

## Five years in figures - Environmental

	2023	2022	2021	2020	2019
<b>Materials (t)</b>					
Total material usage	<b>43 618</b>	36 062	42 751	65 216	84 081
Metals	<b>39 918</b>	31 437	37 885	49 175	67 123
Sand	<b>9</b>	756	902	11 437	11 957
Chemicals	<b>250</b>	644	515	1 245	1 520
Others	<b>3 441</b>	3 225	3 449	3 359	3 482
<b>Energy (MWh)</b>					
Total energy consumption	<b>271 429</b>	325 529	371 907	362 400	389 993
Purchased electricity	<b>26 788</b>	65 024	91 045	104 293	119 092
Renewable electricity*	<b>54 234</b>	24 074			
Purchased heat	<b>23 756</b>	25 655	30 093	26 980	31 416
Light fuel oil	<b>59 842</b>	66 951	65 637	72 261	72 801
Heavy fuel oils	<b>1 864</b>	4 245	6 292	24 094	37 952
Natural gas	<b>88 334</b>	126 622	165 817	121 844	112 986
Other fuels**	<b>16 612</b>	12 958	13 023	12 928	15 747
Generated electricity, used in-house	<b>10 103</b>	5 473	3 244	3 491	5 751
Generated electricity, sold	<b>29 927</b>	36 727	42 924	33 543	32 812
<b>Water (1 000 m<sup>3</sup>)</b>					
Total water consumption	<b>23 451</b>	13 897	11 348	11 373	11 268
Consumption of domestic water	<b>284</b>	288	365	568	648
Consumption of cooling water	<b>23 167</b>	13 609	10 983	10 805	10 621
<b>Emissions (t)</b>					
Carbon dioxide (Scope 1)	<b>41 017</b>	46 629	54 711	52 911	56 568
Carbon dioxide (Scope 2, market-based)	<b>14 986</b>	30 705	36 062	46 306	53 453
Carbon dioxide (Scope 3)***	<b>2 017 900</b>	1 941 000	1 413 200	1 309 800	161 000
Nitrogen oxides	<b>402</b>	380	371	445	544
Sulphur oxides	<b>3</b>	7	15	47	51
Total hydrocarbons	<b>111</b>	129	203	147	139
Particulates	<b>4</b>	4	4	6	7
VOC	<b>21</b>	27	29	31	37
<b>Waste (t)</b>					
Total waste	<b>11 756</b>	13 043	16 020	23 370	30 287
Non-hazardous waste	<b>8 286</b>	10 097	12 295	20 683	26 439
Hazardous waste	<b>3 469</b>	2 946	3 725	2 687	3 847

\* Until 2021, renewable electricity consumption was included in purchased electricity category.

\*\* Includes, for example, gasoline, methanol, ammonia and hydrogen.

\*\*\* Until 2019, Scope 3 emissions included only direct materials, energy and flights. From 2020, they include all purchased goods and services, energy and flights. From 2023, emissions from transportation and distribution are available.