



GREENHOUSE GAS INVENTORY

FY2021



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TFG FY2021
SUMMARY CARBON FOOTPRINT REPORT
30 July 2021

Final Version

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SECTION A

1. REPORT OVERVIEW – EXECUTIVE SUMMARY

Figure 1 is a summary of the emissions and company metrics reported by TFG in FY2021.

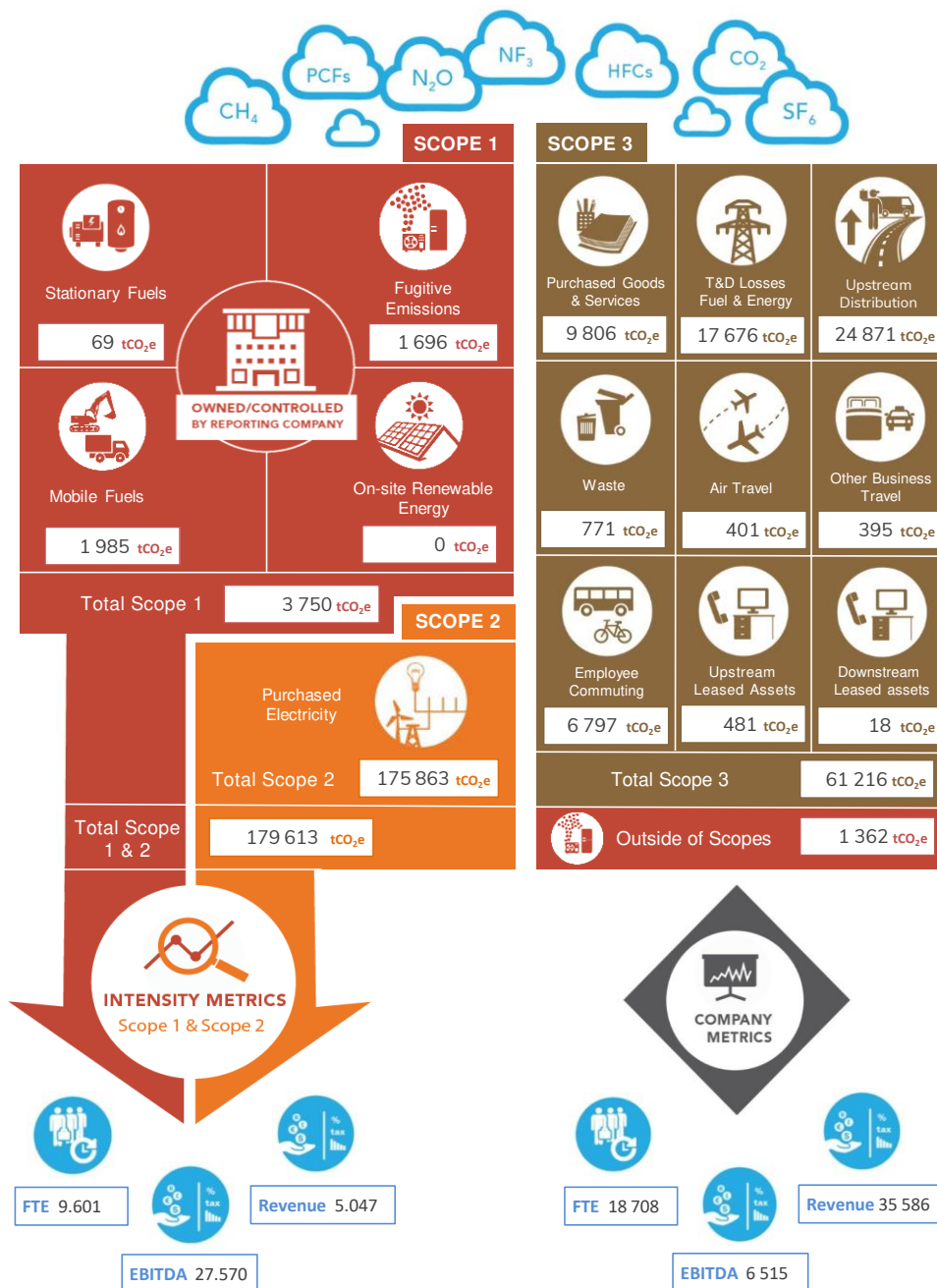


Figure 1: Summary of TFG's FY2021 emissions and company metrics

REPORT OVERVIEW – EXECUTIVE SUMMARY CONTINUED



	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>% Change</u>
Scope 1 Total	4 672	5 215	3 750	-28%
Scope 2 Total	153 096	166 655	175 863	6%
<u>Scope 1 & 2 Total</u>	<u>157 768</u>	<u>171 870</u>	<u>179 613</u>	<u>5%</u>

<u>Metrics</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>% Change</u>
Full-time employees (FTE)	16 555	17 433	18 708	7%
Total employees	29 121	29 776	34 891	17%
Group EBITDA (Rm)	8 531.8	8 513.3	6 514.8	-23%
Group Revenue (Rm)	37 128	38 477	35 586	-8%



<u>Intensity</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
Scope 1&2 tCO ₂ e/FTE	9.530	9.859	9.601
Scope 1&2 tCO ₂ e/Total employees	5.418	5.772	5.148
Scope 1&2 tCO ₂ e/EBITDA (Rm)	30.505	20.188	27.570
Scope 1&2 tCO ₂ e/Retail turnover (Rm)	4.249	4.467	5.047

Table 1: COMPARATIVE EMISSIONS BETWEEN YEARS INCLUDING PERCENTAGE CHANGE FOR TFG AFRICA, TFG LONDON AND TFG AUSTRALIA

TFG	Metric tonnes of CO ₂ e			% Change
	FY2019	FY2020	FY2021	FY20 vs. FY21
Total Scope 1	4 672	5 215	3 750	-28%
Total Scope 2 – purchased electricity	153 097	166 655	175 863 ¹	6%
Total Scope 1 & 2	157 768	171 870	179 613	5%
Total Scope 3	66 650	75 193	61 216	-19%
Outside of Scopes	2 542	2 743	1 362	-50%
TFG Africa				
Total Scope 1	4 484	5 016	3 664	-27%
Total Scope 2 – purchased electricity	150 959	164 816	166 663	1%
Total Scope 1 & 2	155 443	169 832	170 327	<1%
Total Scope 3	62 844	72 935	56 069	-23%
Outside of Scopes	2 542	2 743	1 362	-50%
TFG London				
Total Scope 1	188	199	86	-57%
Total Scope 2 – purchased electricity	2 137	1 839	534	-71%
Total Scope 1 & 2	2 325	2 038	621	-70%
Total Scope 3	3 806	2 258	589	-74%
Outside of Scopes	0	N/R	0	N/A
TFG Australia				
Total Scope 1	N/R	N/R	0	N/A
Total Scope 2 – purchased electricity	N/R	N/R	8 666	N/A
Total Scope 1 & 2	N/R	N/R	8 666	N/A
Total Scope 3	N/R	N/R	4 558	N/A
Outside of Scopes	N/R	N/R	0	N/A

N/R = Not reported N/A = Not applicable

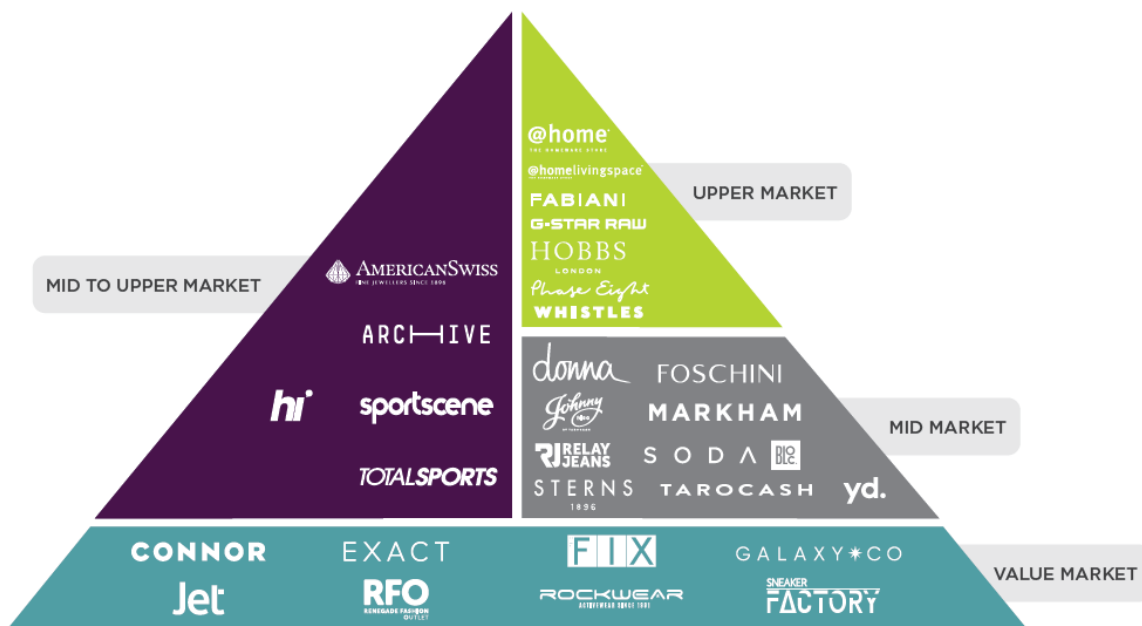
¹ Total electricity consumption has increased relative to FY2020 despite widespread reductions related to COVID-19, this is due to the inclusion of electricity by TFG Australia for the first time as well as TFG Africa's acquisition of Jet during FY2021.

2. INTRODUCTION

TFG is a diverse group with a portfolio of 29 fashion retail brands. As at the end of the 2021 financial year, the Group was trading in 4 284 outlets across 26 countries on five continents and reported a Group turnover of R35 586 million (FY2020: R38 477 million). The company was established in 1924 and was listed on the Johannesburg Stock Exchange (JSE) in 1941. The retail brands offer clothing, jewellery, cellphones, accessories, cosmetics, sporting apparel and equipment, and homeware and furniture from value to upper market segments.

The Group's retail brands, as at March 2021, are shown in Figure 2 below.

TFG'S RETAIL BRANDS SPAN VARIOUS MARKET SEGMENTS



myTFGworld, the Group's online marketplace, consolidates 17 of our TFG Africa brands from value to upper end on one online platform.

Figure 2: TFG retail brands for FY2021

TFG's three business segments each have their own local management teams, which report into the Group's head office in Cape Town. Retail brands within these business segments are supported by centralised support services structures. The percentage contribution to turnover was: TFG Africa 67%, TFG London 5%, TFG Australia 16%, and TFG e-commerce 12%. The reporting period of this CFR is TFG'S 2021 financial year (01 April 2020 – 31 March 2021).

TFG Africa operations that are included in the reporting boundary totalled 2 929 stores. The majority of those stores were in South Africa (2 710), with the remaining 219 stores in: Botswana (44), Lesotho (20), Namibia (106), Eswatini (18) and Zambia (31), all of which reported electricity consumption. The TFG London operations totalled 801 outlets (210 stores and 591 concessions) of which 567 outlets were included in the boundary, and TFG Australia operations totalled 554 outlets (521 stores and 33 concessions) of which 518 outlets were included in the boundary.

This FY2021 CFR constitutes the fourteenth carbon footprint report commissioned by TFG and should be compared against previous carbon footprint calculations in order to review changes in annual consumption, boundaries and areas of improvement. All reports have been prepared using the GHG Protocol Corporate Accounting and Reporting Standard methodology.

Within the GHG Protocol, accounting and reporting are guided by five principles – relevance, completeness, consistency, transparency and accuracy – to ensure that reported information represents a true and fair account of emissions. These principles are intended to underpin all aspects of GHG accounting and reporting according to the GHG Protocol, and to which Carbon Calculated subscribes in the delivery of all its reports.

In accordance with the GHG Protocol, clear organisational and operational boundaries have been defined and agreed to by TFG, and the relevant activity data has been supplied. This CFR covers emissions from the business activities of TFG Africa, TFG London and, for the first time, TFG Australia.

It is important to highlight that under the GHG Protocol, the reporting of both Scope 1 direct emissions and Scope 2 indirect emissions is compulsory. All Scope 3 emissions, (i.e., those from supply chain activities), are reported at the discretion of the reporting company.

As a result, the GHG-emitting activities covered by the CFR include:

- ◆ Direct emissions (referred to as Scope 1), resulting from fuel used by TFG-owned or TFG-controlled equipment (stationary fuels); fleet vehicles (mobile fuels); air-conditioning, refrigeration, and fire-suppressing gas refills (fugitive emissions) and onsite renewable energy. Although renewable energy generated onsite produces few to no emissions, consumption is reported within Scope 1 so that the total kilowatt hours consumed by a company is measured year-on-year.

- ◆ Indirect emissions from purchased electricity (referred to as Scope 2).
- ◆ Selected indirect emissions in the supply chain (referred to as Scope 3), resulting from TFG's business travel activities; its employee commuting; upstream distribution by courier and freight; the consumption of paper products, marketing materials, and packaging; transmission and distribution (T&D) losses from purchased electricity; upstream and downstream leased assets and waste disposal.

Figure 3 below shows the detailed breakdown of Scopes and emission categories.

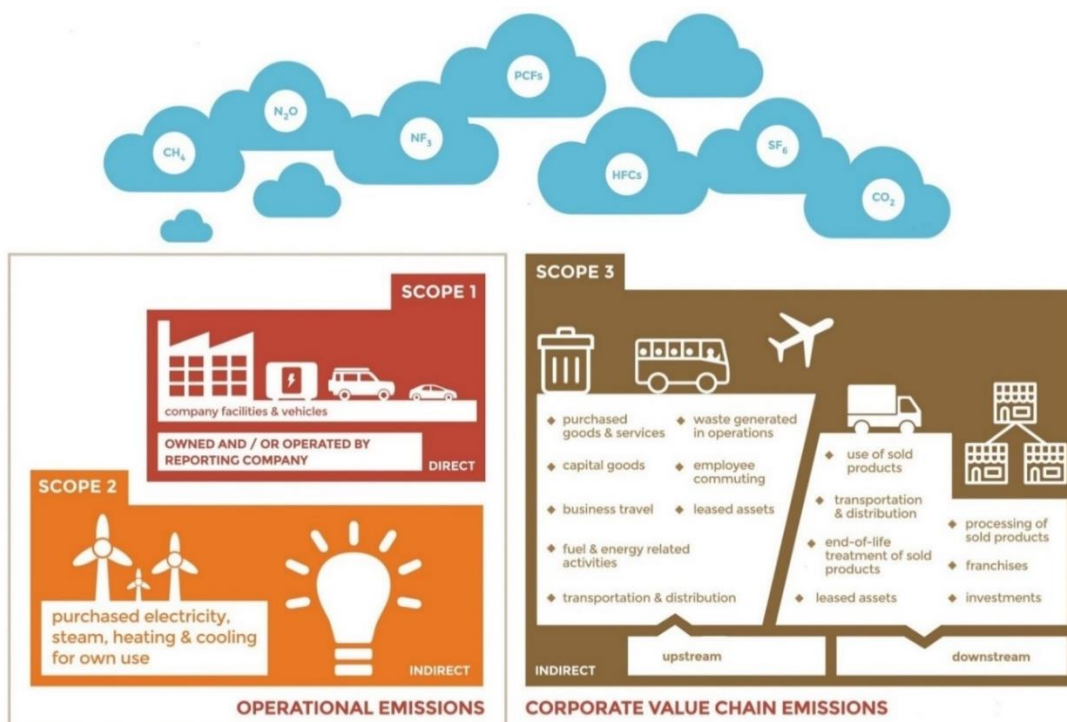


Figure 3: Illustration of Scopes and emission categories

The CFR covers 18 708 FTEs, 1 563 860 square metres (m²) of floor area, R6 515m EBITDA and R35 586m Group revenue.

Carbon Calculated has gone to all reasonable lengths to ensure that the primary information provided by TFG is correct. Carbon Calculated is not liable for any inaccuracies that this information might contain. This CFR, in its entirety, is both material and complete and is intended for TFG internal use only. Information may, however, be extracted for reporting purposes, such as for submission into international and national GHG registries and for purposes of sustainability reporting. It may also be presented for third-party verification purposes.

Table 2: OVERVIEW OF TFG'S FY2021 GHG EMISSIONS**REPORTING PERIOD:** TFG's financial year (01 April 2020 – 31 March 2021)**CARBON FOOTPRINT CALCULATION CONDUCTED ON:** TFG Africa, TFG London and TFG Australia**METHODOLOGY:** GHG Protocol – Corporate Accounting and Reporting Standard**GHG CONSOLIDATION APPROACH:** Operational Control**Company Metrics**

Total TFG employees	34 891
Total full-time TFG employees (FTE) covered by CFR	18 708
Total square metreage of space reported (including stores)	1 563 860 ²
Total square metreage of space reported (excluding stores)	247 814 ³
TFG Group Retail Revenue (ZARm)	35 586
TFG Group EBITDA (ZARm)	6 514.80

Scope 1 Direct Emissions**Metric tonnes of CO₂e**

Stationary fuel emissions	69.28
Fugitive emissions	1 695.90
Mobile fuel emissions	1 984.93
On-site renewable energy emissions	0.00

TOTAL SCOPE 1 EMISSIONS**3 750.11****Scope 2 Indirect Emissions****Market-based****Location-based**

Purchased electricity	175 862.92 ⁴	175 862.92
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TOTAL SCOPE 2 EMISSIONS**175 862.92⁵****TOTAL SCOPE 1 & 2 EMISSIONS****179 613.03****Intensity Metrics**

Scope 1 & 2 emissions per total employee (tCO ₂ e/employee)	5.148
Scope 1 & 2 emissions per full-time employee (tCO ₂ e/FTE)	9.601
Scope 1 & 2 emissions per square metre of building incl. stores (tCO ₂ e/m ²)	0.115
Scope 1 & 2 emissions per Group Revenue (tCO ₂ e/ZARm)	5.047
Scope 1 & 2 emissions per ZARm Group EBITDA (tCO ₂ e/ZARm)	27.570

² Area for TFG London only includes stores and Hobbs HO (proxy) – area data for remaining facilities was not available.³ Area for TFG London only includes Hobbs HO (proxy) – area data for remaining facilities was not available.⁴ TFG's market-based electricity is identical to location-based electricity because no supplier-provided contractual instruments were reported in FY2021.⁵ In dual reporting (market-based and location-based methodologies), the Scope 2 total is for each respective methodology and not the combined totals of both methodologies.

Table 3: OVERVIEW OF TFG'S FY2021 GHG EMISSIONS – CORPORATE VALUE CHAINMetric tonnes of CO₂e

TOTAL SCOPE 1 EMISSIONS: Direct emissions from owned/controlled operations			3 750.11
TOTAL SCOPE 2 EMISSIONS: Indirect emissions from the use of purchased electricity			175 862.92
TOTAL SCOPE 1 & 2 EMISSIONS			179 613.03
Scope 3 Indirect Emissions			
1. Purchased goods and services	Paper – products	855.23	
	Paper – marketing	1 846.29	
	Packaging	7 104.52	
			9 806.04
2. Capital goods			Not evaluated
3. Fuel- and energy-related activities	Electricity T&D losses		17 675.64
4. Upstream transportation and distribution	SA distribution	21 151.94	
	SA freight	3 718.97	
			24 870.91
5. Waste generated in operations	Waste to landfill	746.01	
	Recycling and compost	24.82	
			770.83
6. Business travel	Car hire	14.69	
	Air travel	401.34	
	Accommodation	77.73	
	Travel claims	302.71	
			796.47
7. Employee commuting			6 797.23
8. Upstream leased assets	Purchased electricity	457.34	
	Gas – LPG	23.61	
			480.94
9. Downstream transportation and distribution			Not reported
10. Processing of sold products			Not applicable
11. Use of sold products			Not reported
12. End-of-life treatment of sold products			Not reported
13. Downstream leased assets	Tenant electricity		17.64
14. Franchises			Not reported
15. Investments			Not reported
TOTAL SCOPE 3 EMISSIONS			61 215.71
Outside of Scopes:			
Non-Kyoto Protocol GHG emissions			1 362.42

SECTION B

3. REQUIRED INFORMATION

3.1. BASE YEAR

TFG Africa has set 2008 as the base year for carbon footprint calculations because this was the year that best represented the reporting boundaries with reliable and transparent data. There has been a significant change to the organisation's boundary during the reporting period with the acquisition of Jet Stores, however it is difficult to assess the true impact this has had on materiality based on comparative emissions since these have been dramatically affected by the COVID-19 pandemic. A more detailed assessment of the relevance of the current base year may be required going forward.

Emissions for TFG in tCO₂e in 2008 were as follows: Scope 1: 3 620, Scope 2: 88 774, Scope 1 and 2: 92 394, Scope 3: 36 136 and Outside of Scopes: 1 047. For a historical record of TFG emissions from FY2019, see Table 13.

A base year for TFG, including TFG London and TFG Australia, has not been set. Once accurate and reliable data becomes available, consideration should be given to setting a baseline for the Group.

4. METHODOLOGY, EXCLUSIONS AND ASSUMPTIONS

This CFR has been completed using the GHG Protocol. The following exclusions and/or assumptions are noted in relation to the reporting boundary as well as the Scope 1, Scope 2 and Scope 3 emissions covered by the CFR:

4.1. ORGANISATIONAL BOUNDARY EXCLUSIONS

Emissions generated by the following facilities and/or entities are excluded from the reporting boundary:

- ◆ TFG London excluded 234 of its 801 outlets (stores and concessions) as data was not available.
- ◆ TFG Australia excluded 36 of its 554 outlets (stores and concessions) as data was not available.

4.2. OPERATIONAL BOUNDARY EXCLUSIONS AND ASSUMPTIONS

Scope 1 – Direct Emissions

- ◆ TFG London's Whistles Head Office, the DCs for Phase Eight and Whistles, and the Hobbs Shoe Factory – excluded due to data unavailable.
- ◆ TFG Africa's new Jet DC – fugitive gas consumption data was not available.
- ◆ Diesel in bowzers for TFG Africa is excluded as this is stored fuel and not combusted.

Scope 2 – Indirect Emissions

- ◆ TFG London's Whistles Head Office, the DCs for Phase Eight and Whistles, and the Hobbs Shoe Factory – excluded due to data unavailable.
- ◆ It was assumed that all TFG London electricity was from the UK.
- ◆ Electricity consumption for TFG Australia stores was estimated based on the kWh per square metre of actual consumption of a select few stores, which was then applied to all stores and emissions calculated based on each store's territory or region.

Scope 3 – Indirect Emissions

- ◆ Refer to Table 4 for any category or activity exclusions within the reporting year.

Table 4: SPECIFIC SCOPE 3 EMISSION CATEGORIES AND EXCLUSIONS ACCORDING TO THE CORPORATE VALUE CHAIN FOR TFG IN FY2021

Category	Scope 3 category	Evaluation status	Reason for exclusions
1	Purchased goods and services	Relevant, partially reported: <ul style="list-style-type: none"> ♦ Paper products ♦ Marketing material – paper ♦ Packaging – various ♦ Water (consumption only) 	TFG purchases a wide variety of consumables from various sources, for which much of the data is currently unavailable or has not been evaluated.
2	Capital goods	Relevant, not reported	Information not evaluated
3	Fuel- and energy-related activities (not in Scopes 1 or 2)	Relevant, reported: <ul style="list-style-type: none"> ♦ Electricity T&D losses 	Excludes homeworker emissions as data was not available
4	Upstream transportation and distribution	Relevant, reported distributors (TFG Africa only): <ul style="list-style-type: none"> ♦ Third party logistics ♦ Courier services ♦ Freight – sea & air 	TFG distributes a wide variety of products from various sources. Currently, not all relevant information is available or has been evaluated. TFG London and Australia did not report on transport and distribution.
5	Waste generated in operations	Relevant, reported: <ul style="list-style-type: none"> ♦ Landfill waste ♦ Recycling and compost 	TFG London – Hobbs HO, Whistles HO and Phase Eight MIQ Logistics did not report waste. Proxy used for Courier London waste. No waste data for stores reported by TFG Australia and Africa as they are usually within malls where waste is difficult to separate and measure.
6	Business travel	Relevant, reported: <ul style="list-style-type: none"> ♦ Car hire ♦ Air travel ♦ Accommodation ♦ Travel claims 	Travel reported by TFG Africa only includes travel for South African operations.
7	Employee commuting	Relevant, calculated	Commuting was only calculated for permanent full-time employees. Occupancy was estimated to account for reduced travel due to COVID-19.
8	Upstream leased assets (not in Scopes 1 or 2)	Relevant, reported (TFG Australia only): <ul style="list-style-type: none"> ♦ Purchased electricity ♦ Purchased gas 	Not applicable
9	Downstream transportation And distribution	Relevant, not reported	Information not evaluated
10	Processing of sold products	Not relevant, explanation provided	TFG sells products that do not require further processing.
11	Use of sold products	Relevant, not yet calculated	TFG retail brands offer a variety of lifestyle products and the company has no control over consumer use, hence this has been excluded. The majority of TFG merchandise does not produce emissions during usage.
12	End-of-life treatment of sold products	Relevant, not yet calculated	TFG has no control over the disposal of products by consumers, hence this has been excluded.
13	Downstream leased assets	Relevant, reported: <ul style="list-style-type: none"> ♦ Tenant electricity 	Not applicable
14	Franchises	Not relevant, explanation provided	TFG does not operate any franchises.
15	Investments	Not relevant, explanation provided	Information not evaluated

SECTION C

5. INFORMATION ON TFG'S EMISSIONS

5.1. TOTAL SCOPE 1 & 2 EMISSIONS

The GHG Protocol requires carbon footprint calculations to include, as compulsory reporting, all direct emissions under Scope 1 and indirect emissions under Scope 2.

All emissions are calculated using emission factors and reported as carbon dioxide equivalent (CO₂e) gases as required by the GHG Protocol. Unless otherwise stated, emission factors are sourced from Defra⁶.

5.2. COMPANY INTENSITY METRICS

Intensity metrics are indicators that provide a comparison of the amount of CO₂e relevant to an operational indicator. TFG utilises the following metrics: FTEs, floor area in square metres, EBITDA, and Group revenue. In 2020, the accounting policy for EBITDA changed to after IFRS 16 EBITDA. Thus, EBITDA for FY2018 and FY2019 was restated.

5.3. SCOPE 1 EMISSIONS

Scope 1 emissions are from sources owned or controlled by the reporting company, e.g., generators, refrigeration, air-conditioning units.

Table 5 provides a breakdown of TFG's direct Scope 1 consumption and carbon emissions for FY2021. Please note that throughout the CFR, all consumption, and emissions in tonnes of CO₂e are rounded to two decimal places⁷ and intensity metrics are rounded to three decimal places.

⁶ Defra, Guideline to Defra's GHG Conversion Factors for Company Reporting; Annexes Updated in August 2020.

⁷ Should the figures in the breakdown tables of this CFR be summed manually, there may be variances of 0.01 (up or down) from the totals stated herein due to rounding of data to two decimal places.

Table 5: TFG'S DIRECT SCOPE 1 EMISSIONS IN FY2021

Description	Units	Total consumption	Metric tonnes of CO ₂ e ⁸
Stationary fuel	Litres – diesel in equipment	25 775.00 ⁹	69.28
Fugitive gas ¹⁰	Kilograms – R407a	164.40	346.39
	Kilograms – R410a	615.98	1 286.17
	Kilograms – R417	11.00	25.81
	Kilograms – R407c	20.00	35.48
	Kilograms – R32	3.05	2.06
	Total	814.43 ¹¹	1 695.90
Mobile fuel – on-road	Litres – diesel	544 337.36	1 259.96
	Litres – petrol	269 719.63	724.97
	Total	814 056.98 ¹²	1 984.93
Renewable energy generated on-site	kWh – solar renewable energy ¹³	112 086.00	0.00

5.4. SCOPE 2 EMISSIONS – MARKET-BASED AND LOCATION-BASED EMISSIONS

Scope 2 emissions are associated with the consumption of purchased electricity, heat or steam from a source that is not owned or controlled by the reporting company, e.g., an electricity utility such as Eskom. Scope 2 emissions are reported according to either the location-based or market-based approach.

Table 6 provides a breakdown of TFG's indirect Scope 2 consumption and carbon emissions for FY2021.

⁸ Unless otherwise stated, all emission factors are provided by Defra, Guideline to Defra's GHG Conversion Factors for Company Reporting; Annexes. Updated in August 2020.

⁹ Excludes 7 000 litres stored in bowsters, as this fuel was not combusted during the reporting year. TFG Australia reported zero consumption of diesel in generators and TFG London reported only 200 litres due to the extensive COVID-19 lockdown in the UK.

¹⁰ The GWP for air-conditioning, fire suppressant and refrigeration gas refills are sourced from the IPCC fourth assessment report.

¹¹ Fugitive excludes the new Jet DC as data was not provided. TFG Australia reported zero consumption of fugitive gas in FY2021.

¹² Mobile fleet fuel was from TFG Africa (269 720 litres petrol and 265 141 litres diesel) and TFG London (4 579 litres diesel) for delivery vehicles. TFG London reported zero consumption by company fleet vehicles due to COVID-19 and TFG Australia do not own or have operational control over any fuel-combustion vehicles.

¹³ On-site renewable solar energy is produced at the Prestige Manufacturing Caledon facility and has been since 2016.

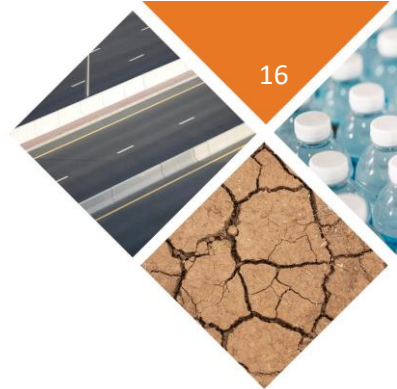


Table 6: TFG'S INDIRECT SCOPE 2 EMISSIONS FROM PURCHASED ELECTRICITY IN FY2021

Description	Units	Total consumption	Metric tonnes of CO ₂ e
Purchased electricity – South Africa	kWh location-based	160 510 789.84 ¹⁴	163 721.01 ¹⁵
Purchased electricity – rest of Africa	kWh location-based	8 406 927.63	2 941.60 ¹⁶
Purchased electricity – United Kingdom	kWh location-based	2 292 380.21 ¹⁷	534.45
Purchased electricity – Australia	kWh location-based	10 730 092.39 ¹⁸	8 585.24 ¹⁹
Purchased electricity – New Zealand	kWh location-based	732 988.04	80.63 ²⁰
Total purchased electricity – location-based		182 673 178.11	175 862.92
Total purchased electricity – market-based		182 673 178.11	175 862.92 ²¹

SECTION D

6. ADDITIONAL INFORMATION UNDER THE GHG PROTOCOL

6.1. SCOPE 3 EMISSION CATEGORIES

It is widely accepted that reporting on a variety of Scope 3 categories (refer to Appendix A) allows companies to gain more meaningful and comprehensive information that provides input into their wider business strategy. Furthermore, reporting of Scope 3 categories is increasingly becoming a focus in management of corporate carbon emissions. Certain reporting platforms, such as CDP and the SBT Initiative (SBTi), are steadily requiring greater and more detailed understanding of the entire supply chain of an organisation, making Scope 3 reporting increasingly important for companies.

¹⁴ TFG South Africa electricity is split as follows: stores 144 179 903 kWh (147 064 tCO₂e), DCs 2 987 666 kWh (3 047 tCO₂e), HO 11 390 287 kWh (11 618 tCO₂e), Regional offices 383 516 kWh (391 tCO₂e) and Manufacturing 1 569 418 kWh (1 601 tCO₂e).

¹⁵ South African emission factor for purchased electricity sourced from Eskom's 2020 Integrated Annual Report.

¹⁶ Electricity emission factors sourced from IEA 2019 report for the year 2017. These are accessed through a purchased licence and cannot be disclosed.

¹⁷ TFG London electricity was reported as: Hobbs 641 463 kWh (150 tCO₂e), Phase Eight 1 542 553 kWh (360 tCO₂e) and Whistles 108 365 kWh (25 tCO₂e). A FY2020 proxy was required for Hobbs HO (reduced by 50% due to COVID-19 lockdown) as data was not available. Phase Eight excludes Logistics, and Whistles excludes Logistics and HO due to electricity being included in lease agreements.

¹⁸ TFG Australia reported electricity for the first time in FY2021. Facilities: Rockwear warehouse 35 408 kWh (29 tCO₂e), HO 234 824 kWh (190 tCO₂e) and stores (Australia only) 10 459 861 kWh (8 366 tCO₂e). Stores were calculated as using kWh per sqm estimations based on sample store data, as obtaining this data for all stores is not feasible in the short-term.

¹⁹ Australian emission factors for purchased electricity were sourced from National Greenhouse and Energy Reporting (Measurement) Determination 2008 (schedule 1) and Department of Industry, Science, Energy and Resources.

²⁰ Electricity is for retail stores in New Zealand - emission factor sourced from <https://www.mbie.govt.nz/building-and-energy/energy-and-natural-resources/energy-statistics-and-modelling/energy-statistics/new-zealand-energy-sector-greenhouse-gas-emissions/>.

²¹ In dual reporting (market-based and location-based methodologies), the Scope 2 total is for each respective methodology and not the combined totals of both methodologies.

6.2. RELEVANT SCOPE 3 EMISSIONS

Table 7 outlines Scope 3 emissions generated during TFG's reporting year from data that was available and deemed accurate. Please refer to relevant footnotes for further details.

Table 7: TFG'S INDIRECT SCOPE 3 EMISSIONS FROM FY2021

Description	Units	Total consumption	Metric tonnes of CO ₂ e ²²
Purchased goods & services – paper products	Tonnes – reams Mondi Rotatrim ²³	136.53	275.90
	Tonnes – reams Sappi Typek ²⁴	150.36	364.18
	Tonnes – reams other	10.35	9.52
	Tonnes – envelopes	18.83	17.31
	Tonnes – labels	0.55	0.50
	Tonnes – till rolls	204.28	187.82
	Total	520.90	855.23
Purchased goods & services – marketing	Tonnes – magazine paper	1 781.86 ²⁵	1 638.24
	Tonnes – mailers and flyers	226.29 ²⁶	208.05
	Total	2 008.15	1 846.29
Purchased goods & services – packaging	Tonnes – supplier cartons	3 014.72 ²⁷	2 261.84
	Tonnes – paper packaging	526.57	484.13
	Tonnes – plastic packaging	1 319.17	3 430.69
	Tonnes – recycled PET bags	1.33	0.80
	Tonnes – other plastic	242.12	914.73
	Tonnes – metal	2.49	9.70
	Tonnes – wood	8.45	2.64
	Total	5 114.86²⁸	7 104.52
Fuel- & energy-related activities – T&D losses from purchased electricity	Kilowatt hours – South Africa	160 510 789.84	16 208.38
	Kilowatt hours – rest of Africa	8 406 927.63	410.02
	Kilowatt hours – UK	2 292 380.21	45.96
	Kilowatt hours – Australia and NZ	11 463 080.43	1 011.28
	Total	182 673 178.11	17 675.64

²² Unless otherwise stated, all emission factors are provided by Defra, Guideline to Defra's GHG Conversion Factors for Company Reporting; Annexes. Updated in August 2020.

²³ Emission factor for Mondi Rotatrim paper, released October 2020 via private communication.

²⁴ Emission factor for Sappi Typek paper, released June 2020 via private communication.

²⁵ Units of magazine paper were reported by TFG Africa based on a conversion from Rands to number of pages.

²⁶ Excludes mailer and flyers for TFG Australia as consumption was minimal to zero and deemed immaterial. Data was not available for @Home mailers and flyers so a proxy from FY2020 (assuming 50% reduction) was used.

²⁷ Excludes 282.58t of second-hand cartons in FY2021 as these are deemed to be re-used rather than recycled as in previous years.

²⁸ Packaging for TFG London contained many data irregularities so a proxy from FY2020 was used instead.

Table 7 continued: TFG'S INDIRECT SCOPE 3 EMISSIONS FROM FY2021

Description	Units	Total consumption	Metric tonnes of CO ₂ e
Upstream transportation & distribution – SA logistics	Litres – diesel	7 598 660.71	20 424.21
	Litres – petrol	314 400.00	727.73
	Total	7 913 060.71	21 151.94
Upstream distribution & distribution – SA freight	Tonne.km – sea freight	239 030 454.34	3 162.85
	Tonne.km – air freight	490 478.54	556.11
	Total	239 520 932.88²⁹	3 718.97
Waste	Tonnes – landfill ³⁰	761.69	746.01
	Tonnes – recycling	1 162.03	24.77
	Tonnes – compost	4.62	0.05
	Total	1 928.34³¹	770.83
Business travel – car hire	Km – petrol <1.4L	8 349.00	1.24
	Km – petrol 1.4-2.0L	66 143.00	12.34
	Km – petrol >2L	617.00	0.17
	Km – diesel <1.7-2.0L	2 461.00	0.34
	Km – diesel >2.0L	2 035.00	0.34
	Km – petrol > 2.0 litre	487.00	0.10
	Km – avg. vehicle; unknown fuel	973.00	0.17
	Total	81 065.00³²	14.69
Business travel – air travel ³³	Km – domestic	25 326.35	6.19
	Km – short-haul economy class	2 008 792.78	307.31
	Km – short-haul business class	38 382.48	8.81
	Km – long-haul economy class	292 341.86	42.73
	Km – long-haul business class	85 666.77	36.31
	Total	2 450 510.24³⁴	401.34
Business travel – accommodation ³⁵	Bed nights – South Africa	676.00	43.60
	Bed nights – rest of Africa	10.00	0.65
	Bed nights – Australia	773.00	33.24
	Bed nights – New Zealand	19.00	0.24
	Total	1 478.00	77.73

²⁹ Freight tonne.km by sea and air has been included by TFG Africa for the first time in FY2021.

³⁰ Emission factor for South Africa waste to landfill was sourced from Friedrich 2013.

³¹ Data for waste from Courier London (TFG London) was not available; thus a proxy from FY2019 (reduced by 50%) was used. TFG London waste excludes Hobbs & Whistles HOs and Damsel in a Dress DC. TFG Australia waste was calculated based on number of collections with average skip weights.

³² Car hire is for travel in South Africa by TFG Africa employees only. No data was available for TFG Australia and TFG London did not travel at all in FY2021 due to COVID-19.

³³ An 8% uplift factor is included to consider non-direct routes and delays/circling. The impact of radiative forcing is also included.

³⁴ TFG Africa reported 2 221 742 km (365 tCO₂e) but excludes flights for Rest of Africa. TFG Australia reported 228 768 km (36 tCO₂e) and TFG London did not travel at all in FY2021 due to COVID-19.

³⁵ A country-specific emission factor is used, which has seen significant variances year-on-year since its introduction.

Table 7 continued: TFG'S INDIRECT SCOPE 3 EMISSIONS FROM FY2021

Description	Units	Total consumption	Metric tonnes of CO ₂ e
Business travel – travel claims	Km – avg. vehicle (TFG Africa)	59 802.33	10.25
	Km – avg. vehicle (TFG Australia)	1 706 300.86	292.46
	Total	1 766 103.19	302.71
Employee commuting	Permanent FTE – TFG Africa	16 973.00	5 805.49
	Permanent FTE – TFG London	722.00	112.48
	Permanent FTE – TFG Australia	1 013.00	879.26
	Total	18 708.00	6 797.23 ³⁶
Upstream leased assets	kWh – purchased electricity (TFG Australia)	557 730.80	457.34
	kWh – purchased LPG (TFG Australia)	110 059.72	23.61
	Total	667 790.52 ³⁷	480.94
Downstream leased assets	kWh – tenant electricity (TFG Africa)	17 297.00	17.64 ³⁸

6.3. OUTSIDE OF SCOPES: EMISSIONS FROM GHG EMISSIONS NOT COVERED BY THE KYOTO PROTOCOL

TFG recorded usage of 753 kg (totalling 1 362 tCO₂e) of R22 Freon gas refills during the reporting year as indicated in Table 8.

Table 8: TFG'S DIRECT EMISSIONS FROM OUTSIDE OF SCOPE GHGS IN FY2021

Description	Units	Total consumption	Metric tonnes of CO ₂ e
Fugitive gas (non-Kyoto) ³⁹	Kgs – HCFC22 (Freon) – South Africa	749.72	1 356.99
	Kgs – HCFC22 (Freon) – rest of Africa	3.00	5.43
	Total	752.72	1 362.42

³⁶ Employee commuting was calculated using surveys combined with assumptions based on occupancy levels during lockdown.

³⁷ Purchased electricity and LPG is for leased warehouse facilities where TFG Australia have no operational control. Electricity is for Johnny Bigg at 84 864 kWh (69.59 tCO₂e); Connor 1 at 287 723 kWh (236 tCO₂e); Connor 2 & 3 estimated at 20 000 kWh each (32.80 tCO₂e); YD at 68 703 kWh (56.34 tCO₂e) and Tarocash at 76 440 kWh (62.68 tCO₂e). LPG kWh is for Tarocash warehouse.

³⁸ Tenant electricity from the TFG-owned but not occupied building at 350 Voortrekker Road. TFG do not have operational control over this facility, thus it is Scope 3.

³⁹ The GWP for air-conditioning, fire suppressant and refrigeration gas refills are sourced from the IPCC fourth assessment report.

6.4. WATER CONSUMPTION

The incorporation of water consumption is recommended as an awareness-raising tool. Total water consumed by TFG in FY2021 was 64 190 kilolitres. Table 9 provides a breakdown of water consumption per division over 3 years (FY2019–FY2021).

Table 9: TFG'S WATER CONSUMPTION IN KILOLITRES OVER 3 YEARS (FY2018–FY2021)

Description	Division	FY2019	FY2020	FY2021	% Change
TFG Africa – municipal	South Africa DCs	4 835.72	6 395.48	9 868.21	54%
	Head offices	35 308.25	19 403.47	16 389.51	-16%
	Regional offices	1 544.00	1 168.98	1 285.36	10%
	Manufacturing	12 684.71	17 048.93	12 518.59	-27%
	Total	54 372.68	44 016.86	40 061.67	-9%
TFG Africa – borehole	South Africa DCs	N/A	4 576.00	4 167.85	-9%
	Head offices	N/A	15 341.00	6 849.43	-55%
	Total	N/A	19 917.00	11 017.28	-45%
TFG London – municipal	Facilities	4 276.00	N/R	2 172.10	N/A
	Stores	N/R	N/R	612.00	N/A
	Total	4 276.00	N/R	2 784.10	N/A
TFG Australia – municipal	Rockwear warehouse	N/R	N/R	8 349.24	N/A
	Head offices	N/R	N/R	1 978.00	N/A
	Total	N/R	N/R	10 327.24	N/A
GRAND TOTAL		58 648.68	63 933.86	64 190.29	<1%

7. ILLUSTRATED SUMMARY

7.1. OVERVIEW OF RESULTS OF EMISSIONS BY SCOPE FOR TFG IN FY2021

Table 10: SUMMARY OF TFG'S EMISSIONS BY SCOPE IN FY2021 IN TONNES OF CO₂E

Description	TFG Africa	TFG London	TFG Australia	TOTAL
Scope 1	3 664.03	86.09	0.00	3 750.11
Scope 2	166 662.60	534.45	8 665.87	175 862.92
Scope 3	56 068.89	588.58	4 558.24	61 215.71
Outside of Scopes	1 362.42	0.00	0.00	1 362.42

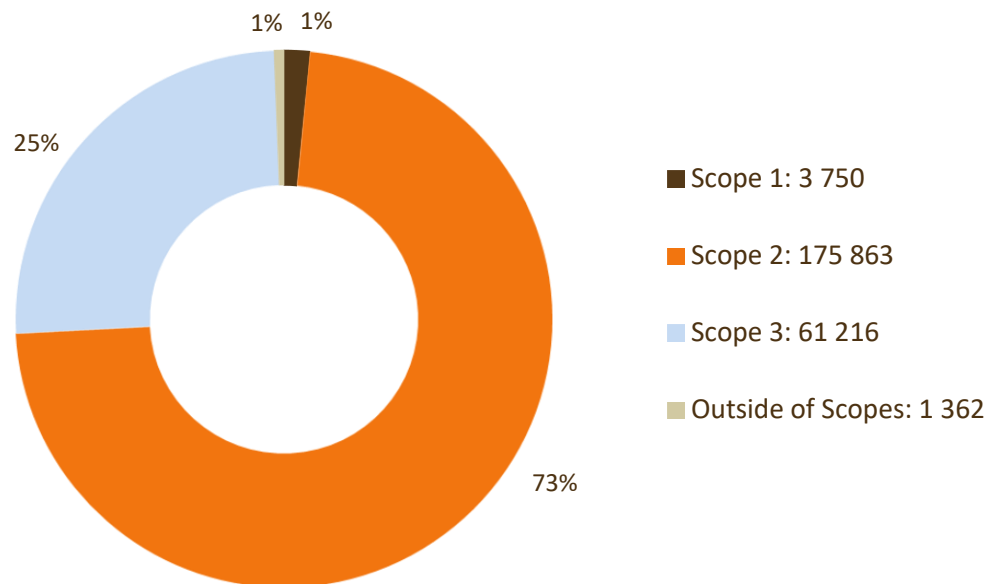
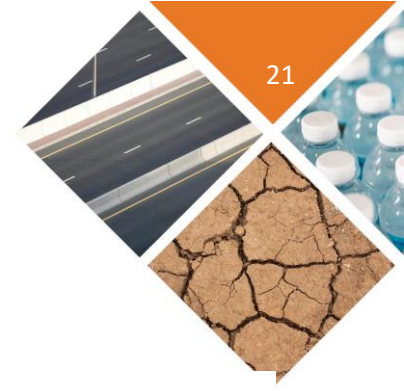


Figure 4: TFG's emissions in tonnes of CO₂e by Scope in FY2021

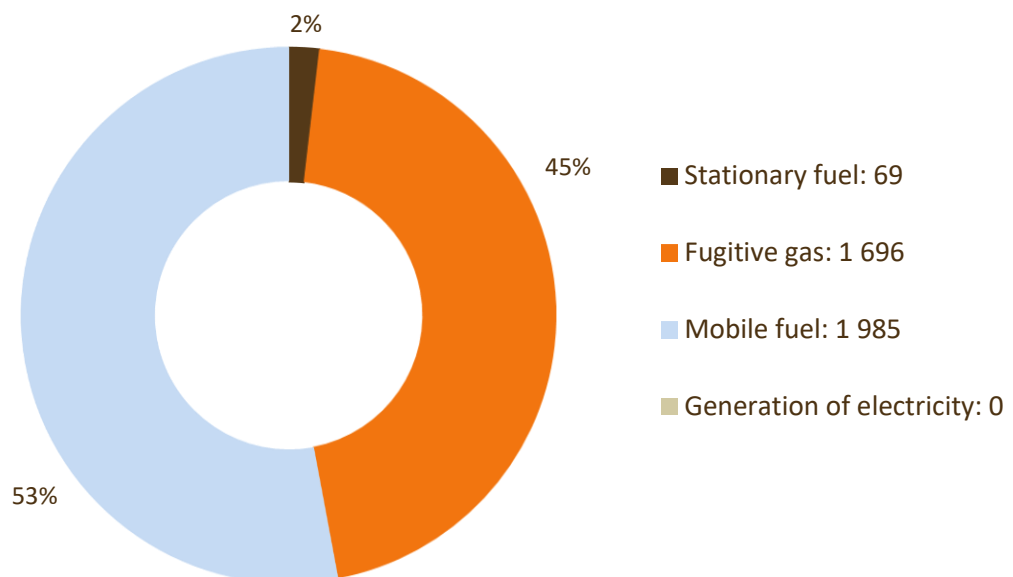


Figure 5: TFG's Scope 1 emissions in tonnes of CO₂e in FY2021

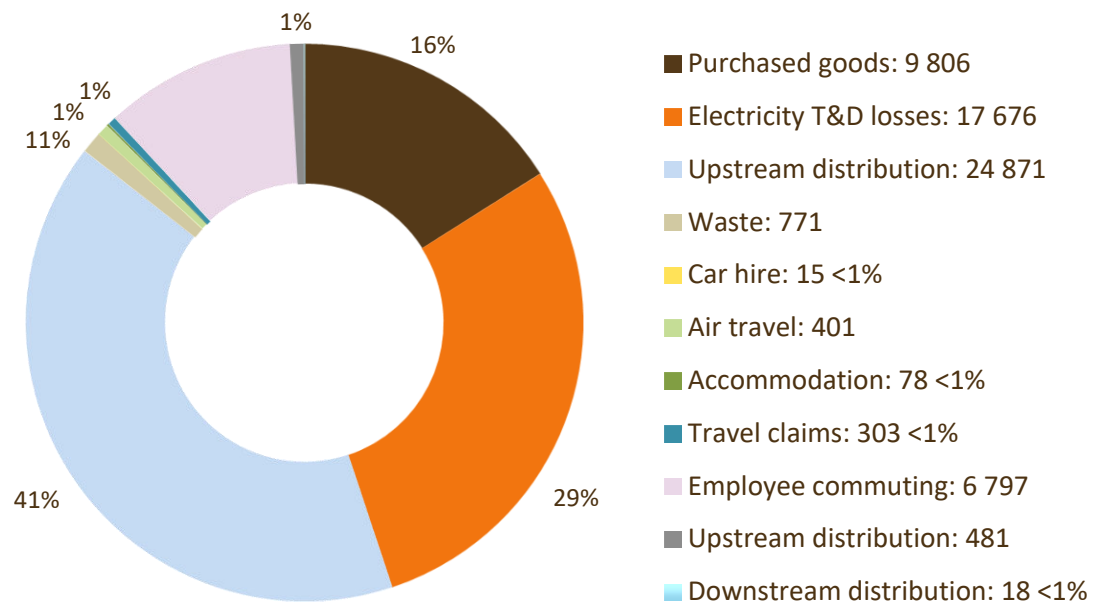
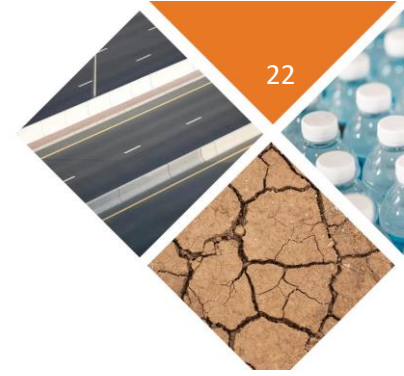


Figure 6: TFG's Scope 3 emissions in tonnes of CO₂e in FY2021

8. COMPARISON OF EMISSIONS AND INTENSITY

Table 11 provides a comparison of TFG's carbon footprint over the last three years of reporting (FY2019–FY2021)⁴⁰. As a result of the COVID-19 pandemic, it is expected that emissions would be reduced in FY2020.

Table 11: COMPARISON OF TFG'S EMISSIONS OVER 3 YEARS (FY2019–FY2021)

Description	Metric tonnes of CO ₂ e			% Change
	FY2019	FY2020	FY2021	FY20/FY21
Stationary fuel	136 ⁴¹	256	69	-73%
Fugitive gas	1 415	2 123	1 696	-20%
Mobile fuel	3 049	2 836	1 985	-30%
On-site renewable	0	0	0	0%
Total Scope 1	4 599	5 215	3 750	-28%
Total Scope 2 – purchased electricity	153 096	166 655	175 863	6%
Total Scope 1 & 2	157 695	171 870	179 613	5%
Paper products	1 554	937	855	-9%
Marketing	6 695	3 437	1 846	-46%
Packaging	4 315	4 358	7 105	63%
Losses from T&D	13 963	16 260	17 676	9%
Upstream distribution	18 220	22 908	24 871	9%
Waste	757	758	771	2%
Business travel – rental cars	39	63	15	-76%
Business travel – flights	5 228	4 743	401	-92%
Business travel – accommodation	438	235	78	-67%
Travel claims	100	50	303	506%
Employee commuting	15 318 ⁴²	21 422	6 797	-68%
Upstream leased assets	N/R	N/R	481	N/A
Downstream leased assets – tenant	14	24	18	-25%
Total Scope 3	66 643	75 193	61 216	-19%
Outside of Scopes	2 542	2 743	1 362	-50%

N/A= Not applicable N/R=Not reported

⁴⁰ Carbon data for earlier years can be viewed in previous carbon footprint reports.

⁴¹ FY2019 stationary fuel was restated in FY2020, as the diesel stored in bowsters was included as generator fuel; however it was only stored and not consumed. The emissions reduced from 208.09 to 135.76 tCO₂e.

⁴² FTE numbers for FY2019 were restated in FY2020 resulting in a restatement of commuting emissions. Emissions changed from 15 325 to 15 318 tCO₂e.

8.1. EMISSIONS INTENSITY

Table 12 provides a year-on-year comparison of TFG's company metrics over the last 3 years (FY2019–FY2021) with employees having increased due to the inclusion of Jet stores and TFG Australia, and the significant drop in EBITDA is a result of the COVID-19 pandemic.

Table 12: COMPARISON OF TFG'S METRICS AND INTENSITY OVER 3 YEARS (FY2019–FY2021)

Description	Metric tonnes of CO ₂ e			% Change
	FY2019	FY2020	FY2021	FY20/FY21 ⁴³
Total employees ⁴⁴	26 600	26 854	34 891	30%
FTEs ⁴⁵	15 744	16 200	18 708	15%
Square meterage (including stores)	1 062 075	1 011 451 ⁴⁶	1 563 860 ⁴⁷	55%
Group EBITDA ⁴⁸ (R million)	8 532	8 513	6 515	-23%
Group revenue (R million) ⁴⁹	37 128.20	38 477.50	35 585.80	-8%
Scope 1&2 tCO ₂ e/Total employees	5.931	5.152	5.148	0%
Scope 1&2 tCO ₂ e/FTE	10.021	10.609	9.601	-10%
Scope 1&2 tCO ₂ e/m ² including stores	0.148	0.170	0.115	-32%
Scope 1&2 tCO ₂ e/EBITDA (Rm)	18.483	20.188	27.570	37%
Scope 1&2 tCO ₂ e/Group revenue (Rm)	4.249	4.467	5.047	13%

⁴³ Increase in employees, FTEs and area is primarily due to the inclusion of TFG Australia in FY2021.

⁴⁴ Total employees for FY2019 and FY2020 exclude Australia as it was outside the reporting boundary.

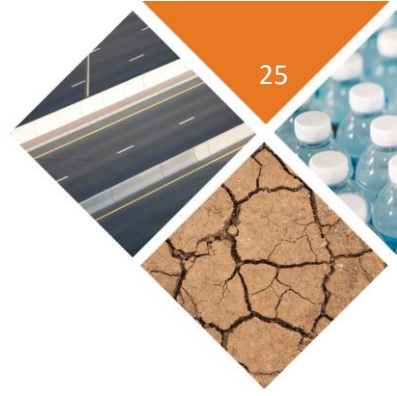
⁴⁵ FTEs for FY2019 and FY2020 exclude Australia as it was outside the reporting boundary.

⁴⁶ Area excludes all facilities within TFG London as data was not available for FY2020.

⁴⁷ Area for TFG London only includes stores and Hobbs HO (proxy) – area data for remaining TFG London facilities was not available. Increase in area primarily due to the inclusion of TFG Australia, TFG London stores and Jet stores for TFG Africa.

⁴⁸ In 2020, the accounting policy for EBITDA changed from before to after IFRS 16 EBITDA. Group EBITDA for FY2019 was restated from 5 171.9 to 8 531.8. This is for the Group – broader than the reporting boundary, which is only TFG Africa and TFG London.

⁴⁹ Group revenue replaced retail turnover as a metric in FY2021.



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