

CF report

1.GHG emissions (Scope 1,2,3) - Scope 1 emissions by category of emissions and type of emission over years

Scope	Category of emission	Subcategory of emission	Type of emission	Type of data	Unit	Year		
						2021	2020	2019
Scope 1	Stationary combustion	Heating	Natural gas	CO2e	t	193,0	144,2	158,4
				Consumption	GJ	3 793,5	2 822,5	3 101,4
				Emissions intensity	tCO2e/per Number of employees	0,040	0,029	0,031
	Vehicles combustion	Passenger fleet	Diesel	CO2e	t	1 733,7	1 858,6	2 690,5
				Consumption	km	690 094,1	730 003,7	1 037 157,9
				Emissions intensity	tCO2e/per Number of employees	0,361	0,372	0,526
			Petrol	CO2e	t	3,8	8,7	11,3
				Consumption	km	1 752,0	4 026,0	5 090,7
				Emissions intensity	tCO2e/per Number of employees	0,001	0,002	0,002
	Total	Stationary combustion	Total	Total	CO2e	t	193,0	144,2
Emissions intensity					tCO2e/per Number of employees	0,040	0,029	0,031
Vehicles combustion		Total	Total	CO2e	t	1 737,6	1 867,3	2 701,8
				Emissions intensity	tCO2e/per Number of employees	0,362	0,374	0,528
Total		Total	Total	CO2e	t	1 930,6	2 011,5	2 860,1
				Emissions intensity	tCO2e/per Number of employees	0,402	0,403	0,559

2.GHG emissions (Scope 1,2,3) - Scope 3 emissions by category, subcategory and type of emission over years

Scope	Category of emission	Subcategory of emission	Type of emission	Type of data	Unit	Year			
						2021	2020	2019	
Scope 3	Waste management	Hazardous	Batteries	CO2e	t	0,0	0,0		
				Consumption	t	0,1	0,5		
				Emissions intensity	tCO2e/per Number of employees	0,000	0,000		
			Electronic waste	CO2e	t	0,7	1,1		
				Consumption	t	31,8	51,4		
				Emissions intensity	tCO2e/per Number of employees	0,000	0,000		
		Non-hazardous	Commercial and industrial waste	CO2e	t	62,7	90,2		
				Consumption	t	196,8	288,5		
				Emissions intensity	tCO2e/per Number of employees	0,013	0,018		
			Glass	CO2e	t	0,1	0,0		
				Consumption	t	4,1	0,2		
				Emissions intensity	tCO2e/per Number of employees	0,000	0,000		
			Metal	CO2e	t	0,1	1,2		
				Consumption	t	5,1	55,1		
				Emissions intensity	tCO2e/per Number of employees	0,000	0,000		
		Organic waste	CO2e	t	0,1	0,1			
			Consumption	t	6,6	12,7			
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000			
		Other waste	CO2e	t	0,0	0,0			
			Consumption	t	0,1	0,1			
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000			
		Paper and board	CO2e	t	2,2	2,3			
			Consumption	t	101,9	106,2			
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000			
		Plastics	CO2e	t	0,4	0,4			
			Consumption	t	23,2	22,9			
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000			
		Wood	CO2e	t		0,0			
			Consumption	t		1,9			
			Emissions intensity	tCO2e/per Number of employees		0,000			
	WTT and T&D emissions	Purchased electricity	Electricity consumption	CO2e	t	5 001,0	3 135,6	4 231,9	
				Emissions intensity	tCO2e/per Number of employees	1,041	0,628	0,827	
		Purchased heat	Heat consumption	CO2e	t	182,3	125,9	130,8	
				Emissions intensity	tCO2e/per Number of employees	0,038	0,025	0,026	
		Stationary combustion	Heating	CO2e	t	33,0	18,8	20,6	
				Emissions intensity	tCO2e/per Number of employees	0,007	0,004	0,004	
		Vehicles combustion	Passenger fleet	CO2e	t	421,9	447,8	643,1	
				Emissions intensity	tCO2e/per Number of employees	0,088	0,090	0,126	
	Total	Waste management	Total	Total	CO2e	t	66,2	95,3	
					Emissions intensity	tCO2e/per Number of employees	0,014	0,019	
		WTT and T&D emissions	Total	Total	CO2e	t	5 638,3	3 728,0	5 026,4
					Emissions intensity	tCO2e/per Number of employees	1,174	0,747	0,982
Total	Total	Total	CO2e	t	5 704,4	3 823,3	5 026,4		
			Emissions intensity	tCO2e/per Number of employees	1,188	0,766	0,982		

3.Fleet – passenger vehicles - Grouped by engine category over years

Engine category	Type of data	Unit	Year		
			2021	2020	2019
Diesel	CO2e	t	1 733,7	1 858,6	2 690,5
	CO2e including WTT	t	2 154,6	2 304,0	3 330,5
	Consumption	GJ	26 351,4	27 875,3	39 604,1
	Consumption	l	690 094,1	730 003,7	1 037 157,9
	Distance	km	6,0	6,0	6,0
Petrol	CO2e	t	3,8	8,7	11,2
	CO2e including WTT	t	4,9	11,1	14,3
	Consumption	GJ	60,2	138,3	174,9
	Consumption	l	1 752,0	4 026,0	5 090,7
	Distance	km	7,0	7,0	6,0
Total	CO2e	t	1 737,6	1 867,3	2 701,7
	CO2e including WTT	t	2 159,5	2 315,1	3 344,8
	Consumption	GJ	26 411,6	28 013,7	39 779,0
	Consumption	l	691 846,1	734 029,7	1 042 248,6
	Distance	km	13,0	13,0	12,0

4.Fuel - Grouped by location and fuel type over years

Location	Fuel type	Type of data	Unit	Year		
				2021	2020	2019
Emeldi	Diesel	CO2e	t	8,8	4,6	5,9
		CO2e including WTT	t	10,9	5,6	7,3
		Consumption	GJ (GCV)	133,1	68,3	86,2
	Natural gas	CO2e	t	0,0	1,8	2,4
		CO2e including WTT	t	0,0	2,1	2,7
		Consumption	GJ (GCV)	0,0	36,0	47,3
	Petrol	CO2e	t	0,0	0,0	
		CO2e including WTT	t	0,0	0,0	
		Consumption	GJ (GCV)	0,0	0,0	
Subtotal	CO2e	t	8,8	6,4	8,3	
	CO2e including WTT	t	10,9	7,7	10,0	
	Consumption	GJ (GCV)	133,1	104,3	133,5	
O2 CZ	Diesel	CO2e	t	1 469,4	1 530,8	2 216,8
		CO2e including WTT	t	1 826,1	1 897,7	2 744,1
		Consumption	GJ (GCV)	22 333,6	22 959,2	32 631,3
	Natural gas	CO2e	t	182,5	140,3	153,2
		CO2e including WTT	t	213,7	158,6	173,1
		Consumption	GJ (GCV)	3 587,1	2 747,3	2 999,1
	Petrol	CO2e	t	0,1	0,0	0,0
		CO2e including WTT	t	0,1	0,0	0,1
		Consumption	GJ (GCV)	1,8	0,0	0,6
Subtotal	CO2e	t	1 652,0	1 671,1	2 370,0	
	CO2e including WTT	t	2 040,0	2 056,2	2 917,3	
	Consumption	GJ (GCV)	25 922,6	25 706,5	35 631,0	
O2 Family	Natural gas	CO2e	t	0,0	0,0	0,0
		CO2e including WTT	t	0,0	0,0	0,0
		Consumption	GJ (GCV)	0,0	0,0	0,0
	Subtotal	CO2e	t	0,0	0,0	0,0
		Consumption	GJ (GCV)	0,0	0,0	0,0
O2 ITS	Natural gas	CO2e	t	1,9	2,0	2,8
		CO2e including WTT	t	2,3	2,3	3,2
		Consumption	GJ (GCV)	37,8	39,2	55,0
	Petrol	CO2e	t	0,0	0,0	0,7
		CO2e including WTT	t	0,0	0,0	0,9
		Consumption	GJ (GCV)	0,0	0,0	10,6
Subtotal	CO2e	t	1,9	2,0	3,5	
	CO2e including WTT	t	2,3	2,3	4,0	
	Consumption	GJ (GCV)	37,8	39,2	65,6	
O2 SK	Diesel	CO2e	t	152,9	180,3	312,6
		CO2e including WTT	t	190,0	223,5	387,0
		Consumption	GJ (GCV)	2 323,6	2 704,4	4 602,1
	Natural gas	CO2e	t	8,6	0,0	0,0
		CO2e including WTT	t	10,0	0,0	0,0
		Consumption	GJ (GCV)	168,6	0,0	0,0
	Petrol	CO2e	t	2,3	0,3	0,4
		CO2e including WTT	t	3,0	0,3	0,5
		Consumption	GJ (GCV)	36,5	4,1	6,2
Subtotal	CO2e	t	163,8	180,6	313,0	
	CO2e including WTT	t	203,0	223,9	387,5	
	Consumption	GJ (GCV)	2 528,7	2 708,6	4 608,2	
O2 SK BS	Diesel	CO2e	t	0,0	45,6	58,2
		CO2e including WTT	t	0,0	56,5	72,0
		Consumption	GJ (GCV)	0,0	683,2	856,3
	Petrol	CO2e	t	0,0	1,4	2,7
		CO2e including WTT	t	0,0	1,8	3,4
		Consumption	GJ (GCV)	0,0	22,9	41,3
Subtotal	CO2e	t	0,0	47,0	60,8	
	CO2e including WTT	t	0,0	58,3	75,4	
	Consumption	GJ (GCV)	0,0	706,1	897,5	
O2 TV	Diesel	CO2e	t	24,0	9,9	9,6
		CO2e including WTT	t	29,8	12,3	11,9
		Consumption	GJ (GCV)	364,1	149,2	141,5
	Petrol	CO2e	t	1,4	7,0	6,7
		CO2e including WTT	t	1,8	8,9	8,6
		Consumption	GJ (GCV)	21,9	111,3	104,9
Subtotal	CO2e	t	25,4	17,0	16,4	
	CO2e including WTT	t	31,6	21,3	20,5	
	Consumption	GJ (GCV)	386,1	260,5	246,5	
ostatní (O2 CZ fleet)	Diesel	CO2e	t	78,7	87,4	87,4
		CO2e including WTT	t	97,9	108,4	108,2
		Consumption	GJ (GCV)	1 196,9	1 311,1	1 286,7
	Petrol	CO2e	t	0,0	0,0	0,7
		CO2e including WTT	t	0,0	0,0	0,9
		Consumption	GJ (GCV)	0,0	0,0	11,3
Subtotal	CO2e	t	78,7	87,4	88,1	
	CO2e including WTT	t	97,9	108,4	109,1	
	Consumption	GJ (GCV)	1 196,9	1 311,1	1 298,0	
Total	Diesel	CO2e	t	1 733,7	1 858,6	2 690,5
		CO2e including WTT	t	2 154,6	2 304,0	3 330,5
		Consumption	GJ (GCV)	26 351,4	27 875,3	39 604,1
	Natural gas	CO2e	t	193,0	144,2	158,4
		CO2e including WTT	t	226,0	162,9	179,0
		Consumption	GJ (GCV)	3 793,5	2 822,5	3 101,4
	Petrol	CO2e	t	3,8	8,7	11,2
		CO2e including WTT	t	4,9	11,1	14,3
		Consumption	GJ (GCV)	60,2	138,3	174,9
Total	CO2e	t	1 930,6	2 011,5	2 860,1	
	CO2e including WTT	t	2 385,6	2 478,0	3 523,8	
	Consumption	GJ (GCV)	30 205,1	30 836,2	42 880,4	

5. Purchased electricity - Grouped by location including WTT of generation and T&D in kWh location based method

Location	Type of data	Unit	Year		
			2021	2020	2019
Emeldi	CO2e - location based	t	6,9	1,9	20,9
	CO2e - location based including T&D	t	7,0	1,9	21,1
	CO2e - location based including T&D and WTT of generation	t	8,7	2,2	24,6
	Consumption	kWh	13 760,0	3 760,0	41 675,0
O2 CZ	CO2e - location based	t	10 756,9	12 244,2	17 593,1
	CO2e - location based including T&D	t	10 954,1	12 389,6	17 807,4
	CO2e - location based including T&D and WTT of generation	t	13 633,0	14 294,5	20 750,7
	Consumption	kWh	21 470 895,5	24 439 578,0	35 116 060,0
O2 Family	CO2e - location based	t	37,8	25,4	39,3
	CO2e - location based including T&D	t	38,5	25,7	39,8
	CO2e - location based including T&D and WTT of generation	t	47,9	29,7	46,3
	Consumption	kWh	75 373,0	50 770,0	78 430,0
O2 ITS	CO2e - location based	t	353,2	351,9	493,5
	CO2e - location based including T&D	t	359,7	356,0	499,5
	CO2e - location based including T&D and WTT of generation	t	447,6	410,8	582,1
	Consumption	kWh	705 000,0	702 330,0	985 000,0
O2 SK	CO2e - location based	t	8 809,4	7 118,9	6 373,5
	CO2e - location based including T&D	t	8 900,1	7 165,7	6 422,5
	CO2e - location based including T&D and WTT of generation	t	10 803,6	8 123,2	7 341,3
	Consumption	kWh	43 827 901,0	35 417 260,0	31 708 920,0
O2 SK BS	CO2e - location based	t		46,8	47,4
	CO2e - location based including T&D	t		47,1	47,8
	CO2e - location based including T&D and WTT of generation	t		53,4	54,6
	Consumption	kWh		233 000,0	236 000,0
O2 TV	CO2e - location based	t	91,2	65,1	
	CO2e - location based including T&D	t	92,9	65,9	
	CO2e - location based including T&D and WTT of generation	t	115,6	76,0	
	Consumption	kWh	182 000,0	130 000,0	
Total	CO2e - location based	t	20 055,4	19 854,2	24 567,7
	CO2e - location based including T&D	t	20 352,2	20 052,0	24 838,1
	CO2e - location based including T&D and WTT of generation	t	25 056,3	22 989,8	28 799,6
	Consumption	kWh	66 274 929,5	60 976 698,0	68 166 085,0

6. Purchased electricity - Consumption in kWh and comparison of market based and location based carbon footprint calculation

Location	Type of data	Unit	Year		
			2021	2020	2019
Emeldi	CO2e - location based	t	6,9	1,9	20,9
	CO2e - market based	t	7,6	2,0	24,8
	Consumption	kWh	13 760,0	3 760,0	41 675,0
O2 CZ	CO2e - location based	t	10 756,9	12 244,2	17 593,1
	CO2e - market based	t	9 364,5	13 012,6	20 897,9
	Consumption	kWh	21 470 895,5	24 439 578,0	35 116 060,0
O2 Family	CO2e - location based	t	37,8	25,4	39,3
	CO2e - market based	t	41,5	27,0	46,7
	Consumption	kWh	75 373,0	50 770,0	78 430,0
O2 ITS	CO2e - location based	t	353,2	351,9	493,5
	CO2e - market based	t	387,7	373,9	586,2
	Consumption	kWh	705 000,0	702 330,0	985 000,0
O2 SK	CO2e - location based	t	8 809,4	7 118,9	6 373,5
	CO2e - market based	t	8 091,5	7 729,1	6 297,1
	Consumption	kWh	43 827 901,0	35 417 260,0	31 708 920,0
O2 SK BS	CO2e - location based	t		46,8	47,4
	CO2e - market based	t		50,8	46,9
	Consumption	kWh		233 000,0	236 000,0
O2 TV	CO2e - location based	t	91,2	65,1	
	CO2e - market based	t	100,1	69,2	
	Consumption	kWh	182 000,0	130 000,0	
Total	CO2e - location based	t	20 055,4	19 854,2	24 567,7
	CO2e - market based	t	17 992,8	21 264,8	27 899,5
	Consumption	kWh	66 274 929,5	60 976 698,0	68 166 085,0

7. Purchased electricity - Grouped by location over years in kWh market based method

Location	Type of data	Unit	Year		
			2021	2020	2019
Emeldi	CO2e - market based	t	7,6	2,0	24,8
	Consumption	kWh	13 760,0	3 760,0	41 675,0
	Consumption non-renewable	kWh	12 994,9	3 506,2	40 049,7
	Consumption renewable	kWh	765,1	253,8	1 625,3
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%	5,6	6,8	3,9
O2 CZ	CO2e - market based	t	9 364,5	13 012,6	20 897,9
	Consumption	kWh	21 470 895,5	24 439 578,0	35 116 060,0
	Consumption non-renewable	kWh	16 080 806,7	22 789 906,5	33 746 533,7
	Consumption renewable	kWh	5 390 088,8	1 649 671,5	1 369 526,3
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%	25,1	6,8	3,9
O2 Family	CO2e - market based	t	41,5	27,0	46,7
	Consumption	kWh	75 373,0	50 770,0	78 430,0
	Consumption non-renewable	kWh	71 182,3	47 343,0	75 371,2
	Consumption renewable	kWh	4 190,7	3 427,0	3 058,8
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%	5,6	6,8	3,9
O2 ITS	CO2e - market based	t	387,7	373,9	586,2
	Consumption	kWh	705 000,0	702 330,0	985 000,0
	Consumption non-renewable	kWh	665 802,0	654 922,7	946 585,0
	Consumption renewable	kWh	39 198,0	47 407,3	38 415,0
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%	5,6	6,8	3,9
O2 SK	CO2e - market based	t	8 091,5	7 729,1	6 297,1
	Consumption	kWh	43 827 901,0	35 417 260,0	31 708 920,0
	Consumption non-renewable	kWh	37 937 431,1	33 281 599,2	25 994 972,6
	Consumption renewable	kWh	5 890 469,9	2 135 660,8	5 713 947,4
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%	13,4	6,0	18,0
O2 SK BS	CO2e - market based	t		50,8	46,9
	Consumption	kWh		233 000,0	236 000,0
	Consumption non-renewable	kWh		218 950,1	193 472,8
	Consumption renewable	kWh		14 049,9	42 527,2
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%		6,0	18,0
O2 TV	CO2e - market based	t	100,1	69,2	
	Consumption	kWh	182 000,0	130 000,0	
	Consumption non-renewable	kWh	171 880,8	121 225,0	
	Consumption renewable	kWh	10 119,2	8 775,0	
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%	5,6	6,8	
Total	CO2e - market based	t	17 992,8	21 264,8	27 899,5
	Consumption	kWh	66 274 929,5	60 976 698,0	68 166 085,0
	Consumption non-renewable	kWh	54 940 097,9	57 117 452,8	60 996 985,0
	Consumption renewable	kWh	11 334 831,6	3 859 245,2	7 169 100,0
	Consumption unknown	kWh	0,0	0,0	0,0
	Percentage from renewable	%	17,1	6,3	10,5

8. Purchased electricity - Total consumption and carbon footprint including WTT of generation and T&D in kWh market based method

Type of data	Unit	Year		
		2021	2020	2019
CO2e - market based	t	17 992,8	21 264,8	27 899,5
CO2e - market based including T&D	t	18 289,6	21 462,6	28 169,9
CO2e - market based including T&D and WTT of generation	t	22 993,8	24 400,4	32 131,4
Consumption	kWh	66 274 929,5	60 976 698,0	68 166 085,0

9. Purchased heat - Grouped by location over years in kWh market based method

Location	Type of data	Unit	Year		
			2021	2020	2019
Emeldi	CO2e - market based	t	0,0	0,0	18,9
	Consumption	kWh	0,0	0,0	107 303,3
	Consumption non-renewable	kWh	0,0	0,0	0,0
	Consumption renewable	kWh	0,0	0,0	0,0
	Consumption unknown	kWh	0,0	0,0	107 303,3
	Percentage from renewable	%			0,0
O2 CZ	CO2e - market based	t	881,0	815,8	853,4
	Consumption	kWh	5 160 256,6	4 726 122,0	4 847 000,0
	Consumption non-renewable	kWh	0,0	0,0	0,0
	Consumption renewable	kWh	0,0	0,0	0,0
	Consumption unknown	kWh	5 160 256,6	4 726 122,0	4 847 000,0
	Percentage from renewable	%	0,0	0,0	0,0
O2 Family	CO2e - market based	t	0,8	6,9	8,9
	Consumption	kWh	4 863,3	40 161,1	50 540,0
	Consumption non-renewable	kWh	0,0	0,0	0,0
	Consumption renewable	kWh	0,0	0,0	0,0
	Consumption unknown	kWh	4 863,3	40 161,1	50 540,0
	Percentage from renewable	%	0,0	0,0	0,0
O2 ITS	CO2e - market based	t	14,0	14,4	20,6
	Consumption	kWh	81 997,2	83 386,1	116 944,4
	Consumption non-renewable	kWh	0,0	0,0	0,0
	Consumption renewable	kWh	0,0	0,0	0,0
	Consumption unknown	kWh	81 997,2	83 386,1	116 944,4
	Percentage from renewable	%	0,0	0,0	0,0
O2 SK	CO2e - market based	t	91,5	0,0	13,4
	Consumption	kWh	536 000,0	0,0	76 350,0
	Consumption non-renewable	kWh	0,0	0,0	0,0
	Consumption renewable	kWh	0,0	0,0	0,0
	Consumption unknown	kWh	536 000,0	0,0	76 350,0
	Percentage from renewable	%	0,0		0,0
Total	CO2e - market based	t	987,4	837,1	915,2
	Consumption	kWh	5 783 117,1	4 849 669,2	5 198 137,8
	Consumption non-renewable	kWh	0,0	0,0	0,0
	Consumption renewable	kWh	0,0	0,0	0,0
	Consumption unknown	kWh	5 783 117,1	4 849 669,2	5 198 137,8
	Percentage from renewable	%	0,0	0,0	0,0

10. Purchased heat - Total consumption and carbon footprint including WTT in kWh market based method

Type of data	Unit	Year		
		2021	2020	2019
CO2e - market based	t	987,4	837,1	915,2
CO2e - market based including WTT	t	1 169,7	963,0	1 046,0
Consumption	kWh	5 783 117,1	4 849 669,2	5 198 137,8

11. Purchased heat - Grouped by location including WTT in kWh market based method

Location	Type of data	Unit	Year		
			2021	2020	2019
Emeldi	CO2e - market based	t	0,0	0,0	18,9
	CO2e - market based including WTT	t	0,0	0,0	21,6
	Consumption	kWh	0,0	0,0	107 303,3
O2 CZ	CO2e - market based	t	881,0	815,8	853,4
	CO2e - market based including WTT	t	1 043,7	938,4	975,3
	Consumption	kWh	5 160 256,6	4 726 122,0	4 847 000,0
O2 Family	CO2e - market based	t	0,8	6,9	8,9
	CO2e - market based including WTT	t	1,0	8,0	10,2
	Consumption	kWh	4 863,3	40 161,1	50 540,0
O2 ITS	CO2e - market based	t	14,0	14,4	20,6
	CO2e - market based including WTT	t	16,6	16,6	23,5
	Consumption	kWh	81 997,2	83 386,1	116 944,4
O2 SK	CO2e - market based	t	91,5	0,0	13,4
	CO2e - market based including WTT	t	108,4	0,0	15,4
	Consumption	kWh	536 000,0	0,0	76 350,0
Total	CO2e - market based	t	987,4	837,1	915,2
	CO2e - market based including WTT	t	1 169,7	963,0	1 046,0
	Consumption	kWh	5 783 117,1	4 849 669,2	5 198 137,8

13. Energy consumption - Grouped by purpose and source over years market based method

Purpose	Source	Type of data	Unit	Year		
				2021	2020	2019
Electricity generation	Purchased	Consumption	GJ	238 589,8	219 516,1	245 397,9
		Consumption renewable	GJ	40 805,4	13 893,3	25 808,8
		Consumption non-renewable	GJ	197 784,4	205 622,8	219 589,2
		Consumption unknown	GJ	0,0	0,0	0,0
		% from renewable	%	17,1	6,3	10,5
		CO2e	t	17 992,8	21 264,8	27 899,5
Heating	Combustion	Consumption	GJ	3 793,5	2 822,5	3 101,4
		Consumption renewable	GJ	0,0	0,0	0,0
		Consumption non-renewable	GJ	3 793,5	2 822,5	3 101,4
		Consumption unknown	GJ	0,0	0,0	0,0
		% from renewable	%	0,0	0,0	0,0
		CO2e	t	193,0	144,2	158,4
	Purchased	Consumption	GJ	20 819,2	17 458,8	18 713,3
		Consumption renewable	GJ	0,0	0,0	0,0
		Consumption non-renewable	GJ	0,0	0,0	0,0
		Consumption unknown	GJ	20 819,2	17 458,8	18 713,3
		% from renewable	%	0,0	0,0	0,0
		CO2e	t	987,4	837,1	915,2
Passenger fleet	Combustion	Consumption	GJ	26 411,6	28 013,7	39 779,0
		Consumption renewable	GJ	0,0	0,0	0,0
		Consumption non-renewable	GJ	26 411,6	28 013,7	39 779,0
		Consumption unknown	GJ	0,0	0,0	0,0
		% from renewable	%	0,0	0,0	0,0
		CO2e	t	1 737,6	1 867,3	2 701,8
Total	Combustion	Consumption	GJ	30 205,1	30 836,2	42 880,4
		Consumption renewable	GJ	0,0	0,0	0,0
		Consumption non-renewable	GJ	30 205,1	30 836,2	42 880,4
		Consumption unknown	GJ	0,0	0,0	0,0
		% from renewable	%	0,0	0,0	0,0
		CO2e	t	1 930,6	2 011,5	2 860,1
	Energy intensity	GJ/per Number of employees	6,289	6,176	8,382	
	Purchased	Consumption	GJ	259 409,0	236 974,9	264 111,2
		Consumption renewable	GJ	40 805,4	13 893,3	25 808,8
		Consumption non-renewable	GJ	197 784,4	205 622,8	219 589,2
		Consumption unknown	GJ	20 819,2	17 458,8	18 713,3
		% from renewable	%	15,7	5,9	9,8
		CO2e	t	18 980,2	22 101,9	28 814,7
Energy intensity		GJ/per Number of employees	54,010	47,461	51,625	

14.GHG emissions (Scope 1,2,3) - Grouped by scope and category of emissions over years market based method

Scope	Category of emission	Type of data	Unit	Year		
				2021	2020	2019
Scope 1	Stationary combustion	CO2e	t	193,0	144,2	158,4
		Consumption	GJ	3 793,5	2 822,5	3 101,4
		Emissions intensity	tCO2e/per Number of employees	0,040	0,029	0,031
	Vehicles combustion	CO2e	t	1 737,6	1 867,3	2 701,8
		Consumption	km	13,0	13,0	12,0
		Emissions intensity	tCO2e/per Number of employees	0,362	0,374	0,528
Scope 2	Purchased electricity	CO2e	t	17 992,8	21 264,8	27 899,5
		Consumption	GJ	238 589,8	219 516,1	245 397,9
		Emissions intensity	tCO2e/per Number of employees	3,746	4,259	5,453
	Purchased heat	CO2e	t	987,4	837,1	915,2
		Consumption	GJ	20 819,2	17 458,8	18 713,3
		Emissions intensity	tCO2e/per Number of employees	0,206	0,168	0,179
Scope 3	Waste management	CO2e	t	66,2	95,3	
		Consumption	t	369,7	539,6	
		Emissions intensity	tCO2e/per Number of employees	0,014	0,019	
	WTT and T&D emissions	CO2e	t	5 638,3	3 728,0	5 026,4
		Emissions intensity	tCO2e/per Number of employees	1,174	0,747	0,982
Total	Total	CO2e	t	26 615,2	27 936,6	36 701,2
		Emissions intensity	tCO2e/per Number of employees	5,541	5,595	7,174

15.GHG emissions (Scope 1,2,3) - Grouped by scope over years market based method

Scope	Type of data	Unit	Year		
			2021	2020	2019
Scope 1	CO2e	t	1 930,6	2 011,5	2 860,1
	Emissions intensity	tCO2e/per Number of employees	0,402	0,403	0,559
Scope 2	CO2e	t	18 980,2	22 101,9	28 814,7
	Emissions intensity	tCO2e/per Number of employees	3,952	4,427	5,632
Scope 3	CO2e	t	5 704,4	3 823,3	5 026,4
	Emissions intensity	tCO2e/per Number of employees	1,188	0,766	0,982
Total	CO2e	t	26 615,2	27 936,6	36 701,2
	Emissions intensity	tCO2e/per Number of employees	5,541	5,595	7,174

16.GHG emissions (Scope 1,2,3) - Grouped by scope, category and subcategory of emissions over years

Scope	Category of emission	Subcategory of emission	Type of data	Unit	Year		
					2021	2020	2019
Scope 1	Stationary combustion	Heating	CO2e	t	193,0	144,2	158,4
			Consumption	GJ	3 793,5	2 822,5	3 101,4
			Emissions intensity	tCO2e/per Number of employees	0,040	0,029	0,031
	Vehicles combustion	Passenger fleet	CO2e	t	1 737,6	1 867,3	2 701,8
			Consumption	km	13,0	13,0	12,0
			Consumption	l	691 846,1	734 029,7	1 042 248,6
		Emissions intensity	tCO2e/per Number of employees	0,362	0,374	0,528	
Scope 2	Purchased electricity	Electricity consumption	CO2e	t	17 992,8	21 264,8	27 899,5
			Consumption	GJ	238 589,8	219 516,1	245 397,9
			Emissions intensity	tCO2e/per Number of employees	3,746	4,259	5,453
	Purchased heat	Heat consumption	CO2e	t	987,4	837,1	915,2
			Consumption	GJ	20 819,2	17 458,8	18 713,3
			Emissions intensity	tCO2e/per Number of employees	0,206	0,168	0,179
Scope 3	Waste management	Hazardous	CO2e	t	0,7	1,1	
			Consumption	t	31,9	52,0	
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000	
		Non-hazardous	CO2e	t	65,5	94,2	
			Consumption	t	337,8	487,7	
			Emissions intensity	tCO2e/per Number of employees	0,014	0,019	
	WTT and T&D emissions	Purchased electricity	CO2e	t	5 001,0	3 135,6	4 231,9
			Emissions intensity	tCO2e/per Number of employees	1,041	0,628	0,827
		Purchased heat	CO2e	t	182,3	125,9	130,8
			Emissions intensity	tCO2e/per Number of employees	0,038	0,025	0,026
		Stationary combustion	CO2e	t	33,0	18,8	20,6
			Emissions intensity	tCO2e/per Number of employees	0,007	0,004	0,004
Vehicles combustion	CO2e	t	421,9	447,8	643,1		
	Emissions intensity	tCO2e/per Number of employees	0,088	0,090	0,126		
Total	Total	Total	CO2e	t	26 615,2	27 936,6	36 701,2
			Emissions intensity	tCO2e/per Number of employees	5,541	5,595	7,174

17.GHG emissions (Scope 1,2,3) - Scope 2 emissions by category, subcategory and type of emission over years market based method

Scope	Category of emission	Subcategory of emission	Type of emission	Type of data	Unit	Year		
						2021	2020	2019
Scope 2	Purchased electricity	Electricity consumption	Non-renewable source	CO2e	t	16 354,8	19 885,4	25 915,7
				Consumption	GJ	197 784,4	205 622,8	219 589,2
				Emissions intensity	tCO2e/per Number of employees	3,405	3,983	5,066
			Renewable source	CO2e	t	1 638,0	1 379,4	1 983,9
				Consumption	GJ	40 805,4	13 893,3	25 808,8
				Emissions intensity	tCO2e/per Number of employees	0,341	0,276	0,388
			Unknown source	CO2e	t	0,0	0,0	0,0
				Consumption	GJ	0,0	0,0	0,0
				Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,000
	Purchased heat	Heat consumption	Non-renewable source	CO2e	t	0,0	0,0	0,0
				Consumption	GJ	0,0	0,0	0,0
				Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,000
			Renewable source	CO2e	t	0,0	0,0	0,0
				Consumption	GJ	0,0	0,0	0,0
				Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,000
			Unknown source	CO2e	t	987,4	837,1	915,2
				Consumption	GJ	20 819,2	17 458,8	18 713,3
				Emissions intensity	tCO2e/per Number of employees	0,206	0,168	0,179
Total	Purchased electricity	Total	Total	CO2e	t	17 992,8	21 264,8	27 899,5
				Emissions intensity	tCO2e/per Number of employees	3,746	4,259	5,453
	Purchased heat	Total	Total	CO2e	t	987,4	837,1	915,2
				Emissions intensity	tCO2e/per Number of employees	0,206	0,168	0,179
	Total	Total	Total	CO2e	t	18 980,2	22 101,9	28 814,7
				Emissions intensity	tCO2e/per Number of employees	3,952	4,427	5,632

18.GHG emissions (Scope 1,2,3) - Grouped by location and scope over years market based method

Location	Scope	Type of data	Unit	Year		
				2021	2020	2019
Emeldi	Scope 1	CO2e	t	8,8	6,4	8,3
		Emissions intensity	tCO2e/per Number of employees	0,002	0,001	0,002
	Scope 2	CO2e	t	7,6	2,0	43,7
		Emissions intensity	tCO2e/per Number of employees	0,002	0,000	0,009
	Scope 3	CO2e	t	4,0	1,7	8,2
		Emissions intensity	tCO2e/per Number of employees	0,001	0,000	0,002
Total	CO2e	t	20,3	10,0	60,1	
Not specified	Scope 3	CO2e	t	66,2	95,3	
		Emissions intensity	tCO2e/per Number of employees	0,014	0,019	
	Total	CO2e	t	66,2	95,3	
		Emissions intensity	tCO2e/per Number of employees	0,014	0,019	
O2 CZ	Scope 1	CO2e	t	1 652,0	1 671,1	2 370,0
		Emissions intensity	tCO2e/per Number of employees	0,344	0,335	0,463
	Scope 2	CO2e	t	10 245,5	13 828,4	21 751,3
		Emissions intensity	tCO2e/per Number of employees	2,133	2,770	4,252
	Scope 3	CO2e	t	3 426,7	2 558,0	3 826,7
		Emissions intensity	tCO2e/per Number of employees	0,713	0,512	0,748
Total	CO2e	t	15 324,2	18 057,5	27 948,0	
O2 Family	Scope 1	CO2e	t	0,0	0,0	0,0
		Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,000
	Scope 2	CO2e	t	42,3	34,0	55,6
		Emissions intensity	tCO2e/per Number of employees	0,009	0,007	0,011
	Scope 3	CO2e	t	10,3	5,3	8,3
		Emissions intensity	tCO2e/per Number of employees	0,002	0,001	0,002
Total	CO2e	t	52,5	39,3	63,9	
O2 ITS	Scope 1	CO2e	t	1,9	2,0	3,5
		Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,001
	Scope 2	CO2e	t	401,7	388,3	606,8
		Emissions intensity	tCO2e/per Number of employees	0,084	0,078	0,119
	Scope 3	CO2e	t	97,4	61,3	92,1
		Emissions intensity	tCO2e/per Number of employees	0,020	0,012	0,018
Total	CO2e	t	501,0	451,7	702,3	
O2 SK	Scope 1	CO2e	t	163,8	180,6	313,0
		Emissions intensity	tCO2e/per Number of employees	0,034	0,036	0,061
	Scope 2	CO2e	t	8 183,0	7 729,1	6 310,5
		Emissions intensity	tCO2e/per Number of employees	1,704	1,548	1,233
	Scope 3	CO2e	t	2 050,3	1 047,6	1 044,2
		Emissions intensity	tCO2e/per Number of employees	0,427	0,210	0,204
Total	CO2e	t	10 397,1	8 957,3	7 667,8	
O2 SK BS	Scope 1	CO2e	t	0,0	47,0	60,8
		Emissions intensity	tCO2e/per Number of employees	0,000	0,009	0,012
	Scope 2	CO2e	t	0,0	50,9	46,9
		Emissions intensity	tCO2e/per Number of employees	0,000	0,010	0,009
	Scope 3	CO2e	t	0,0	17,9	21,8
		Emissions intensity	tCO2e/per Number of employees	0,000	0,004	0,004
Total	CO2e	t	0,0	115,8	129,5	
O2 TV	Scope 1	CO2e	t	25,4	17,0	16,4
		Emissions intensity	tCO2e/per Number of employees	0,005	0,003	0,003
	Scope 2	CO2e	t	100,1	69,2	0,0
		Emissions intensity	tCO2e/per Number of employees	0,021	0,014	0,000
	Scope 3	CO2e	t	30,6	15,2	4,1
		Emissions intensity	tCO2e/per Number of employees	0,006	0,003	0,001
Total	CO2e	t	156,0	101,4	20,5	
ostatní (O2 CZ fleet)	Scope 1	CO2e	t	78,8	87,4	88,1
		Emissions intensity	tCO2e/per Number of employees	0,016	0,018	0,017
	Scope 3	CO2e	t	19,1	21,0	21,0
		Emissions intensity	tCO2e/per Number of employees	0,004	0,004	0,004
	Total	CO2e	t	97,9	108,4	109,1
		Emissions intensity	tCO2e/per Number of employees	0,020	0,022	0,021
Total	Scope 1	CO2e	t	1 930,6	2 011,5	2 860,1
		Emissions intensity	tCO2e/per Number of employees	0,402	0,403	0,559
	Scope 2	CO2e	t	18 980,2	22 101,9	28 814,7
		Emissions intensity	tCO2e/per Number of employees	3,952	4,427	5,632
	Scope 3	CO2e	t	5 704,4	3 823,3	5 026,4
		Emissions intensity	tCO2e/per Number of employees	1,188	0,766	0,982
Total	CO2e	t	26 615,2	27 936,6	36 701,2	
	Emissions intensity	tCO2e/per Number of employees	5,541	5,595	7,174	

19.GHG emissions (Scope 1,2,3) - Location emissions by scope and category over years market based method

Location	Scope	Category of emission	Type of data	Unit	Year		
					2021	2020	2019
Emeldi	Scope 1	Stationary combustion	CO2e	t	0,0	1,8	2,4
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,000
	Scope 1	Vehicles combustion	CO2e	t	8,8	4,6	5,9
			Emissions intensity	tCO2e/per Number of employees	0,002	0,001	0,001
	Scope 2	Purchased electricity	CO2e	t	7,6	2,0	24,8
			Emissions intensity	tCO2e/per Number of employees	0,002	0,000	0,005
		Purchased heat	CO2e	t	0,0	0,0	18,9
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,004
	Scope 3	WTT and T&D emissions	CO2e	t	4,0	1,7	8,2
			Emissions intensity	tCO2e/per Number of employees	0,001	0,000	0,002
Total	Total	CO2e	t	20,3	10,0	60,1	
		Emissions intensity	tCO2e/per Number of employees	0,004	0,002	0,012	
Not specified	Scope 3	Waste management	CO2e	t	66,2	95,3	
			Emissions intensity	tCO2e/per Number of employees	0,014	0,019	
	Total	Total	CO2e	t	66,2	95,3	
			Emissions intensity	tCO2e/per Number of employees	0,014	0,019	
O2 CZ	Scope 1	Stationary combustion	CO2e	t	182,5	140,3	153,2
			Emissions intensity	tCO2e/per Number of employees	0,038	0,028	0,030
	Scope 1	Vehicles combustion	CO2e	t	1 469,5	1 530,8	2 216,9
			Emissions intensity	tCO2e/per Number of employees	0,306	0,307	0,433
	Scope 2	Purchased electricity	CO2e	t	9 364,5	13 012,6	20 897,9
			Emissions intensity	tCO2e/per Number of employees	1,950	2,606	4,085
		Purchased heat	CO2e	t	881,0	815,8	853,4
			Emissions intensity	tCO2e/per Number of employees	0,183	0,163	0,167
	Scope 3	WTT and T&D emissions	CO2e	t	3 426,7	2 558,0	3 826,7
			Emissions intensity	tCO2e/per Number of employees	0,713	0,512	0,748
Total	Total	CO2e	t	15 324,2	18 057,5	27 948,0	
		Emissions intensity	tCO2e/per Number of employees	3,191	3,617	5,463	
O2 Family	Scope 1	Stationary combustion	CO2e	t	0,0	0,0	0,0
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,000
	Scope 2	Purchased electricity	CO2e	t	41,5	27,0	46,7
			Emissions intensity	tCO2e/per Number of employees	0,009	0,005	0,009
		Purchased heat	CO2e	t	0,8	6,9	8,9
			Emissions intensity	tCO2e/per Number of employees	0,000	0,001	0,002
	Scope 3	WTT and T&D emissions	CO2e	t	10,3	5,3	8,3
			Emissions intensity	tCO2e/per Number of employees	0,002	0,001	0,002
	Total	Total	CO2e	t	52,5	39,3	63,9
			Emissions intensity	tCO2e/per Number of employees	0,011	0,008	0,012
O2 ITS	Scope 1	Stationary combustion	CO2e	t	1,9	2,0	2,8
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,001
	Scope 1	Vehicles combustion	CO2e	t	0,0	0,0	0,7
			Emissions intensity	tCO2e/per Number of employees	0,000	0,000	0,000
	Scope 2	Purchased electricity	CO2e	t	387,7	374,0	586,2
			Emissions intensity	tCO2e/per Number of employees	0,081	0,075	0,115
		Purchased heat	CO2e	t	14,0	14,4	20,6
			Emissions intensity	tCO2e/per Number of employees	0,003	0,003	0,004
	Scope 3	WTT and T&D emissions	CO2e	t	97,4	61,3	92,1
			Emissions intensity	tCO2e/per Number of employees	0,020	0,012	0,018
Total	Total	CO2e	t	501,0	451,7	702,3	
		Emissions intensity	tCO2e/per Number of employees	0,104	0,090	0,137	
O2 SK	Scope 1	Stationary combustion	CO2e	t	8,6	0,0	0,0
			Emissions intensity	tCO2e/per Number of employees	0,002	0,000	0,000
	Scope 1	Vehicles combustion	CO2e	t	155,2	180,6	313,0
			Emissions intensity	tCO2e/per Number of employees	0,032	0,036	0,061
	Scope 2	Purchased electricity	CO2e	t	8 091,5	7 729,1	6 297,1
			Emissions intensity	tCO2e/per Number of employees	1,685	1,548	1,231
		Purchased heat	CO2e	t	91,5	0,0	13,4
			Emissions intensity	tCO2e/per Number of employees	0,019	0,000	0,003
	Scope 3	WTT and T&D emissions	CO2e	t	2 050,3	1 047,6	1 044,2
			Emissions intensity	tCO2e/per Number of employees	0,427	0,210	0,204
Total	Total	CO2e	t	10 397,1	8 957,3	7 667,8	
		Emissions intensity	tCO2e/per Number of employees	2,165	1,794	1,499	
O2 SK BS	Scope 1	Vehicles combustion	CO2e	t	0,0	47,0	60,8
			Emissions intensity	tCO2e/per Number of employees	0,000	0,009	0,012
	Scope 2	Purchased electricity	CO2e	t	0,0	50,9	46,9
			Emissions intensity	tCO2e/per Number of employees	0,000	0,010	0,009
	Scope 3	WTT and T&D emissions	CO2e	t	0,0	17,9	21,8
			Emissions intensity	tCO2e/per Number of employees	0,000	0,004	0,004
Total	Total	CO2e	t	0,0	115,8	129,5	
		Emissions intensity	tCO2e/per Number of employees	0,000	0,023	0,025	
O2 TV	Scope 1	Vehicles combustion	CO2e	t	25,4	17,0	16,4
			Emissions intensity	tCO2e/per Number of employees	0,005	0,003	0,003
	Scope 2	Purchased electricity	CO2e	t	100,1	69,2	0,0
			Emissions intensity	tCO2e/per Number of employees	0,021	0,014	0,000
	Scope 3	WTT and T&D emissions	CO2e	t	30,6	15,2	4,1
			Emissions intensity	tCO2e/per Number of employees	0,006	0,003	0,001
Total	Total	CO2e	t	156,0	101,4	20,5	
		Emissions intensity	tCO2e/per Number of employees	0,032	0,020	0,004	
ostatní (O2 CZ fleet)	Scope 1	Vehicles combustion	CO2e	t	78,8	87,4	88,1
			Emissions intensity	tCO2e/per Number of employees	0,016	0,018	0,017
	Scope 3	WTT and T&D emissions	CO2e	t	19,1	21,0	21,0
			Emissions intensity	tCO2e/per Number of employees	0,004	0,004	0,004
	Total	Total	CO2e	t	97,9	108,4	109,1
			Emissions intensity	tCO2e/per Number of employees	0,020	0,022	0,021
Total	Scope 1	Total	CO2e	t	1 930,6	2 011,5	2 860,1
			Emissions intensity	tCO2e/per Number of employees	0,402	0,403	0,559
	Scope 2	Total	CO2e	t	18 980,2	22 101,9	28 814,7
			Emissions intensity	tCO2e/per Number of employees	3,952	4,427	5,632
	Scope 3	Total	CO2e	t	5 704,4	3 823,3	5 026,4
			Emissions intensity	tCO2e/per Number of employees	1,188	0,766	0,982
Total	Total	CO2e	t	26 615,2	27 936,6	36 701,2	
		Emissions intensity	tCO2e/per Number of employees	5,541	5,595	7,174	