

# 2022 SBTi Greenhouse Gas Inventory

### 2022 Greenhouse Gas (GHG) Inventory

Scope	Activity Type	Year					% Change from Baseline Year (2018)	Change from Previous Year (2021)	% Change from Previous Year (2021)	
		2018	2019	2020	2021	2022				
		Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	%	Tonnes CO <sub>2</sub> e	%	
Scope 1	Stationary combustion	10.36	10.68	11.38	6.23	5.89	-43.1%	-0.33	-5.4%	
	Mobile combustion	71.58	74.21	38.01	45.22	19.23	-73.1%	-25.99	-57.5%	
	Fugitive emissions from air-conditioning									
	Other fugitive or process emissions									
	<b>Total Scope 1</b>		<b>81.93</b>	<b>84.89</b>	<b>49.39</b>	<b>51.44</b>	<b>25.12</b>	<b>-69.3%</b>	<b>-26.33</b>	<b>-51.2%</b>
Scope 2	Purchased electricity - location based	115.79	109.28	81.34	77.28	80.12	-30.8%	2.85	3.7%	
	Purchased electricity - market based	115.79	109.28	81.34	77.28	80.12	-30.8%	2.85	3.7%	
	Purchased heat and steam		N/A	N/A	N/A	N/A				
	<b>Total Scope 2 - Location based + heat and steam</b>		<b>115.79</b>	<b>109.28</b>	<b>81.34</b>	<b>77.28</b>	<b>80.12</b>	<b>-30.8%</b>	<b>2.85</b>	<b>3.7%</b>
	<b>Total Scope 2 - market based + heat and steam</b>		<b>115.79</b>	<b>109.28</b>	<b>81.34</b>	<b>77.28</b>	<b>80.12</b>	<b>-30.8%</b>	<b>2.85</b>	<b>3.7%</b>
	<b>Total Scope 1 &amp; 2 (Location Based)</b>	<b>197.72</b>	<b>194.17</b>	<b>130.73</b>	<b>128.72</b>	<b>105.24</b>	<b>-46.8%</b>	<b>-23.48</b>	<b>-18.2%</b>	
	<b>Total Scope 1 &amp; 2 (Market Based)</b>	<b>197.72</b>	<b>194.17</b>	<b>130.73</b>	<b>128.72</b>	<b>105.24</b>	<b>-46.8%</b>	<b>-23.48</b>	<b>-18.2%</b>	
Scope 3	Cat 1: Purchased goods and services	3116.79	2260.11	1862.36	2694.07	3071.46	-1.5%	377.40	14.0%	
	Cat 2: Capital goods	90.22	148.63	9.52	119.47	85.33	-5.4%	-34.15	-28.6%	
	Cat 3: Fuel-and energy-related activities (not included in scope 1 or scope 2)	89.05	72.35	49.17	80.88	88.69	-0.4%	7.80	9.6%	
	Cat 3A. Upstream emissions of purchased fuels	76.04	59.93	39.56	39.92	29.73	-60.9%	-10.20	-25.5%	
	Cat 3B. Upstream emissions of purchased electricity	3.14	3.15	2.61	34.12	48.96	1460.2%	14.84	43.5%	
	Cat 3C. Transmission and distribution (T&D) losses	9.87	9.28	7.00	6.84	10.00	1.3%	3.16	46.2%	

Note 1

Note 2

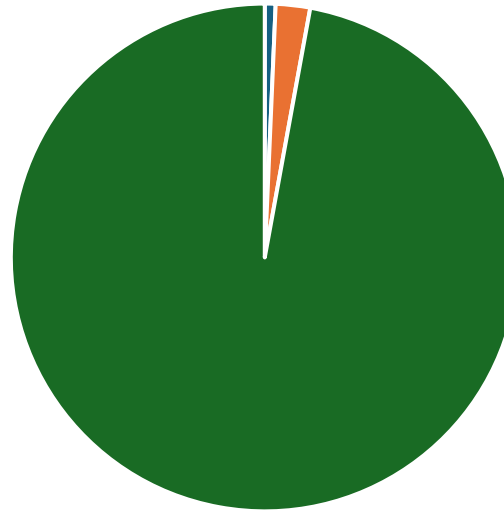
Note 2

Scope	Activity Type	Year					% Change from Baseline Year (2018)	Change from Previous Year (2021)	% Change from Previous Year (2021)
		2018	2019	2020	2021	2022			
		Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	Tonnes CO <sub>2</sub> e	%	Tonnes CO <sub>2</sub> e	%
	Cat 3D: Generation of purchased electricity that is sold to end users	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Cat 4: Upstream transportation and distribution	68.60	63.36	38.67	53.85	90.48	31.9%	36.63	68.0%
	Cat 5: Waste generated in operations	25.09	21.33	20.57	19.10	21.26	-15.3%	2.16	11.3%
	Cat 6: Business travel	110.61	44.63	7.83	12.79	17.90	-83.8%	5.12	40.0%
	Cat 7: Employee commuting	139.44	115.02	104.73	92.57	73.89	-47.0%	-18.68	-20.2%
	Cat 8: Upstream leased assets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Cat 9: Downstream transportation and distribution	83.36	84.87	85.17	86.73	98.98	18.7%	12.25	14.1%
	Cat 10: Processing of sold products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Cat 11: Use of sold products	9.33	12.54	9.09	9.38	9.20	-1.4%	-0.18	-1.9%
	Cat 12: End-of-life treatment of sold products	0.29	0.31	0.23	0.22	0.30	4.0%	0.08	35.0%
	Cat 13: Downstream leased assets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Cat 14: Franchises	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Cat 15: Investments	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Total Scope 3</b>	<b>3732.77</b>	<b>2823.15</b>	<b>2187.34</b>	<b>3169.06</b>	<b>3557.49</b>	<b>-4.7%</b>	<b>388.4</b>	<b>12.3%</b>

Note 1: Commenced transition of company car fleet to EV only

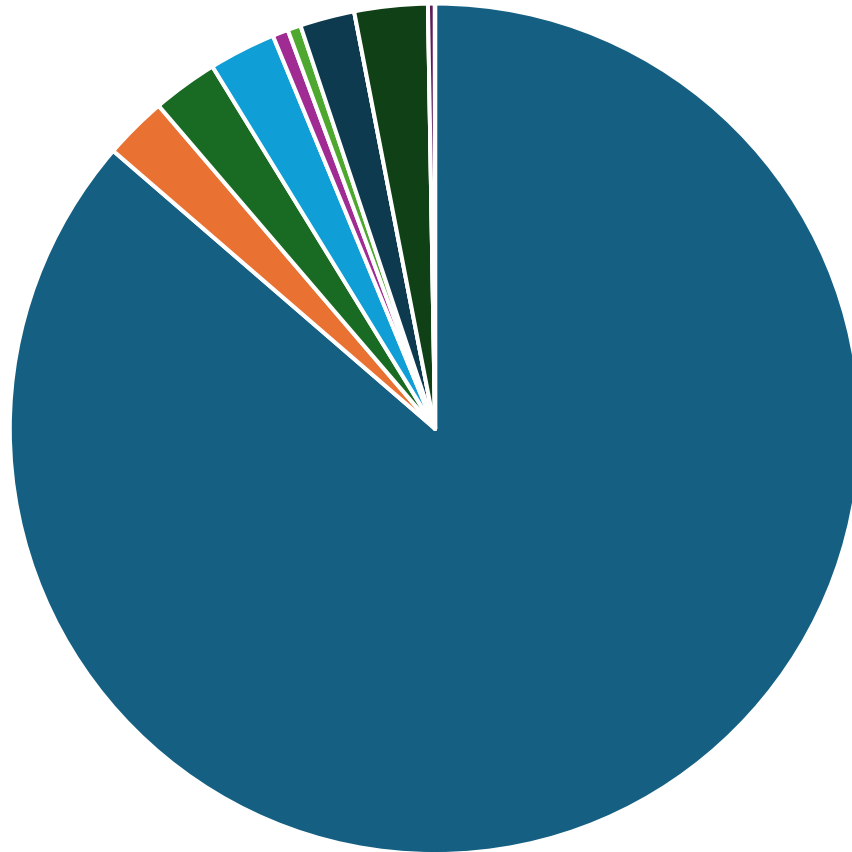
Note 2: Significantly increased Czech emission factor

### 2022 - Emissions by Scope Tonnes CO<sub>2</sub>e

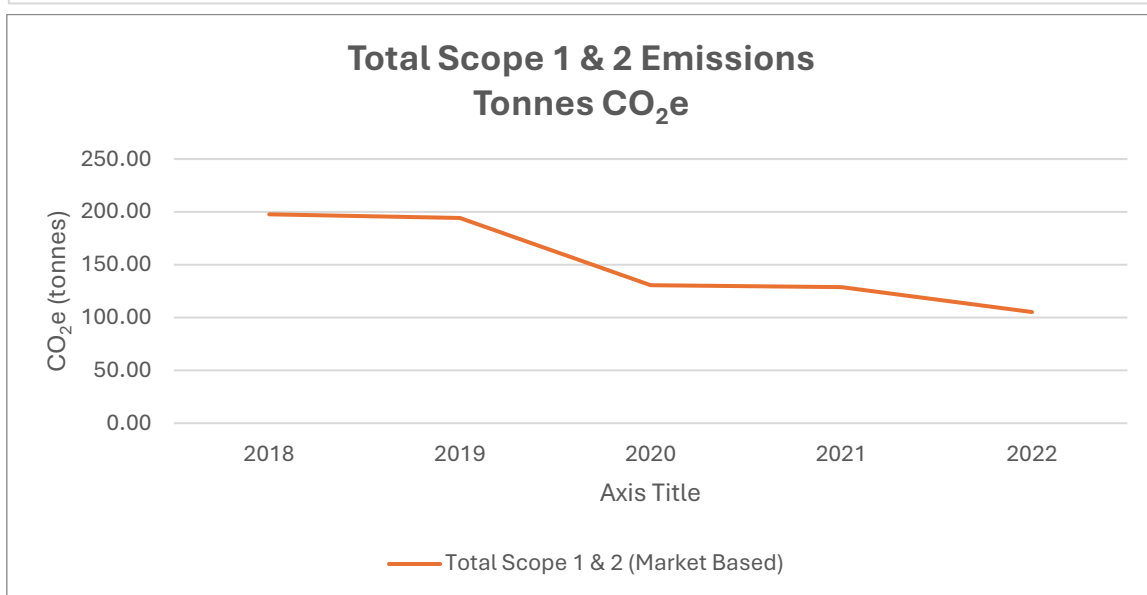
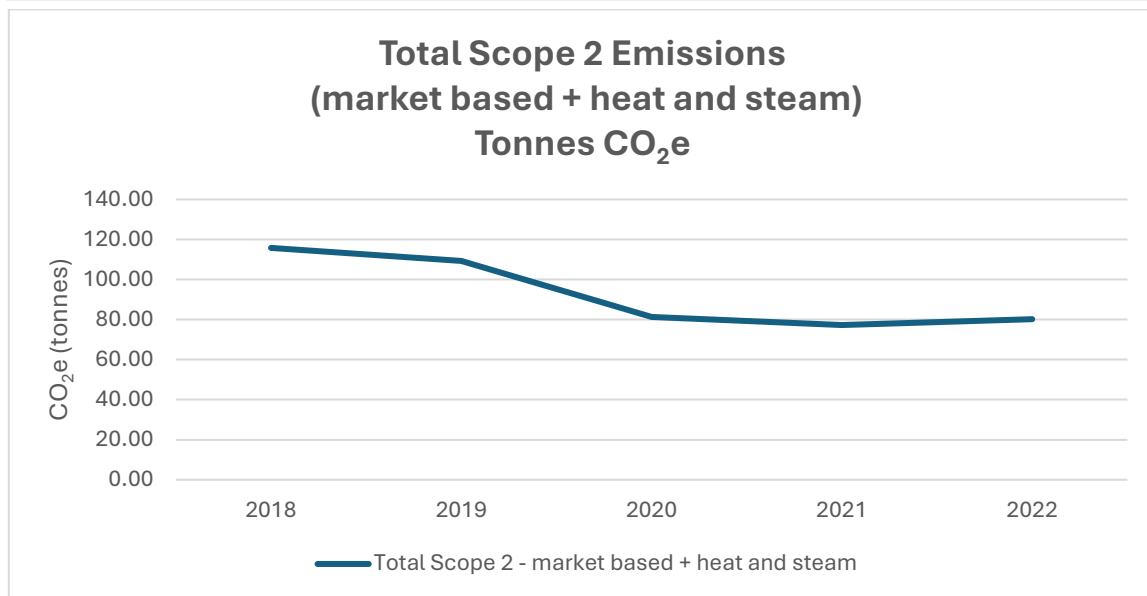
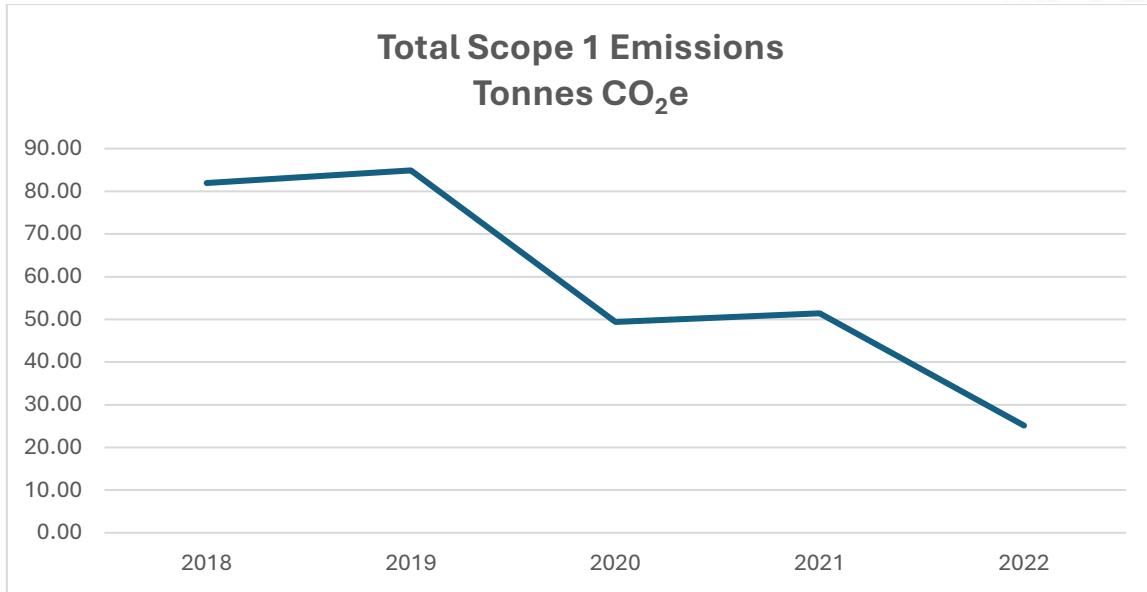


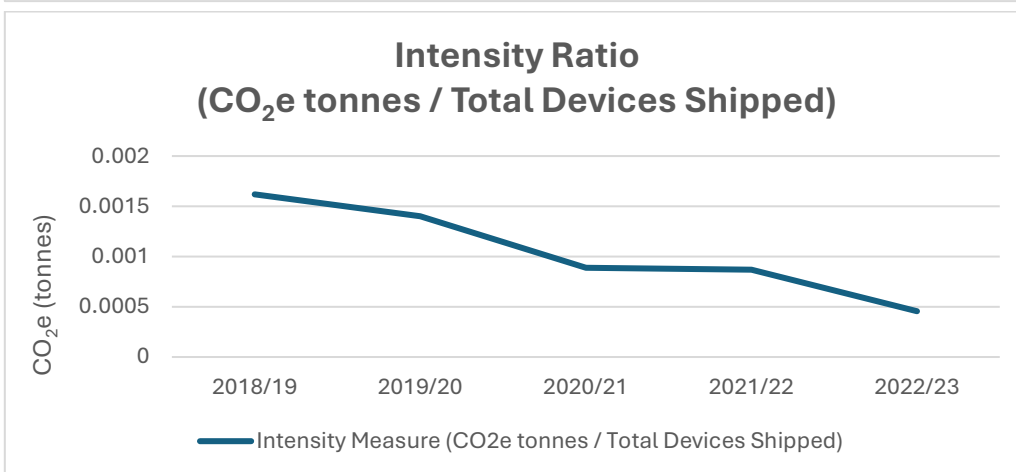
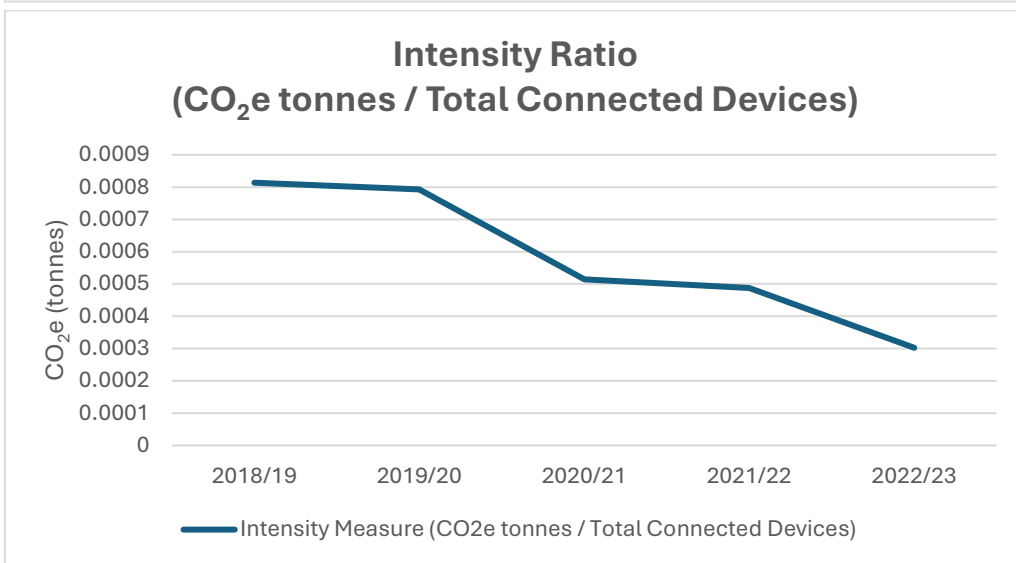
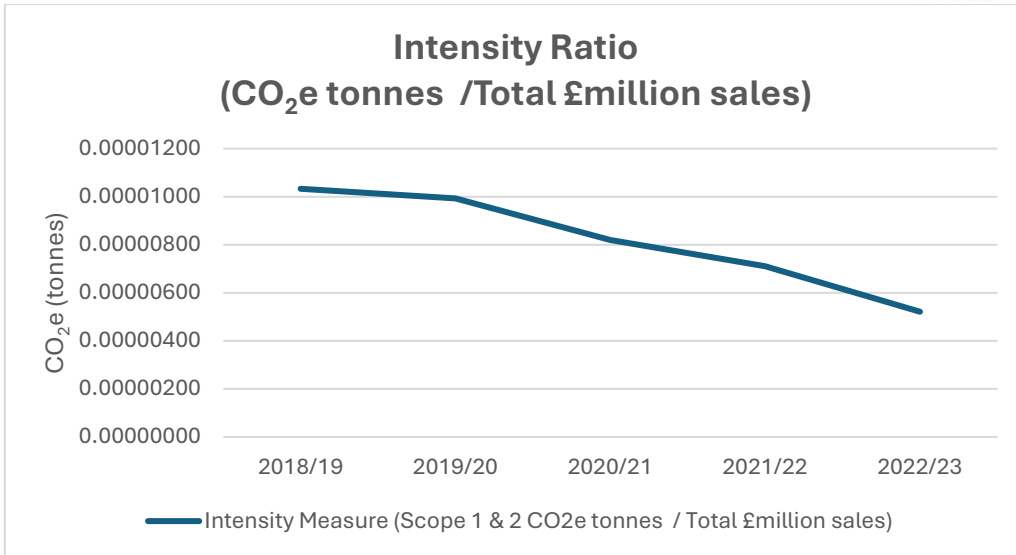
■ Total Scope 1   ■ Total Scope 2 - market based + heat and steam   ■ Total Scope 3

**2022 - Scope 3 Emissions by Category**  
Tonnes CO<sub>2</sub>e



- Cat 1: Purchased goods and services
- Cat 2: Capital goods
- Cat 3: Fuel and energy-related activities (not included in scope 1 or scope 2)
- Cat 4: Upstream transportation and distribution
- Cat 5: Waste generated in operations
- Cat 6: Business travel
- Cat 7: Employee commuting
- Cat 8: Upstream leased assets
- Cat 9: Downstream transportation and distribution
- Cat 10: Processing of sold products
- Cat 11: Use of sold products
- Cat 12: End-of-life treatment of sold products
- Cat 13: Downstream leased assets
- Cat 14: Franchises
- Cat 15: Investments





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