Carbon footprint summary

We look after our environment through the efficient utilisation of our resources.

inputs →

- **5 500** stores
- **50 000** employees

outputs →

- Scope 2 (electricity) is the highest contributor to total emissions. Scope 2 increased by 26% in FY19 compared to the previous year.
- Total kWh consumption increased by 14%, due to an increase in retail stores and floor space.
- Emission increases were largely impacted by an increase in Eskom's emission factor of 9% from 0.97 to 1.06.
- Total MWh equivalent is calculated at:
  Diesel: 27 042
  Petrol: 138 098
  Electricity: 251 036

FY20	tonnes CO_2e
Total carbon footprint	308 856
Total Scope 1 (fuel)	49 156
Total Scope 2 (electricity)	259 700

Scope 1: fuel 15%

85% Scope 2: electricity

Scope 1 and 2 greenhouse gas emissions were measured in accordance with the GHG Protocol

0.125 tonnes CO_2e per m^2 (FY20)

Scope 1 (fuel) emissions account for 15% of the group's total carbon footprint and are split between 34% diesel and 6% petrol consumption.

The majority of the group's inbound and outbound distribution is outsourced to third party service providers.

The group's large retail footprint accounts for its scope 2 (electricity) emissions, contributing 85% to the group's total carbon footprint.

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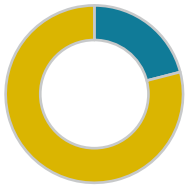
Four-year comparison

FY17	tonnes CO_2e
Total carbon footprint	269 301
Total Scope 1 (fuel)	56 441
Total Scope 2 (electricity)	212 860

21% Scope 1: fuel



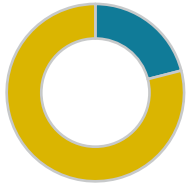
69% of revenue	**66%** of retail space	
13% of revenue	**19%** of retail space	
12% of revenue	**15%** of retail space	
6% of revenue	**0%** of retail space	

4 900 stores in total

FY18	tonnes CO_2e
Total carbon footprint	273 348
Total Scope 1 (fuel)	56 100
Total Scope 2 (electricity)	217 248

21% Scope 1: fuel

79% Scope 2: electricity



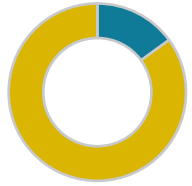
66% of revenue	**67%** of retail space	**68%** of employees
13% of revenue	**19%** of retail space	**15%** of employees
13% of revenue	**14%** of retail space	**15%** of employees
8% of revenue	**0%** of retail space	**2%** of employees

5 236 stores in total

FY19	tonnes CO_2e
Total carbon footprint	321 660
Total Scope 1 (fuel)	48 041
Total Scope 2 (electricity)	273 619

15% Scope 1: fuel

85% Scope 2: electricity



65% of revenue	**70%** of retail space	**68%** of employees
13% of revenue	**18%** of retail space	**19%** of employees
12% of revenue	**12%** of retail space	**12%** of employees
10% of revenue	**0%** of retail space	**1%** of employees

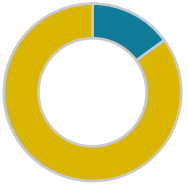
5 415 stores in total

Total MWh equivalent is calculated at:
Diesel: 27 706
Petrol: 148 573
Electricity: 261 382

FY20	tonnes CO_2e
Total carbon footprint	308 856
Total Scope 1 (fuel)	49 156
Total Scope 2 (electricity)	259 700

15% Scope 1: fuel

85% Scope 2: electricity



65% of revenue	**82%** of retail space	**71%** of employees
13% of revenue	**16%** of retail space	**11%** of employees
10% of revenue	**2%** of retail space	**11%** of employees
12% of revenue	**0%** of retail space	**0.05%** of employees

5 500 stores in total

Total MWh equivalent is calculated at:
Diesel: 27 042
Petrol: 138 098
Electricity: 251 036

NOTE: Building Materials is a discontinued operation

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Scope and methodology

- The financial control approach was used to consolidate all emissions within the specified boundary.
- Scope 1 and Scope 2 greenhouse gas emissions were measured in accordance with the GHG Protocol (WRI & WBCSD, 2004); Emissions from non-Kyoto gases (such as Freon/R22) were measured and classified as Out of Scope: Product Use Emissions.; Scope 3 emissions were not included in this assessment.
- All emission factors used were from DEFRA UK Government GHG Conversion Factors for Company Reporting (2019) unless otherwise stated.
- Global warming potentials (GWP) were in accordance with the IPCC AR4 (2007) GWPs 100-year values.
- Scope 2 emissions were calculated and reported using both the location-based and market-based methods. This is in accordance with GHG Protocol Corporate Standard's "Scope 2 Guidance" (January 2015).
- All electricity consumed is purchased from the grid of the relevant country that stores or offices are located in.
- Electricity grid emission factor for South Africa of 1,06 kg CO_2e/kWh was applied, Eskom (2019). Scope 2 emissions were calculated using the location-based method for South African grid-connected electricity. All non-SA emission factors applied:
- Institute for Global Environmental Strategies (2019). List of Grid Emission Factors, version 10.7
- CDM project averages for countries that were available, this was utilised. The alternative of UN Framework Convention on Climate Change - Standardize baseline Grid emission factor for Southern African Power Pool was used (Botswana, Swaziland, Zimbabwe, Malawi).

The following grid emission factors were used:

- **South Africa**: 0.97 kg CO_2e/kWh was applied, Eskom (2018). Scope 2 emissions were calculated using the location-based method for South African grid-connected electricity. All non-SA emission factors applied.
- **Botswana**: Ecometrica, Technical Paper for Electricity Specific Emission Factors (2011)
- **Swaziland**: GES_GRID_EF_v10.3_20180831
- **Lesotho**: IGES_GRID_EF_v10.3_20180831
- **Namibia**: Ecometrica, Technical Paper for Electricity Specific Emission Factors (2011)
- **Zimbabwe**: Ecometrica, Technical Paper for Electricity Specific Emission Factors (2011)
- **Angola**: Ecometrica, Technical Paper for Electricity Specific Emission Factors (2011)
- **Malawi**: http://www.gh.undp.org/content/dam/ghana/docs/Doc/Susdev/UNDP_GH_SUSDEV_2010GHGinventory_PDF.pdf
- **Mozambique**: Ecometrica, Technical Paper for Electricity Specific Emission Factors (2011)
- **Nigeria**: Ecometrica, Technical Paper for Electricity Specific Emission Factors (2011)
- **Uganda**: IGES_GRID_EF_v10.3_20180831
- **Zambia**: Ecometrica, Technical Paper for Electricity Specific Emission Factors (2011)