



**Addendum #1 to  
Sustainability Report 2023:  
Emissions Data**

The following data table provides a comprehensive overview of Staatsolie's emissions performance for the year 2023, alongside comparative data from 2021 and 2022.

Scope 1: Direct emissions (tons CO <sub>2</sub> -eq)		2021	2022	2023
Upstream		70,597	49,327	60,962
Refinery		295,135	338,122	303,792
SPCS		247,425	218,054	296,711
GOw2 & HQ		782	5,286	6,252
Total Scope 1 emissions		<b>613,939</b>	<b>610,789</b>	<b>667,717</b>
Scope 2: Emissions from procured electricity (tons CO <sub>2</sub> -eq)				
Upstream		7,325	6,887	9,177
Refinery		55,630	47,505	61,388
SPCS (own consumption)		5,572	5,121	6,225
GOw2 & HQ		432	390	410
Total Scope 2 emissions		<b>68,950</b>	<b>59,903</b>	<b>77,200</b>
Total scope 1 & 2		<b>682,889</b>	<b>670,692</b>	<b>744,917</b>

Specific emission rates (intensity)			2021		2022		2023	
Activity	Unit		Scope 1	Scope 2	Scope 1	Scope 2	Scope 1	Scope 2
<b>U</b>	Upstream	kgCO <sub>2</sub> /bbl produced	12.02	1.25	8.03	1.12	9.72	1.46
<b>R</b>	Refinery	kgCO <sub>2</sub> /bbl processed	57.91	11.03	59.36	10.84	52.63	10.36
<b>S</b>	SPCS (mix)	kgCO <sub>2</sub> /kWhe produced	0.17	0.0038	0.15	0.0034	0.18	0.0038