

Carbon Footprint 2020/21

Scope 1	Market-based emissions (tCO ₂ e)	Location-based emissions (tCO ₂ e)
Natural Gas	2,322	2,322
Fuel for transport	77,155	77,155

Scope 2	Market-based emissions (tCO ₂ e)	Location-based emissions (tCO ₂ e)
Electricity	0 ¹	112,777

TOTAL	79,477 tCO₂e	192,254 tCO₂e
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Refrigerant gas usage	15,400 tCO ₂ e
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¹ We buy 100% of our electricity from renewable sources, using Green certificates to purchase electricity generated by wind and hydro assets matched to Renewable Energy Guarantees of Origin.

Scope 3 Category	Total Emissions (tCO ₂ e)	% of Scope 3
1a: Purchased goods and services (product)	3,197,630	74%
1b: Purchased goods and services (non-product)	61,774	1%
2: Capital goods	20,501	0%
3: Fuel and energy related services	45,416	1%
4: Upstream transportation and distribution	400,196	9%
5: Waste generated in operations	1,478	0%
6: Business travel	47	0%
7: Employee commuting	14,147	0%
8: Upstream leased assets	-	-
9: Downstream transportation and distribution	371	0%
10: Processing of sold products	-	-
11a: Use of sold products (direct)	6,016	0%
11b: Use of sold products (indirect)	545,608	13%
12: End-of-life treatment of sold products	44,377	1%
13: Downstream leased assets	-	-
14: Franchises	150	0%
15: Investments	10,829	0%
Total scope 3 emissions (tCO₂e)	4,348,541	
Total scope 1, 2, and 3 emissions – market-based (tCO₂e) including refrigerant gas	4,557,002	
Total scope 1, 2, and 3 emissions – location-based (tCO₂e) including refrigerant gas	4,443,418	

³ We buy 100% of our electricity from renewable sources, using Green certificates to purchase electricity generated by wind and hydro assets matched to Renewable Energy Guarantees of Origin.



Methodology

The data outlined within this report covers UK Iceland stores, the Food Warehouse stores, depots and operations, for the full financial year 2020/21 (28th March 2020 to 26th March 2021 inclusive). Emissions have been calculated for the total tonnes of CO2 emissions.

We measure and report on carbon emissions using the Greenhouse Gas Protocol.



Scope 1 and 2

Includes all emission from scope 1 and 2, this data is checked and verified by Schneider Electric who use the UK Government Greenhouse Gas Conversion factors. Scope 1 includes all direct emissions from our own or controlled sources using the market-based method. Scope 2 relates to indirect emissions from the generation of purchased electricity.



Refrigerant gases

Data is recorded in our maintenance system. Outlining the nature of the work, type of gas and volume of gas.



Scope 3

Data was provided by Iceland to The Carbon Trust, which calculated the scope 3 emissions according to methods compliant with with the GHG scope 3 protocol.