

Greenhouse gas ('GHG') emissions

Reducing our environmental impact and helping to decarbonise society is an integral part of Vodafone's purpose. This year, the need for a green digital transition became ever-more urgent, as the global climate and energy crises deepened.

We recognise the urgent need to play our part in addressing the global climate crisis. The ICT sector is responsible for an estimated 1.8% to 2.8% of global greenhouse gas emissions. As we move towards an ever-more digital society, with increasing volumes of internet use and mobile data traffic, we are committed to driving down our emissions in absolute terms, in line with what current science indicates to avoid dangerous climate change.

Scope 1 GHG emissions^{1,2}

Link to reporting methodology					
million tonnes CO2e	2019	2020	2021	2022	2023
Diesel and petrol	0.16	0.18	0.19	0.19	0.20
Transport (fleet)	0.07	0.06	0.03	0.04	0.04
Refrigerant gases	0.04	0.06	0.07	0.04	0.03
Natural gas and other fuels	0.01	0.01	0.01	0.01	0.01
Total Scope 1 GHG emissions	0.28	0.32	0.30	0.28	0.28

Toolboxing the disposal of Hungary and Ghana during the year (see Reporting critaria scope for more details) data for these entities are included for 10 months and 11 months respectively. We will amend our baseline data for both fease disposals in FY.
2. FY23 includes data salaring to Vistage Toward for which these was a change of control during the year (see Reporting orber's scope). We will amend our baseline data for this change in control whose appropriate in FY24.

Scope 1 and 2 GHG emissions

Link to reporting methodology					
million tonnes CO₂e	2019	2020	2021	2022	2023
Market-based method					
Scope 1 GHG emissions^	0.28	0.32	0.30	0.28	0.28
Scope 2 GHG emissions (market-based method) ^A	1.90	1.69	1.12	0.80	0.69
Total Scope 1 and Scope 2 GHG emissions (market-based method) ^{A3,4,5}	2.18	2.01	1.42	1.08	0.97
of which: Germany Scope 1 and Scope 2 GHG emissions (market-based method)	0.51	0.27	0.02	0.02	0.02
of which: Italy Scope 1 and Scope 2 GHG emissions (market-based method)	0.17	0.06	0.04	0.01	0.01
of which: UK Scope 1 and Scope 2 GHG emissions (market-based method) ⁵	0.15	0.09	0.06	0.02	0.01
of which: Spain Scope 1 and Scope 2 GHG emissions (market-based method)	0.23	0.12	0.00	0.00	0.01
method) ^{5,6}	0.56	0.67	0.70	0.72	0.60
Location-based method					
Scope 1 GHG emissions^	0.28	0.32	0.30	0.28	0.28
Scope 2 GHG emissions^	2.24	2.21	2.07	1.99	2.08
Total Scope 1 and Scope 2 GHG emissions (location-based method) ^{A,4,5,7}	2.52	2.53	2.38	2.27	2.37

Notes:
3. Following the disposal of Hungary and Chains during the year (size Reporting crimeria scope for more details) datal for these entities is included for 10 months and 11 months respectively. We will amend our baseline data for both these disposals in PY24.

5. FYZ2 Scope 2 emissions (location and market-based) have been restated following the correction or inclusion of data points in line with our reporting methodology. In addition, FYZ2 Scope 2 market in line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology. In addition, FYZ2 Scope 2 market line with our reporting methodology.

as 0.00 million birms CU_) have been resistated to upply the correct the market-based emissions factor.

6. Following the transported or Egypt during the year (see Regioning criteria society) PV23 date for Volaciona Glouge excludes Egypt. We will amend our baseline data for this transfer in FV24.

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IEA factor been applied in FY23, the emissions for South Africa would have been 0.46 million tornes of CO2. We will amend our baseline data in 2024.

^2023 and 2022 Assured by KPMG LLP. See 'Assurance' sheet for further information on 2023 and see our 2022 ESG Addendum investors, redations, comisso for information on assurance for 2022.

Scope 3 GHG emissions^{8,9}

2019	2020	2021	2022	2023
4.00	3.71	3.99	3.90	2.73
				1.97
0.66	0.69	0.61	0.81	0.78
				0.22
0.00	0.00	0.00	0.00	0.00
0.06	0.05	0.00	0.01	0.03
0.06	0.05	0.00	0.01	0.01
			0.00	0.02
			0.06	0.03
0.05	0.05	0.06	0.06	0.11
2.14	2.10	1.55	1.73	1.10
			0.00	0.00
				0.09
1.32	2.81	3.18	3.04	3.03
8.23	9.41	9.39	9.60	10.10
	4.00 0.66 0.00 0.06 0.06 2.14 1.32	400 371	400 371 3.99	400 371 399 300

8. Following the disposal of Hungary and Chara during the year (see Reporting criteria scope for more details) data for bease ertities are included for 10 months and 11 months respectively. We will amend our baseline data for both these dispose 2. Categories with a 0.00 figure are those where data has been collected in accordance with our Reporting methodology. For other categories reporting was introduced in FV22 or FV23, information prior to this is not available, please make to our Reporting

mathodology for information on our approach to expering of these emissions.

10. Data for capital goods is exported combined with purchased goods and services from 2019 to 2022. This data is disaggregated into separate categories from 2023 createds.

11. Data for transposition and filtritration is secretary combined emission provided and provide set secretary combined and provided and provide set secretary.

11. Data for transportation and distribution is reported combined with purchased goods and services from 2019 to 2022. This date is disagrayaped into separate categories from 2023 onwards.

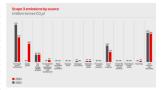
12. Category 15 emissions have been restated for 2019 to 2022 due to an update in calculation methodology to exclude estimated Scope 3 date in line with guidance provided in the CHC Protocol and for

12. Category 15 emissions have been restated for 2019 to 2022 due to an update in calculation methodology to exclude estimated Scope 3 data in fine with guidance provided in the CHQ Protocol and for the correction of underlying energy data used to estimate the emissions of our associate company. Voidings label associated company. Voidings label associated from 2019 to 2022 due to an update in calculation methodology to exclude entire associated company. Voidings label associated from 2019 to 2019









Emissions across our value chain

0.32		0.28	0.28
1.69			
	1.12	0.80	0.69
9.41	9.39	9.60	10.10
11.42	10.81	10.68	11.06
for	11.42		11.42 10.81 10.68

Percentage (%)	2019	2020	2021	2022	2023
Total Scope 1 emissions ¹⁴	3%	3%	3%	3%	3%
Total Scope 2 emissions (market-based method) ¹⁴	18%	15%	10%	7%	6%
Total Scope 3 emissions ¹⁴	79%	82%	87%	90%	91%
of which: Purchased goods and services	49%	39%	42%	41%	27%
of which: Joint ventures and Associates	16%	30%	34%	32%	30%
of which: Use of sold products	26%	22%	17%	18%	11%
of which: Other	9%	8%	7%	10%	32%

Notes:
14. The contributions of Scope 1, 2 and 3 emissions as a percentage of the total CHG emissions of the Croup has been reculculated, following the changes applied to underlying data as explained in the tables also

Carbon enablement

	2019	2020	2021	2022	2023
Total emissions avoided as a consequence of green digital solutions (million tonnes CI	5.9	6.9	6.2	15.6	24.9
Scope 1 and Scope 2 emissions (market-based method) (million tonnes of CO ₂ e) ^A	2.18	2.01	1.42	1.08	0.97
Ratio of GHG emissions savings for customers to our own emissions GHG footprint					
('Enablement ratio')	2.7 x	3.4 x	4.4 x	14.5 x	25.7 x

15. Changes to previously reported data relates to the correction or inclusion of data points in line with our reporting methodology.

