

LSEZ "JENSEN METAL" SIA
GHG INVENTORY



Emission classification	Unit	2025/26	2024/25	2023/24	2022/23	2021/22	Change (%)
Scope 1 GHG emissions							
Scope 1: Direct emissions from owned/controlled operations	Ton CO2e	16	21	18	187	800	-20%
Scope 1.1: Stationary combustion (Facilities)	Ton CO2e	0	0	0	166	773	
Scope 1.2: Mobile combustion (Vehicles)	Ton CO2e	16	20	18	20	27	-18%
Gasoline	Ton CO2e	6	11	10	11	11	-46%
Diesel	Ton CO2e	11	10	8	10	16	13%
Scope 1.3: Direct process emission for industrial processes	Ton CO2e	0	0	0	0	0	
Scope 1.4: Fugitive emissions	Ton CO2e	0	1	0	0	0	-100%
Scope 2 GHG emissions							
Scope 2: Location-based Indirect emissions	Ton CO2e	1 849	2 604	2 689	2 382	1 440	-29%
Electricity	Ton CO2e	1810	2574	2663	2366	1422	-30%
Central heating	Ton CO2e	39	29	26	15	19	34%
Scope 2: Market-based Indirect emissions	Ton CO2e	1 849	2 604	2 689	2 382	1 440	-29%
Electricity	Ton CO2e	1810	2574	2663	2366	1422	-30%
Central heating	Ton CO2e	39	29	26	15	19	34%
Scope 3 Upstream GHG emissions							
Category 1: Purchased goods and services	Ton CO2e	21 450	22 019	22 805	22 497	30 491	-3%
Category 2: Capital goods	Ton CO2e	150	1 857	192	314	3 850	-92%
Category 3: Fuel- and energy-related activities	Ton CO2e	291	290	285	275	347	0%
Fuel/Energy emissions (WTT)	Ton CO2e	4	5	5	5	7	-19%
T&D: Electricity	Ton CO2e	67	96	99	88	54	-30%
T&D: Central heating	Ton CO2e	6	3	3	2	2	119%
Electricity extraction/ production	Ton CO2e	145	152	148	138	140	-5%
Heating extraction/ production	Ton CO2e	69	34	30	42	144	101%
Category 4: Upstream transportation and distribution	Ton CO2e	1 647	1 609	1 664	1 856	2 909	2%
Category 5: Waste generated in operations	Ton CO2e	373	398	490	565	646	-6%
Carbon steel scrap	Ton CO2e	19	16	19	20	31	18%
Stainless steel scrap	Ton CO2e	7	8	6	6	5	-14%
Industrial waste	Ton CO2e	33	70	71	53	68	-53%
Household waste	Ton CO2e	45	32	48	134	179	42%
Hazardous waste	Ton CO2e	266	268	343	348	360	-1%
Water treatment	Ton CO2e	3	3	3	3	3	-15%
Category 6: Business travel	Ton CO2e	10	13	14	12	6	-24%
Category 7: Employee commuting	Ton CO2e	282	266	235	239	234	6%
Category 8: Upstream leased assets	Ton CO2e	0	0	0	0	0	
Total Scope 3 Upstream GHG emissions	Ton CO2e	24 203	26 452	25 685	25 757	38 483	-9%
Category 9: Downstream transportation and distribution	Ton CO2e	0	0	0	0	0	
Category 10: Processing of sold products	Ton CO2e	590	612	621	656	792	-4%
Category 11: Use of sold products	Ton CO2e	-	-	-	-	-	
Category 12: End-of-life treatment of sold products	Ton CO2e	151	158	167	179	217	-4%
Carbon and Stainless steel	Ton CO2e	148	155	164	175	212	-4%
Packaging materials	Ton CO2e	3	3	3	3	6	1%
Category 13: Downstream leased assets	Ton CO2e	-	-	-	-	-	
Category 14: Franchises	Ton CO2e	-	-	-	-	-	
Category 15: Investments	Ton CO2e	-	-	-	-	-	
Total Scope 3 Downstream GHG emissions	Ton CO2e	741	769	788	835	1 009	-4%
Total Scope 3 GHG emissions	Ton CO2e	24 944	27 221	26 473	26 592	39 492	-8%
Total GHG emissions (location-based)	Ton CO2e	26 810	29 845	29 180	29 161	41 733	-10%
Total GHG emissions (market-based)	Ton CO2e	26 810	29 845	29 180	29 161	41 733	-10%