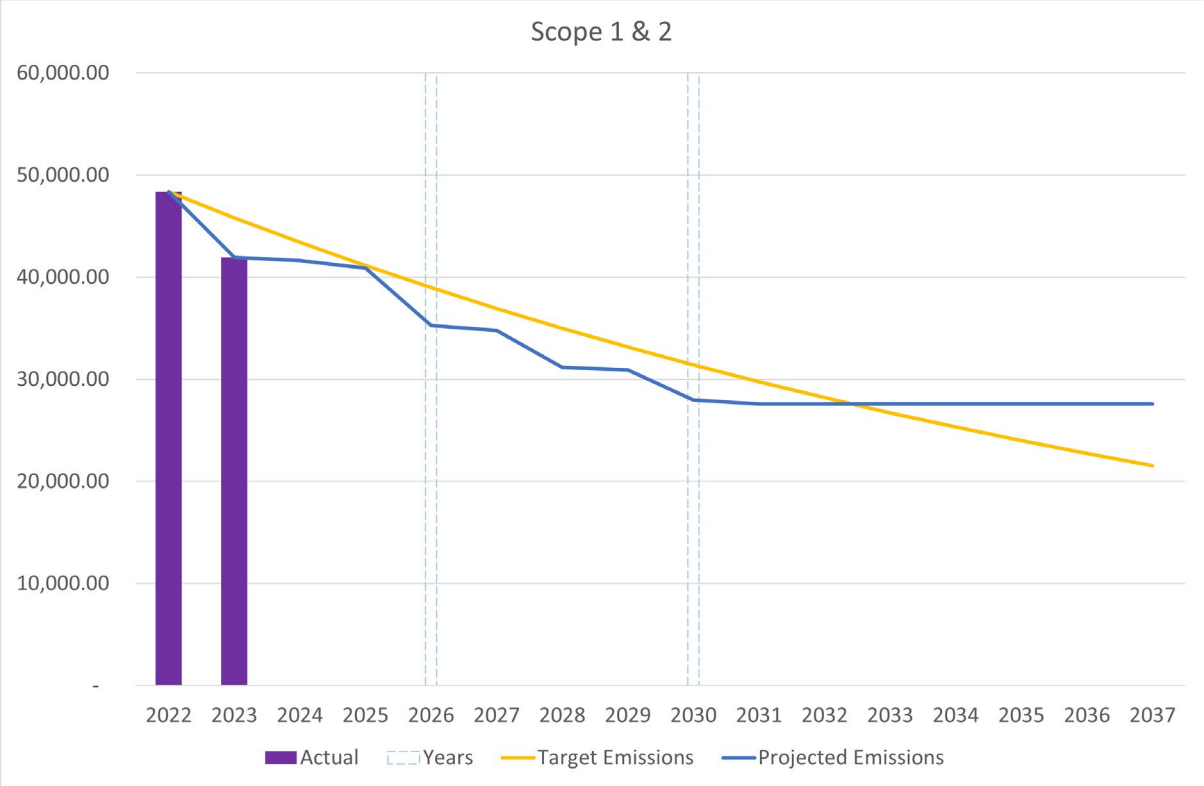


Figure 3: Performance against target since the base year

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) of 3% compared to the base year. The most significant decreases were achieved for category 1 direct emissions, 13.3% reduction compared to base year. Scope 3 emissions increased by 1.8% compared to base year. Part of this increase is due to reporting a more complete set of data with the inclusion of emissions from investments for the first time and including a more comprehensive Well to Tank calculation.

Reflected in tables above.

Target name	Baseline period	Target date	Type of target (intensity or absolute)	Current performance (tCO_2e)	Current performance (%)	Comments
Scope 1 & 2 - Absolute	2022	2030	Absolute	42,279.36	-13.3%	Total Scope 1 and 2 emissions have decreased ahead of target, reflective of a shift to an asset light model and increased use of contractors. There is also decreased transport activity.
Scope 1	2022	2030	Absolute	41,933.24	-13.3%	Total Scope 1 emissions have decreased ahead of target, reflective of a shift to an asset light model and increased use of contractors. There is also decreased transport activity.
Mobile combustion (incl. company owned or leased vehicles)	2022	2030	Absolute	41,711.77	-13.2%	Mobile combustion emissions have decreased ahead of target, reflective of a shift to an asset light model and increased use of contractors. There is also decreased transport activity.
Scope 2, location based	2022	2030	Absolute	514.85	-13.1%	Scope 2 emissions have decreased ahead of target due to rationalisation of locations and energy efficiency improvements made.
Scope 3 - Absolute Targets						
Scope 3 Combined	2022	2030	Absolute	103,591.26	1.9%	Scope 3 total emissions have increased slightly, reflective of a shift to an asset light model and increased use of contractors.
1. Purchased goods and services	2022	2030	Absolute	91,854.72	3.2%	Emissions from purchased goods and services have increased slightly, reflective of a shift to an asset light model and increased use of contractors.
2. Capital goods	2022	2030	Absolute	151.72	110.9%	Emissions from capital expenses have increased significantly, reflective of work to replace the aging heavy vehicle fleet and the introduction of a cargo freight vessel.
5. Waste generated in operations	2022	2030	Absolute	346.41	-30.0%	Emissions from waste have reduce due to increased waste segregation and more accurate data reporting.

Target name	Baseline period	Target date	Type of target (intensity or absolute)	Current performance (tCO_2e)	Current performance (%)	Comments
6. Business travel	2022	2030	Absolute	439.53	33.9%	Emissions from business travel have increased comparted to FY22, reflecting a year that was not impacted by COVID 19 travel restrictions.
7. Employee commuting	2022	2030	Absolute	687.69	0.1%	Employee commuting emissions have increased very slightly.
3. Fuel and energy related activities	2022	2030	Absolute	9,982.91	-9.6%	Well to tank emissions have decreased, reflective of a shift to an asset light model and increased use of contractors.

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 are in line with 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.

Target	Baseline period	Target date	Type of target	Categories covered	Target % reduction	Annual % reduction	Emissions	Responsibility	Rationale
Scope 1 & 2 - Absolute									
Scope 1	2022	2030	Top Level	Scope1	-42.0%	-5.3%	baseline= 48361.9 Target= 28049.9	Rebecca Dearden - Sustainability lead	As per plotted pathway and project plans
Mobile combustion (incl. company owned or leased vehicles)	2022	2030	Sub	Scope 1,	-42.0%	-5.3%	baseline= 48227.4 Target= 27971.9	Steve Scott & Marc Paul - Fleet Managers	As per plotted pathway and project plans
Scope 2, location based	2022	2030	Sub	Scope 2	-42.0%	-5.3%	baseline= 592.2 Target= 343.5	Facilities Manager	Better Maintenance
Scope 3 -Absolute Targets									
Scope 3 Combined	2022	2030	Top Level	Scope 3	-42.0%	-5.3%	baseline= 101717.1 Target= 58995.9	Rebecca Dearden - Sustainability lead	Achievable through the application of the reduction projects identified.
1. Purchased goods and services	2022	2030	Sub	Scope 3, Category 1	-42.0%	-5.3%	baseline= 88986.8 Target= 51612.3	Divisional COOs	Supplier engagement plans
2. Capital goods	2022	2030	Sub	Scope 3, Category 2	-42.0%	-5.3%	baseline= 71.9	Divisional COOs	Supplier engagement plans

Target	Baseline period	Target date	Type of target	Categories covered	Target % reduction	Annual % reduction	Emissions	Responsibility	Rationale
							Target= 41.7		
5. Waste generated in operations	2022	2030	Sub	Scope 3, Category 5	-42.0%	-5.3%	baseline= 494.7 Target= 286.9	Branch Managers	Increased waste diversion from landfill
6. Business travel	2022	2030	Sub	Scope 3, Category 6	-42.0%	-5.3%	baseline= 386.2 Target= 224.0	Rebecca Dearden - Sustainability lead	Travel planning and remote optimisation
7. Employee commuting	2022	2030	Sub	Scope 3, Category 7	-42.0%	-5.3%	baseline= 687.1 Target= 398.5	Rebecca Dearden - Sustainability lead	As per plotted pathway and project plans
3. Fuel and energy related activities	2022	2030	Sub	Scope 3, Category 3	-42.0%	-5.3%	baseline= 11040.6 Target= 6403.6	Steve Scott & Marc Paul - Fleet Managers	As per plotted pathway and project plans

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	30/06/2024	Reduced electricity usage. Reduced waste to landfill. Reduced fuel consumption.	None anticipated	n/a
	Investigate & implement where appropriate, site specific energy efficiency improvements	Facilities Manager	30/06/2026	Reduced electricity usage.	None anticipated	n/a

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
	Replace LPG and Diesel fuelled forklifts with alternatives	Sustainability Lead with the Executive Mgmt team	30/06/2026	Reduced fossil fuel consumption	Other fuels (electricity) will create their own emissions.	Investigate the carbon impact of electricity compared to fossil fuels.
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.	Fleet Managers with the Executive Mgmt team	30/06/2026	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 purchased goods and services emissions from behaviour changes and efficiency improvements	None anticipated	n/a
	Provide training to drivers of our vehicles on how to drive a vehicle in a fuel-efficient manner.	Driver Trainers	30/06/2024	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.	Executive Team - Move Oceans and Move Freight	31/12/2024	Reduced fuel consumption.	Increased Marine Diesel Oil consumption	New build ship for coastal shipping route being constructed to be biomethanol ready
	Implement and optimise the new TMS technology	TMS project team, Freight Team, Logistics & Warehousing Team	30/06/2026	Reduced fuel consumption.	None anticipated	n/a
	Transition the light vehicle fleet to hybrid and electric vehicles	Fleet Managers with the Executive Mgmt team	30/06/2028	Reduced fossil fuel consumption	Other fuels (electricity) will create their own emissions.	Investigate the carbon impact of electricity compared to fossil fuels.
	Investigate the use of rail for multi modal freight options	Freight team with the Executive Mgmt team	30/06/2026	Reduced fossil fuel consumption	Increase in rail freight related emissions (Purchased goods and services)	Rail Freight is up to 70% less emission intensive for some freight routes.

CERTIFICATE DETAILS

Certification status:	Toitū carbonreduce certified organisation
Certificate number:	2022171J, Year 2 of 3 year certificate period
Valid until:	20 July 2025
Measurement period:	01 July 2022 to 30 June 2023
Base year:	01 July 2021 to 30 June 2022
Audited by:	Deilen Deri Consulting Limited and Toitū Envirocare
Level of assurance:	Reasonable except category 3, 4 and 5 purchased goods and services and investments & Limited for category 3, 4 and 5 purchased goods and services and investments

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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] All purchased and generated energy emissions are dual reported using both the location-based method and market-based method in the certified Inventory Report and appendices. This summary document presents the information using the location-based method. Note that reductions and any required compensation are assessed using that method. Dual reporting illustrates the role of supplier choice, onsite renewable energy generation and contractual instruments in managing indirect emissions from energy alongside any ongoing energy efficiency and reduction efforts. This dual reporting aligns with ISO 14064-1:2018 and the GHG Protocol. Please contact this organisation for the dual reporting details applicable to this inventory.

[iv] 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.