

2030 SCIENCE-BASED TARGET

We are working to reduce our carbon footprint in line with science to avoid the worst impacts of climate change.

We do this by analyzing and prioritizing the sources of GHG emissions across our value chain and by partnering with stakeholders to drive down those emissions.

As of 2022, we reduced our emissions across Scopes 1, 2 and 3 by 7%,¹ making progress toward our science-based reduction target of 25% by 2030 against a 2015 baseline¹. Our ambition is to achieve net zero emissions by 2050. Several of our bottling partners have announced their own science-based targets and net zero pledges to drive climate action across the global Coca-Cola system.

In 2022, our scope 1 emissions were 4.4 million metric tons, scope 2 emissions were 3.5 million metric tons² and scope 3 emissions were 57.0 million metric tons.

Networks Support Our Net Zero Journey

We are part of a number of business networks that are supporting our journey to net zero. As a member of the WWF Climate Business Network, we share best practices to drive collective ambition and scale action together. Participation in the Clean Energy Buyers Association (CEBA) allows us to help deploy market and policy solutions toward a carbon-free energy system. Membership in Ceres’ Company Network has helped to identify opportunities to drive further progress toward net zero emissions.

Our Carbon Footprint and the Actions We Are Taking



PACKAGING 30-35%

A circular economy helps reduce GHG emissions. We are incorporating more recycled material, lightweighting our packaging, investing in recycling infrastructure and using more reusable packaging. In 2023, we are building our capabilities in life cycle assessment (LCA) to further drive synergies between our work on [packaging](#) and climate.



INGREDIENTS 10-15%

We work with our agricultural suppliers to increase energy efficiency and realize carbon sequestration benefits from Nature-Based Solutions (NBS). We also work with leading sustainable sourcing schemes to quantify the impact of sustainable sourcing on emissions reduction. See [Sustainable Agriculture](#) for more.



MANUFACTURING & OTHER FACILITIES 10-15%

We provide system guidance to improve energy efficiency and increase the generation and purchase of renewable energy. In 2022, there has been new renewable energy generation at system bottling plants in Europe, Latin America, the Philippines, India and the Middle East.



DISTRIBUTION 5-10%

We’re working to increase fuel efficiency and the use of hybrid and electric vehicles across the system. Coca-Cola Europacific Partners (CCEP) increased their use of hybrid and electric cars and vans in Europe from 12% in 2021 to 20% in 2022 and introduced 30 electric trucks to make last mile deliveries to customers in Belgium, covering approximately 40% of the country’s local delivery routes.



REFRIGERATION 30-35%

We are continuing to replace older equipment with hydrofluorocarbon (HFC)-free and more energy-efficient coolers. In 2022, 88% of all new coolers placed were HFC-free. This is an increase from 61% of coolers placed in 2016.

The Coca-Cola System’s Emission Percentages by Scope in 2022

SCOPE 1 DIRECT EMISSIONS

7%



Fossil fuels



Fleet vehicles

SCOPE 2 INDIRECT EMISSIONS

5%



Electricity



Heat and steam

SCOPE 3 UPSTREAM AND DOWNSTREAM SOURCES

88%



Purchased goods and services



Business travel



Downstream transportation and distribution



Processing of sold products

CLIMATE CHANGE GOVERNANCE

The [Corporate Governance and Sustainability Committee](#) of our Board of Directors oversees climate-related issues. The Committee assists our Board in overseeing the company’s environmental, social, legislative, regulatory and public policy matters, including progress against our science-based emissions reduction target. The committee reports regularly to the full Board on these and other matters.

To learn more about our governance structure, see the [Governance](#) section. For more on climate-related governance, see our [CDP 2022 Climate Change response](#), Section C1.

¹ This figure was calculated using the market-based emissions method and therefore includes purchased renewable electricity as part of the system’s overall emissions reduction. For exclusions, please see the criteria statement in the [Independent Accountant’s Review Report](#).
² This figure was calculated using the market-based emissions method and therefore includes purchased renewable electricity.

GREENHOUSE GAS EMISSIONS & WASTE

Year ended December 31,	2014	2015	2016	2017	2018	2019	2020	2021	2022
● Reduce our absolute emissions by 25% by 2030 against a 2015 baseline									7%
● GHG Emissions¹									
Direct, from manufacturing sites (metric tons) (in millions)	1.7	1.7	1.6	1.78	1.79	1.83	1.49	1.61	1.65
Indirect, from electricity purchased and consumed (without energy trading) at manufacturing sites (metric tons) (in millions)	3.6	3.8	3.8	3.76	3.76	3.73	3.75	3.88	3.91
Indirect, from electricity purchased and consumed (without energy trading) at manufacturing sites (using GHG protocol market-based method) ² (metric tons) (in millions)				3.44	3.35	3.88	3.28	3.56	3.33
Total, from manufacturing sites (metric tons) (in millions)	5.55	5.58	5.45	5.54	5.55	5.56	5.24	5.49	5.56
Total, from manufacturing sites (using GHG protocol market-based method) ² (in millions)				5.22	5.14	5.71	4.77	5.18	4.97
Emissions Ratio (gCO ₂ /L)	36.89	36.23	35.29	33.96	34.83	34.74	33.96	33.33	28.85
Business & Sustainability Report and CDP Manufacturing Emissions Reconciliation									
● Reported Manufacturing Emissions in Business & Sustainability Report (millions of MT CO₂e)-TCCS Reporting Entity³									
Scope 1 emissions per Business & Sustainability Report								1.61	1.65
Scope 2 emissions per Business & Sustainability Report								3.88	3.91
Total manufacturing emissions per Business & Sustainability Report								5.49	5.56
● Reported Manufacturing Emissions in CDP (MT CO₂e)-TCCC Reporting Entity^{3, 4}									
Scope 1-Manufacturing per CDP C7.3c								325,833	304,144
Scope 2 (location-based)-Manufacturing per CDP C6.3								869,832	890,400
Scope 3-Franchises per CDP C6.5								4,299,247	4,363,071
Total manufacturing emissions per CDP								5,494,912	5,577,615
Total manufacturing emissions per CDP (in millions)								5.49	5.56
Energy Use⁵									
Total Energy Use (megajoules) (in millions)	61,764.0	61,037.4	61,558.7	59,070.9	61,464.0	62,419.9	58,888.1	63,735.8	65,389 ●
						11,758.9	10,985.2	12,731.5	10,680 ●
Percentage renewable (electricity)						15%	17%	12%	21% ●
Energy Use Ratio (megajoules per liter of product)	0.42	0.41	0.40	0.40	0.39	0.39	0.38	0.39	0.38 ●
						0.54	0.58	0.61	0.57 ●

● The Coca-Cola Company ● Coca-Cola System

1 The direct, Scope 1 and indirect Scope 1 manufacturing emissions results shown in this section exclude fugitive emissions and flavor manufacturing plants. However, for the system-wide GHG results reported, these emissions sources are included.

2 This metric accounts for renewable energy usage.

3 The GHG emissions reported in the Business & Sustainability report represent the Coca-Cola system’s manufacturing emissions, which include emissions from activities which are under the Company’s operational control and activities that are related to Coca-Cola brands that are under direct control of franchise bottlers. Our CDP reporting is aligned with an operational control approach as defined by the GHG Protocol, which includes only emissions from activities within The Coca-Cola Company’s operational control as Scope 1 and 2 emissions, while manufacturing emissions from franchise bottlers are categorized as “Scope 3- Franchises”.

4 The below emissions figures will be reported in the Company’s forthcoming 2023 CDP Climate Change response.

5 Systemwide total based on estimated total use.

Note: Due to joint venture or merger and acquisition activities, certain brands may not be accounted for in The Coca-Cola Company-specific metrics included on this page.