

Emission inventory analysis

Enterprise: SBE

Year 2024

total emissions: 454

scope 1, 2 or 3	source power (e.g. natural gas, diesel, etc)	emission source (vehicles, buildings, machinery, etc)	Site	activity data	unit	emission factor (kg/unit)	emissions (tonnes/y)
1	Natural gas (BE)	Heating and hot water	Sint Niklaas	162.971	kWh	0,185	30,15
1	Natural gas (BE)	Heating and hot water	Namen	9.409	kWh	0,185	1,74
1	Natural gas (BE)	Heating and hot water	Valencia	4.050	kWh	0,185	0,75
1	Natural gas (BE)	Heating and hot water	SBE café	4.161	kWh	0,185	0,77
1	Natural gas (BE)	Heating and hot water	Mechelen	4.874	kWh	0,185	0,90
1	Petrol (E10) BE	Fleet	Belgium	80.612	liter	2,821	227,41
1	Diesel BE (B7 blend) (BE)	Fleet	Belgium	25.700	liter	3,256	83,68
1	Petrol (E10 blend) (NL)	Fleet	Rotterdam	2.327	liter	3,073	7,15
2	Grey power (BE)	Electricity	Sint-Niklaas	120.429	kWh	0,212	25,53
2	Grey power (BE)	Electricity	SBE cafe	10.676	kWh	0,212	2,26
2	Solar power	Electricity	Sint-Niklaas	64.049	kWh	0	0,00
2	Injection of solar power	Electricity	Sint-Niklaas	67.982	kWh	0	0,00
2	Grey power (BE)	Electricity	Namen	8.443	kWh	0	0,00
2	Grey power (BE)	Electric fleet	Home charging sessions / location	118.135	kWh	0,212	25,04
2	Grey power (BE)	Electric fleet	Sint-Niklaas	39.799	kWh	0,212	8,44
2	Solar power	Electric fleet	Sint-Niklaas	21.167	kWh	0	0,00
2	Grey power (NL)	Electricity	Rotterdam	3.240	kWh	0,536	1,74
2	Grey power (NL)	Electric fleet	Rotterdam	7.201	kWh	0,536	3,86
2	Grey power (BE)	Electricity	Valencia	7.007	kWh	0,212	1,49
2	Wind force	Electricity	Mechelen	3.324	kWh	0	0,00
2	Grey power (BE)	Electricity	Oostkamp	27.118	kWh	0,212	5,75
2	Waste heat without co-firing(NL)	District heating Rotterdam	Rotterdam	16	GJ	8,8	0,138
3	Diesel (B7 blend) BE	Private car expenses	Belgium	66	liter	3,256	0,22
3	Petrol (E10) BE	Private car expenses	Belgium	2.052	liter	2,821	5,79
3	Electricity + Diesel (Unknown train type)	Werkgerelateerde verplaatsingen trein	Belgium+ Rotterdam	114.865	km	0,003	0,34
3	Kerosene	Airplane (>2500km)	All offices	38.154	km	0,157	5,99
3	Kerosene	Airplane (700-2500km)	All offices	82.854	km	0,172	14,25
3	Kerosene	Airplane (<700km)	All offices	1.404	km	0,234	0,33

Scope	emissions (tonnes/y)
1	353
2	74
3	27
<b>Total</b>	<b>454</b>