

GHG emissions data

According to the GHG Protocol

Emission category		Scope	All GHG (tCO ₂ e)	CO ₂ (tCO ₂ e)	CH ₄ (tCO ₂ e)	N ₂ O (tCO ₂ e)	SF ₆ (tCO ₂ e)	NF ₃ (tCO ₂ e)	HFCs (tCO ₂ e)	PFCs (tCO ₂ e)	CO ₂ e* (tCO ₂ e)
1	Scope 1 - Direct Emissions from operations	Scope 1	45.85	36.83	0.06	0.02	0.00	0.00	8.94	0.00	0.00
1.1	Stationary combustion	Scope 1	36.90	36.83	0.06	0.02					
1.2	Mobile combustion	Scope 1									
1.3	Process emissions	Scope 1									
1.4	Fugitive emissions	Scope 1	8.94	0.00	0.00	0.00	0.00	0.00	8.94	0.00	0.00
2	Scope 2 - Indirect emissions from the use of purchased electricity, steam, heating, and cooling	Scope 2	0.00	0.00							
2.1	Purchased electricity	Scope 2	0.00	0.00							
	market based	Scope 2	30.19	30.19							
	location based	Scope 2									
2.2	Purchased steam, heating, cooling	Scope 2									
3	Scope 3 - Indirect emission in the value chain	Scope 3	6,359.81	356.42	43.10	12.84	2.63		8.07	0.99	5,935.75
	Upstream	Scope 3									
3.1	Purchased goods and services	Scope 3	391.59	297.84	43.02	12.50	2.63		8.07	0.99	26.53
3.2	Capital goods	Scope 3	5,821.28								5,821.28
3.3	Fuel- and energy-related activities	Scope 3	6.10	0.00							6.10
3.4	Upstream transportation and distribution	Scope 3	24.44								24.44
3.5	Waste generated in operations	Scope 3	0.14								0.14
3.6	Business travel	Scope 3	32.39	25.80	0.01	0.13					6.45
3.7	Employee commuting	Scope 3	83.88	32.78	0.07	0.20					50.83
3.8	Upstream leased assets (as lessee)	Scope 3									
	Downstream	Scope 3	1,257.35								1,257.35
3.9	Downstream transportation and distribution	Scope 3									
3.10	Processing of sold products	Scope 3									
3.11	Use of sold products	Scope 3									
3.12	End-of-life treatment of sold products	Scope 3	1.48								1.48
3.13	Downstream leased assets (as lessor)	Scope 3	1,255.87								1,255.87
3.14	Franchises	Scope 3									
3.15	Investments	Scope 3									
Total GHG emissions			7,663.01	393.25	43.16	12.86	2.63	0.00	17.01	0.99	7,193.10

* this column contains all entries for which a further split in greenhouse gasses is not known

This table was constructed following the Greenhouse Gas Protocol reporting standards

The total emissions in this report include electricity emissions using the market-based method.

Travel emissions in this report include the effects of radiative forcing for aviation.

Out-of-scope emissions data

According to the GHG Protocol

Emission category		Other (tCO ₂ e)	Biogenic CO ₂ (tCO ₂ e)
1	Scope 1 - Direct Emissions from operations		
1.1	Stationary combustion		
1.2	Mobile combustion		
1.3	Process emissions		
1.4	Fugitive emissions		
2	Scope 2 - Indirect emissions from the use of purchased electricity, steam, heating, and cooling		
2.1	Purchased electricity market based location based		
2.2	Purchased steam, heating, cooling		
3	Scope 3 - Indirect emission in the value chain	0.02	0.00
	Upstream		
3.1	Purchased goods and services	0.02	0.00
3.2	Capital goods		
3.3	Fuel- and energy-related activities		
3.4	Upstream transportation and distribution		
3.5	Waste generated in operations		
3.6	Business travel		
3.7	Employee commuting		
3.8	Upstream leased assets (as lessee)		
	Downstream		
3.9	Downstream transportation and distribution		
3.10	Processing of sold products		
3.11	Use of sold products		
3.12	End-of-life treatment of sold products		
3.13	Downstream leased assets (as lessor)		
3.14	Franchises		
3.15	Investments		
Total out-of-scope emissions		0.02	0.00

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Travel emissions in this report include the effects of radiative forcing for aviation.