

Scope 1 – Gasverbruik | VenhoevenCS

Jaarrekening Greenchoice F9 en F19; verbruik 12 maanden evt middels berekening (zie onder)

Betreft: bosgecompenseerd gas

Berekening: CO₂ per m²

	2019	2020	2021	2022
Verbruik in m ³	1293	1652	3805	3325
Conversie factor	1,884	1,884	2,085	2,085
CO ₂ uitstoot totaal	2436	3112	7933	6933
Oppervlak huisvesting (m ²)	580	580	955	955
CO ₂ uitstoot per m ²	4,20	5,37	8,31	7,26

Opmerkingen:

per 2021 hebben we F19 erbij gekregen en is het aantal m² omhoog gegaan

per 2021 is de conversiefactor veranderd

Handboek 3.0

Berekening CO₂-emissies van gasgebruik

<https://www.co2emissiefactoren.nl/lijst-emissiefactoren/>

De cijfers voor de berekening van de emissies als gevolg van gasgebruik staan in het tabblad "Brandstoffen En"

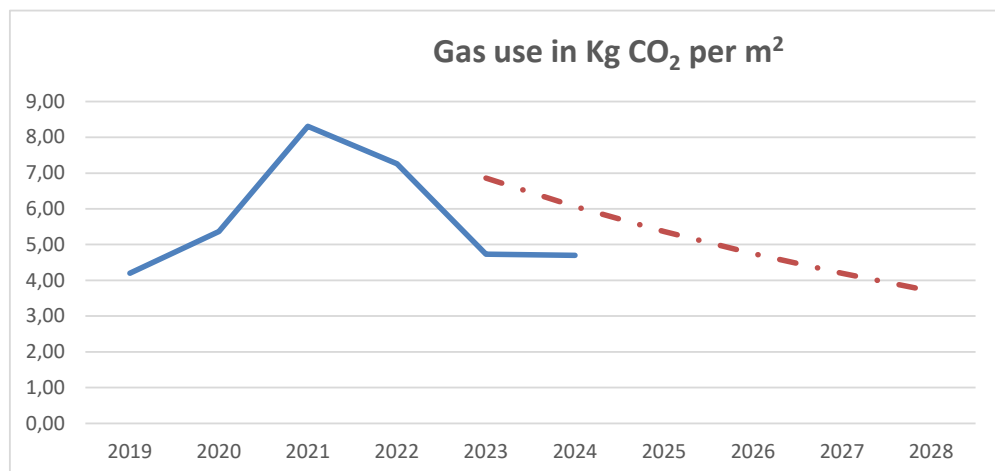
Jaar

Kg CO₂ per m²

Goal 2025

Goal 2028

2019	2020	2021	2022
4,20	5,37	8,31	7,26



datum	meterstand F9	Meterstand F19
01/12/2022	35053	31393

23/10/2023	36073	
27/11/2023		32327 Meters gereset
01/12/2023	180	38
Verbruik	1200	972

Q1 en Q2

2023	2024	2025	2026	2027
2172	1079			
2,079	2,079			
4516	2243			
955	955			
4,73	2,35			

2158
4486,482

“energieopwekking” in de kolom Well To Wheel (WTW).

2023	2024	2025	2026	2027	2028
4,73	4,70				
6,86	6,07	5,37	4,75	4,2	3,7



Target: 49% reduction in Kg CO2 per m2
2028
3,71

|

|

Scope 2 – Electriciteitsverbruik | VenhoevenCS

Jaarrekening Greenchoice F9 en F19; verbruik 12 maanden evt middels berekening (zie onder)

Betreft: 100% windenergie NL

berekening: kWh per m2

	2019	2020	2021	2022	2023
Verbruik in kWh	31549	26400	17320	34748	27897
Conversie factor	0	0	0	0	0
CO2 uitstoot totaal	0	0	0	0	0
Oppervlak huisvesting (m2)	580	580	955	955	955
Verbruik kWh per m2	54,39	45,52	18,14	36,39	29,21

Opmerkingen:
per 2021 hebben we F19 erbij gekregen en is het aantal m2 omhoog gegaan

Handboek 3.0

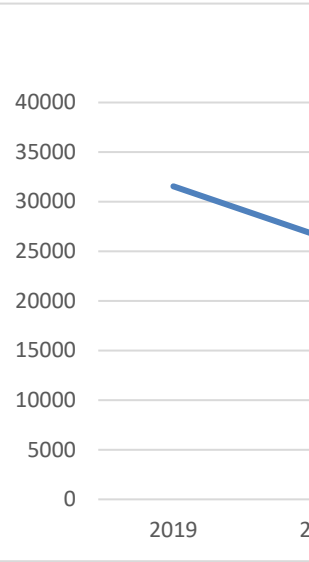
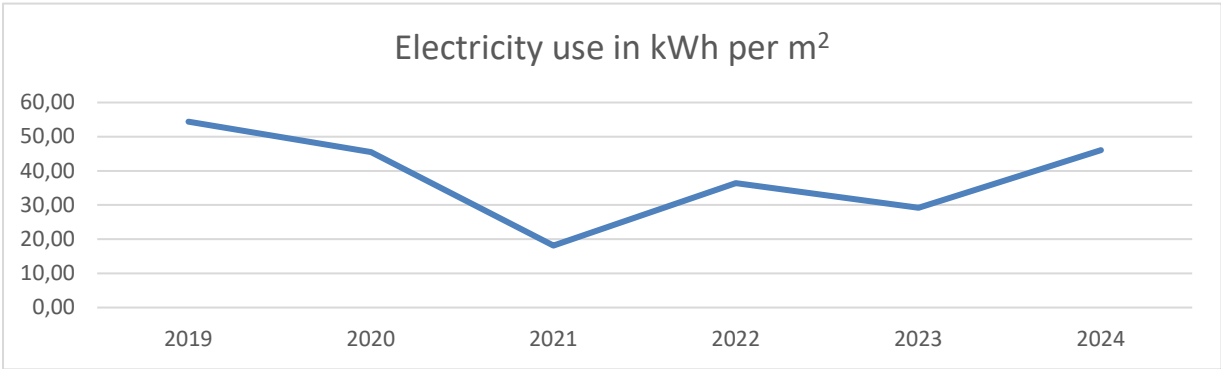
Berekening CO2-emissies van elektriciteitsgebruik

<https://www.co2emissiefactoren.nl/lijst-emissiefactoren/>

De cijfers voor de berekening van de emissies als gevolg van elektriciteitsgebruik staan in het tabblad “Elektriciteit” in de kolom Well To Wheel (WTW).

Groene stroom moet in NL opgewekt zijn en aangetoond worden ‘garanties van oorsprong’ worden voorgelegd

2019	2020	2021	2022	2023	2024
54,39	45,52	18,14	36,39	29,21	46,04



datum	meterstand F9	Meterstand F19 (slimme meter)
01/12/2022	647664	35428
23/10/2023	665817	
27/11/2023		42142 Meters gereset
01/12/2023	2738	292

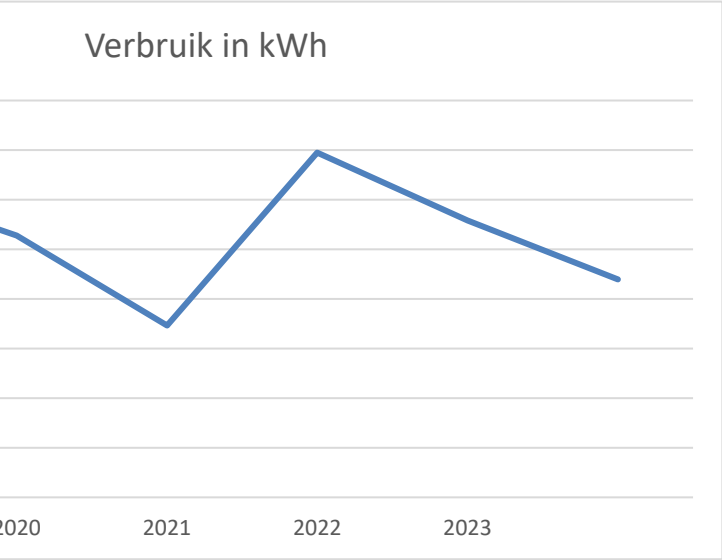
Verbruik	20891	7006
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Q1 en Q2	
	2024
	21982
	0
	0
	955
	23,02

43964

2025	2026	2027
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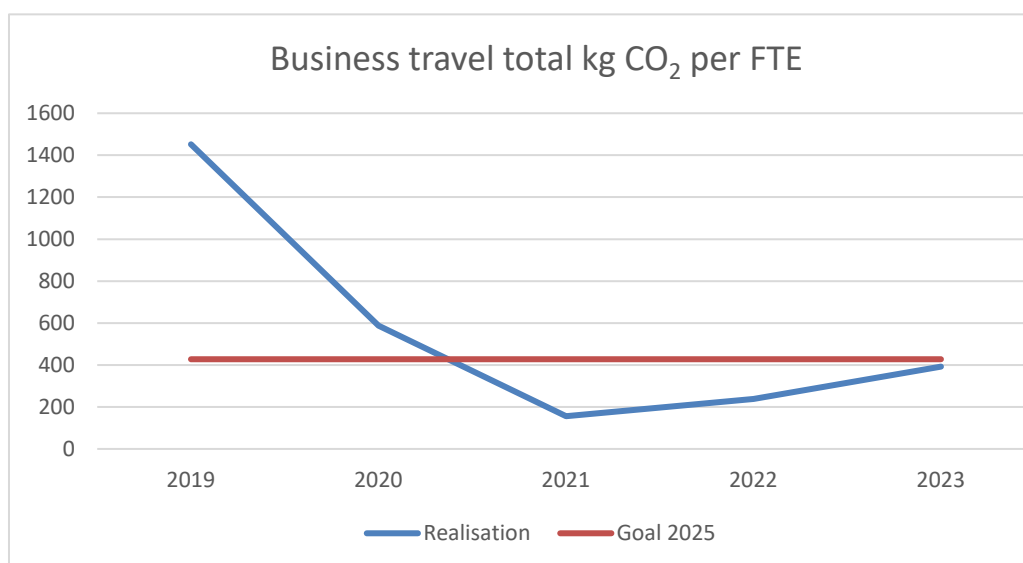
Target: 15% reduction in Kg CO2 per m2
2028
31,00



23,39
43,01%

Scope 2 – Business Travel Total | VenhoevenCS

Jaar	2019	2020	2021	2022
<i>Kg CO₂ business travel operations per FTE</i>	596	16	29	74
<i>Kg CO₂ business travel projects per FTE</i>	856	571	127	164
Realisation	1452	587	156	238
Goal 2025	427,5	427,5	427,5	427,5



Breakdown	km	conversion	Kg CO2	Ton CO2
Business travel private car	133	0,193	26	0,0
Business travel private car electric (grey)	1.895	0,094	178	0,2
Business travel private car electric (green)	0	0,002	0	0,0
Business travel shared car (petrol-small)	2.899	0,174	504	0,5
Business travel shared car electric (grey)	1.418	0,094	133	0,1
International train travel	710	0,017	12	0,0
Air travel <700 km	1.240	0,234	290	0,3
Air travel 700-2500 km	0	0,172	0	0,0
Air travel >2500 km	0	0,157	0	0,0
				1,1
				4,5

Q1 en Q2

2023	2024	2025	2026	2027	2028
110	102				
283	27				31
393	129				
427,5					

Scope 2 – Business Travel Operations | VenhoevenCS

Uit AFAS - grootboek: 4631 + 4632 + 4642 + 4640

berekening: CO2 per Fte

Bij onderstaande overzichten is nog uit gegaan van oude omrekenfactoren van € OV naar KM.

OV conversiefactor: 0,106

OV incl trein vanaf 2021 conversiefactor: 0,122

Trein INT conversiefactor: 0,138604

Brekenen afstand vluchten met

<https://nl.distance.to/>

Let op: We berekenen alleen die vluchten in in dit jaar genomen zijn, niet die betaald zijn d

2024 cQ1 en Q2

Auto	Business travel private car	80	km
	Business travel private car electric (grey)	510	km
	Business travel private car electric (green)	0	km
	Business travel shared car (petrol-small)	135	km
	Business travel shared car electric (grey)	141	km
	Business travel shared car electric (green)	0	km
Trein int	Regionaal <700 km	137	km
Vliegreizen	Regionaal <700 km	0	km
	Europees 700 - 2500 km	0	km
	Intercontinentaal >2500 km	0	km

Total Business travel Operations in Kg CO₂

Waarvan vliegreizen

FTE

Total Business travel Operations in Kg CO₂ per FTE



OF

it jaar, maar volgende jaar pas gaan



0,193 15

0,094 48

0,002 0

0,174 23

0,094 13

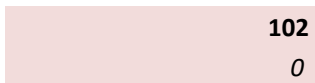
0,002 0

0,017 2

0,234 0

0,172 0

0,157 0



39

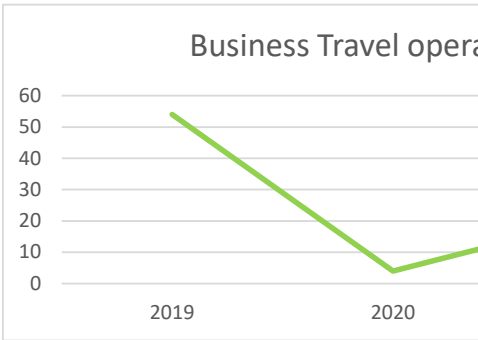
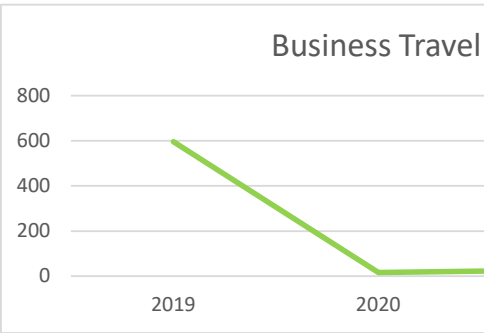


Voorstel Nienke is factor uit 2016: 0,169 gebruiken, maar ik heb dit nog niet doorgevoerd.
<https://www.treinonderweg.nl/wat-kost-de-trein.html>

Scope 2 - Business Travel Operations | VenhoevenCS

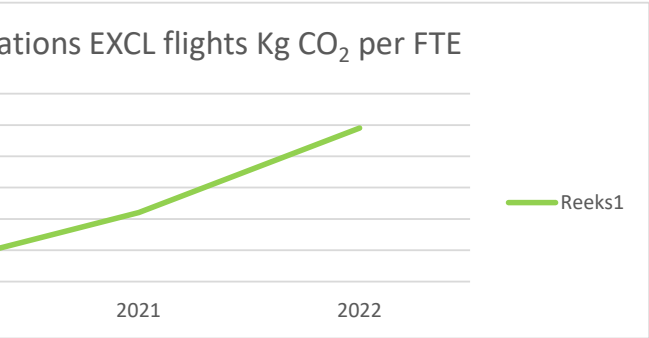
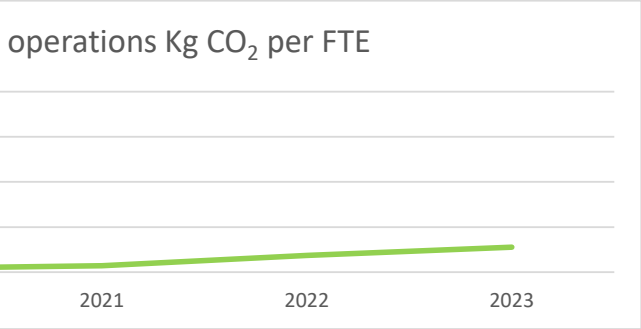
	2019	2020
<i>Kg CO₂ business travel operations per FTE</i>	596	16

	2019	2020
<i>Kg CO₂ business travel operations excl flight per Fte</i>	54	4



Q1 en Q2							
2021	2022	2023	2024	2025	2026	2027	2028
29	74	110	3				

2021	2022	2023	2024	2025	2026	2027	2028
22	49	2	3				



Scope 2 – Business Travel Operations by CAR| Venhoeven

Uit AFAS - verschillende grootboeken

berekening: CO2 per Fte

	2019	2020
Total Business travel by Car in Kg CO ₂	1466	153
Year average FTe	33	43
Totale uitstoot business travel operations per FTe	45	4

2024		km
Car	Business travel private car	80
	Business travel private car electric (grey)	510
	Business travel private car electric (green)	0
	Business travel shared car (petrol-small)	135
	Business travel shared car electric (grey)	141
	Business travel shared car electric (green)	0
Totaal uitstoot travel operations		866

	2019	2020	2021
KG CO2 per FTE	45	4	16
Goal			

Reduction possibilities

Reference year 2022		KM
Car	Business travel private car	6539
	Business travel private car electric (grey)	6940
	Business travel private car electric (green)	0
	Business travel shared car (petrol-small)	596
	Business travel shared car electric (grey)	677
	Business travel shared car electric (green)	0
Totaal uitstoot travel operations		14752

What would the emissions be if we would use only		km
	Business travel private car	0
	Business travel private car electric (grey)	0
	Business travel private car electric (green)	13479
	Business travel shared car (petrol-small)	298
	Business travel shared car electric (grey)	637
	Business travel shared car electric (green)	339
based on km driven in 2022		14752

This would give more than 95% reduction in CO2 emissions

2023		km
Car	Business travel private car	8820
	Business travel private car electric (grey)	8122
	Business travel private car electric (green)	0
	Business travel shared car (petrol-small)	1005
	Business travel shared car electric (grey)	424
	Business travel shared car electric (green)	0
Totaal uitstoot travel operations		18371

CS

Q1 en Q2					
2021	2022	2023	2024	2025	2026
901	2158	2680	100		
57	52	42	39		
16	41	64	3		

conversion	Kg CO ₂
0,193	15
0,094	48
0,002	0
0,174	23
0,094	13
0,002	0
	100

2022	2023	2024	2025	2026	2027
41	64	5			
39	34	28	25	23	21

10
19,73%

conversion	Kg CO ₂
0,193	1.262
0,104	722
0,002	0
0,174	104
0,104	70
0,002	0
	2.158

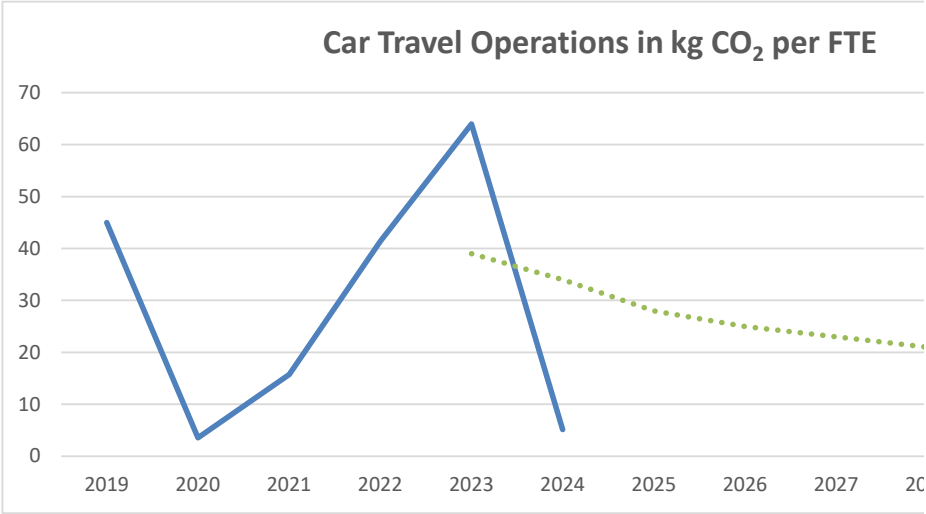
Conversion	
factor	Kg CO ₂
0,193	0
0,104	0
0,002	27
0,174	52
0,104	66
0,002	1
146	

<i>conversion</i>	<i>Kg CO₂</i>
0,193	1.702
0,094	763
0,002	0
0,174	175
0,094	40
0,002	0
2.680	

2027

Target: 49% reduction in Kg CO2 per FTE	
2028	
21	

2028





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Scope 2 – Business Travel Projects | VenhoevenCS

Uit AFAS - nacaclulatie overzicht: D014 + D015 + D010 + D013

berekening: CO2 per omzet per regio

Bij onderstaande overzichten is nog uit gegaan van oude omrekenfactoren van € OV naar KM.

Trein €-conversiefactor: 0,138604

OV €-conversiefactor: 0,106

OV incl trein vanaf 2021 conversiefactor: 0,122

Trein INT conversiefactor: 0,138604

Brekenen afstand vluchten met

<https://nl.distance>

Let op: We berekenen alleen die vluchten in in dit jaar genomen zijn, niet die betaald zijn dit

2023		
Auto	Business travel private car	53
	Business travel private car electric (grey)	1385
	Business travel private car electric (green)	0
	Business travel shared car (petrol-small)	2764
	Business travel shared car electric (grey)	1277
	Business travel shared car electric (green)	0
Trein int	Regionaal <700 km	573
Vliegweizen	Regionaal <700 km	1240
	Europees 700 - 2500 km	0
	Intercontinentaal >2500 km	0

Total Business travel Projects in Kg CO₂

Waarvan vliegweizen

FTE

Total Business travel Operations in Kg CO₂ per FTE



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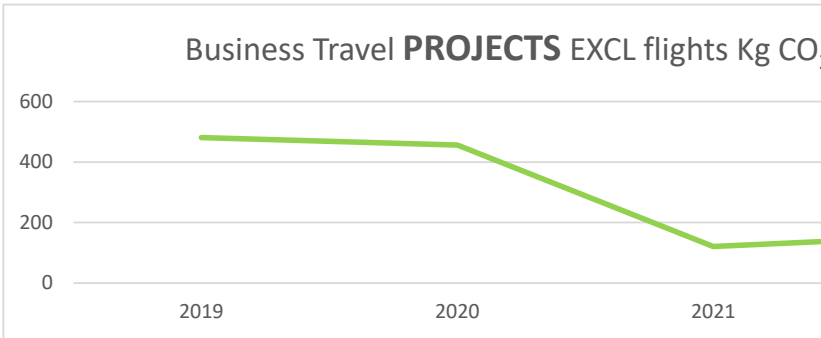
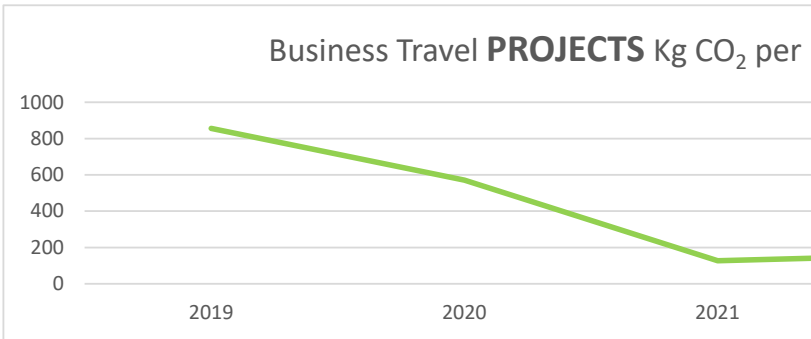
jaar, maar volgende jaar pas gaan

km	0,193	10
km	0,094	130
km	0,002	0
km	0,174	481
km	0,094	120
km	0,002	0
km	0,017	10
km	0,234	290
km	0,172	0
km	0,157	0
		1.041
		290
		39
		27

Voorstel Nienke is factor uit 2016: 0,169 gebruiken, maar ik heb dit nog niet doorgevoerd.
<https://www.treinonderweg.nl/wat-kost-de-trein.html>

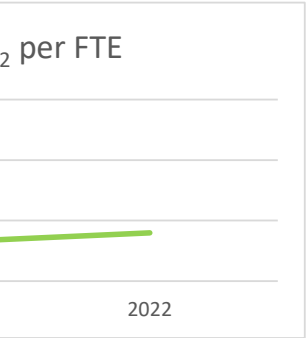
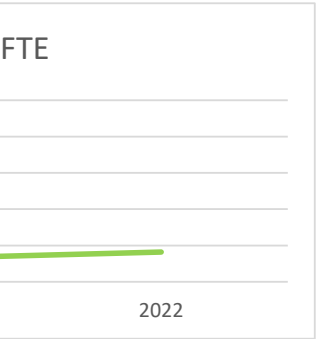
Scope 2 - Business Travel Projects | VenhoevenCS

Uitstoot	2019
<i>Kg CO₂ business travel projects per FTE</i>	856
Uitstoot	2019
<i>Kg CO₂ business travel projects EX Flights per FTE</i>	481



2020	2021	2022	2023	2024
571	127	164	283	27

2020	2021	2022	2023	2024
456	121	159	18	19



2025	2026	2027	2028
31			

2025	2026	2027	2028
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Scope 2 – Business Travel Projects CAR | VenhoevenCS

Uit AFAS - verschillende grootboeken betreffende projectboekingen

berekening: CO2 per omzet per regio

	2019
Total Business travel by Car in Kg CO ₂	13443
Year average FTE	33
Totale uitstoot business travel operations per FTE	407

2023		km
Car	Business travel private car	53
	Business travel private car electric (grey)	1385
	Business travel private car electric (green)	0
	Business travel shared car (petrol-small)	2764
	Business travel shared car electric (grey)	1277
	Business travel shared car electric (green)	0
Totaal uitstoot travel operations		

	2019	2020
KG CO2 per FTE	407	437
Goal		

Reduction possibilities

Reference year 2022		KM
Car	Business travel private car	11.271
	Business travel private car electric (grey)	15.618
	Business travel private car electric (green)	0
	Business travel shared car (petrol-small)	6.459
	Business travel shared car electric (grey)	5.396
	Business travel shared car electric (green)	0
Totaal uitstoot travel operations		38.744

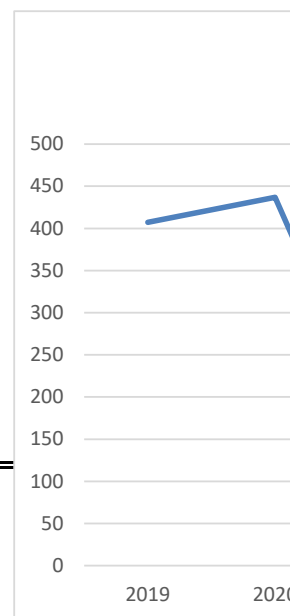
What would the emissions be if we would use only	km
Business travel private car	0
Business travel private car electric (grey)	0
Business travel private car electric (green)	26.889
Business travel shared car (petrol-small)	3.230
Business travel shared car electric (grey)	5.928
Business travel shared car electric (green)	2.698
based on km driven in 2022	38.744

This would give 75% reduction in CO2 emissions

Q1 en Q2						
2020	2021	2022	2023	2024	2025	2026
18786	5359	5485	2465	741		
43	57	52	42	39		
437	94	105	59	19		

<i>conversion</i>	<i>Kg CO₂</i>
0,193	10
0,094	130
0,002	0
0,174	481
0,094	120
0,002	0
	741

2021	2022	2023	2024	2025	2026	2027
94	105	59	38			
	121	115	100	82	67	56

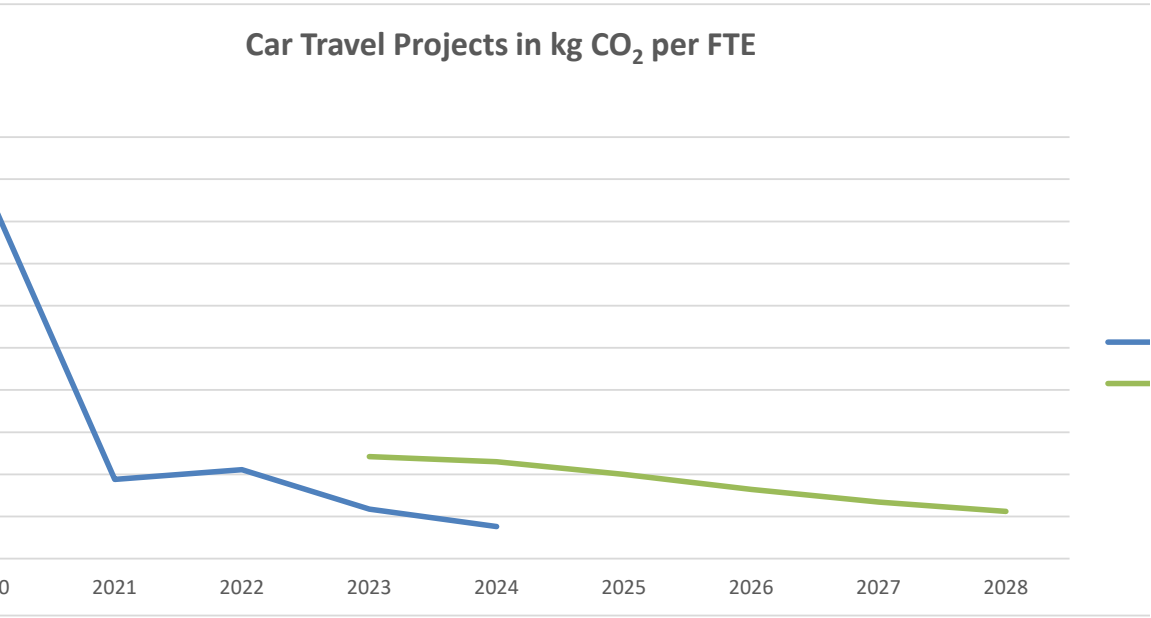


<i>conversion</i>	<i>Kg CO₂</i>
0,193	2.175
0,104	1.624
0,002	0
0,174	1.124
0,104	561
0,002	0
	5.485

Conversion factor	Kg CO ₂
0,193	0
0,104	0
0,002	54
0,174	562
0,104	616
0,002	5
	1.238

2027	Target: 54% reduction in Kg CO2 per FTE
	2028
	56

2028



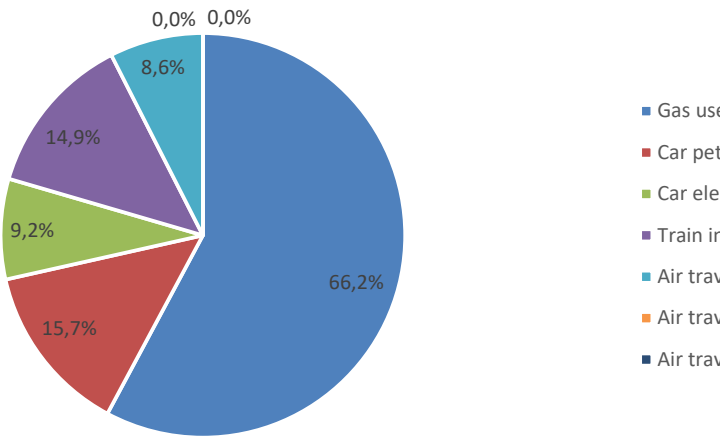
■ Reeks10
■ Goal 2028



C02 FOOTPRINT | VENHOEVENS 2024 Q1 en Q2

Category	Type	Scope	Operations/Projects	Emission Total in Kg
Housing	Gas use		1 Operations	2.243
Housing	Electricity use		2 Operations	0
Mobility	Business Travel		2 Operations	102
Mobility	Business Travel		2 Projects	1.041
				3.387
Mobility	Business Travel		2 Car petrol	530
Mobility	Business Travel		2 Car electric (grey)	311
Mobility	Business Travel		2 Train international	504
Mobility	Business Travel		2 Air travel <700 km	290
Mobility	Business Travel		2 Air travel 700-2500 km	0
Mobility	Business Travel		2 Air travel >2500 km	0
Gas use		66,2%		
Car petrol		15,7%		
Car electric		9,2%		
Train international		14,9%		
Air travel <700 km		8,6%		
Air travel 700-2500 kr		0,0%		
Air travel >2500 km		0,0%		

Energy Assessment 2024 Q1 en Q2



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nternational

vel <700 km

vel 700-2500 km

vel >2500 km

Scope 1 & 2 Graphs

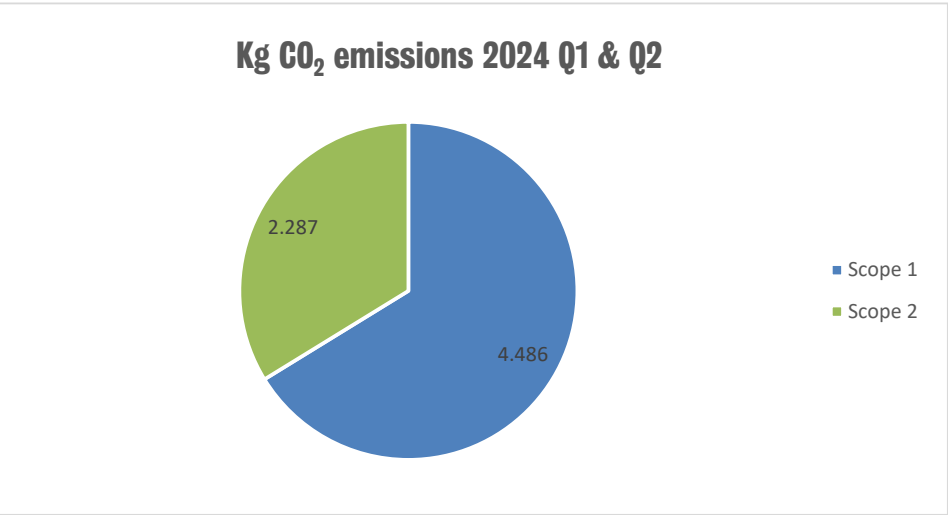
Scope 1 Total emissions in Kg		2017	2018	2019	2020	2021	2022	2023	2024
Jaar									
KG CO2		2.231	2.116	2.438	3.110	7.933	6.935	4.516	2.243

Scope 2 Total emissions in Kg		2017	2018	2019	2020	2021	2022	2023	2024
Jaar									
KG CO2		45.180	47.587	49.691	25.790	9.364	12.407	16.471	1.144

Scope 1+ 2 Total emissions in Kg		2017	2018	2019	2020	2021	2022	2023	2024
Jaar									
Realisation		47.411	49.703	52.129	28.900	17.297	21.262	20.987	3.387
Goal 2025		37.929	37.929	37.929	37.929	37.929	37.929	37.929	37.929
Goal 2028									13.539

Current Year

	2024	
Scope 1	4.486	66,23%
Scope 2	2.287	33,77%
Total	6.774	



Current Year Scope 2 breakdown

Electricity	0
Business travel operati	102
Business travel project	1.041

Total	1.144
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Current Year Business Travel Operations Breakdown

Car travel	100
Internation	2
Regional fli	0
European f	0
Intercontin	0

Current Year Business Travel Projects Breakdown

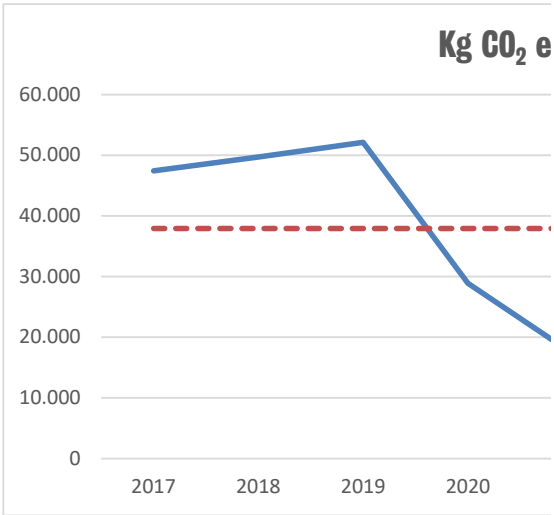
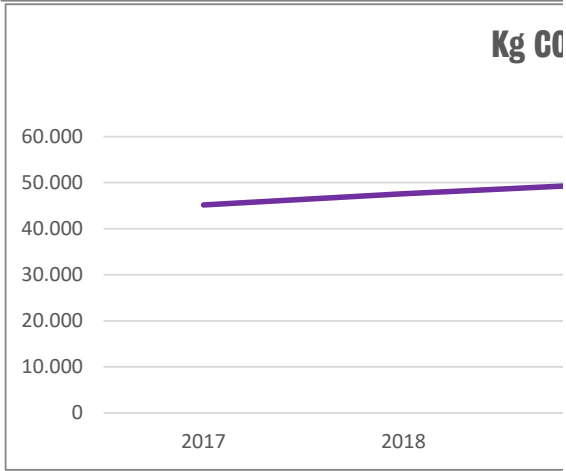
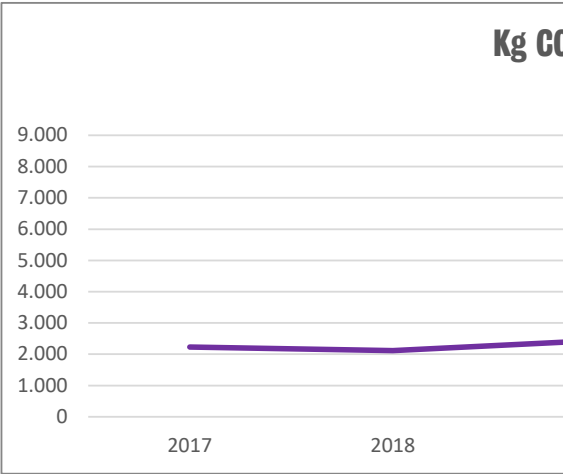
Car travel	741
Internation	10
Regional fli	290
European f	0
Intercontin	0

2025	2026	2027	2028

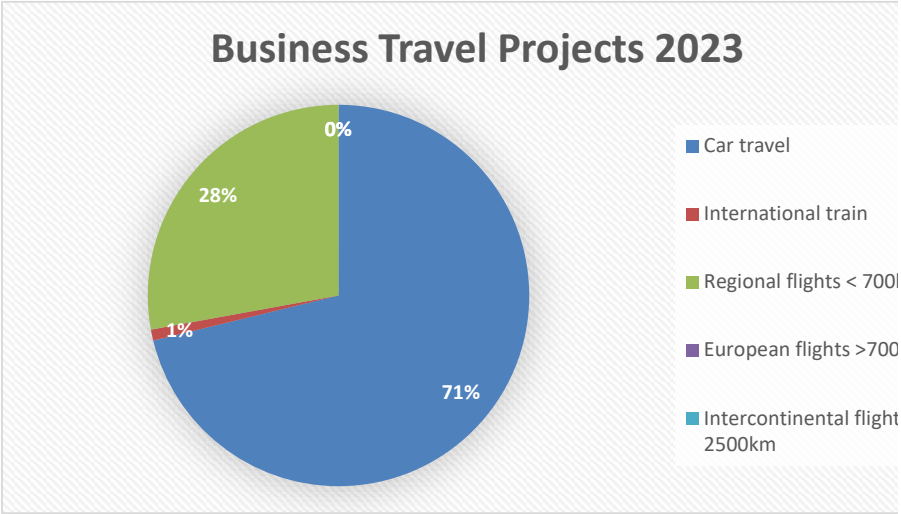
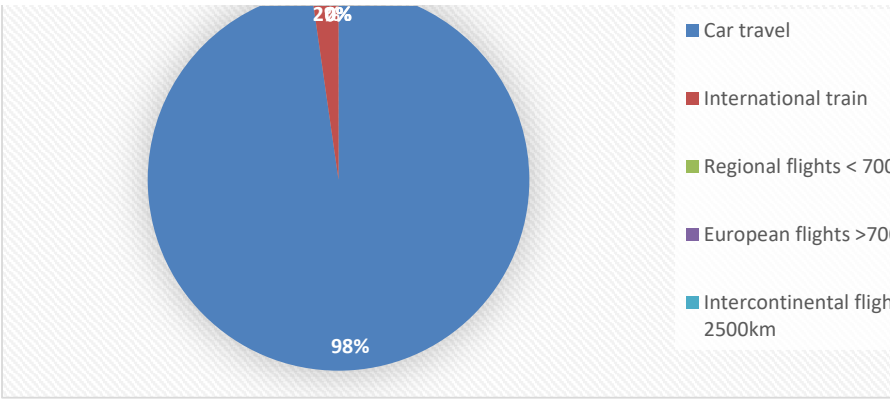
2025	2026	2027	2028

2025	2026	2027	2028
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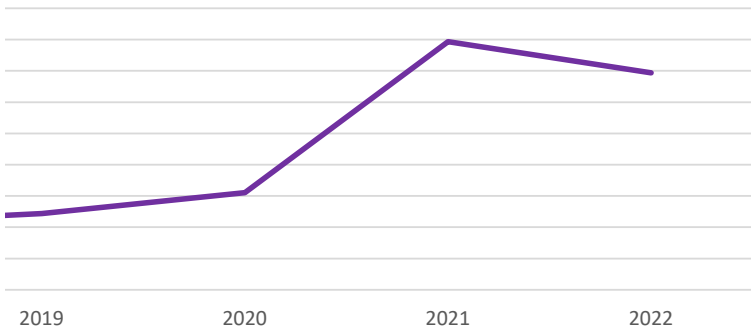
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13.539 13.539 13.539 13.539



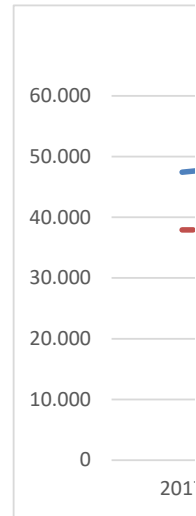
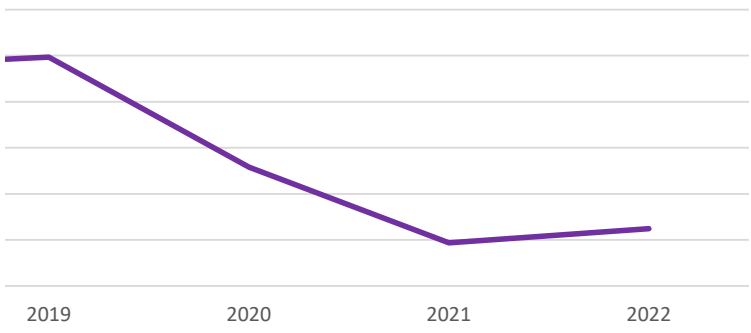
Business Travel Operations 2023



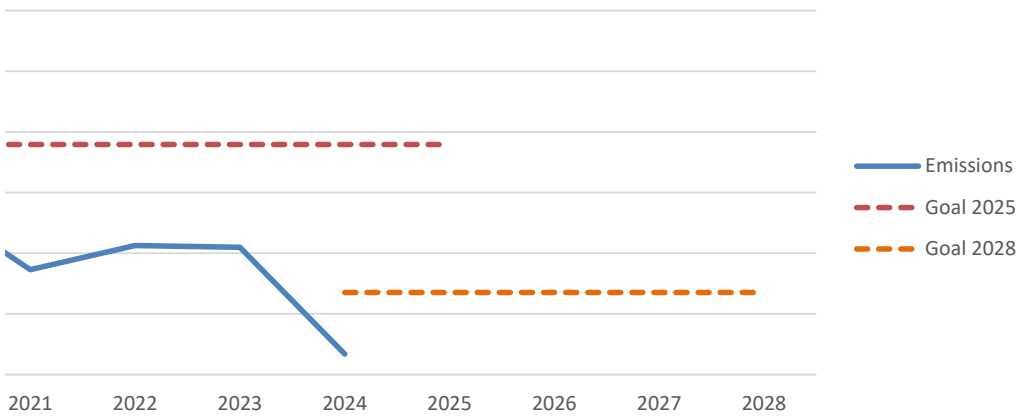
CO₂ emissions scope 1



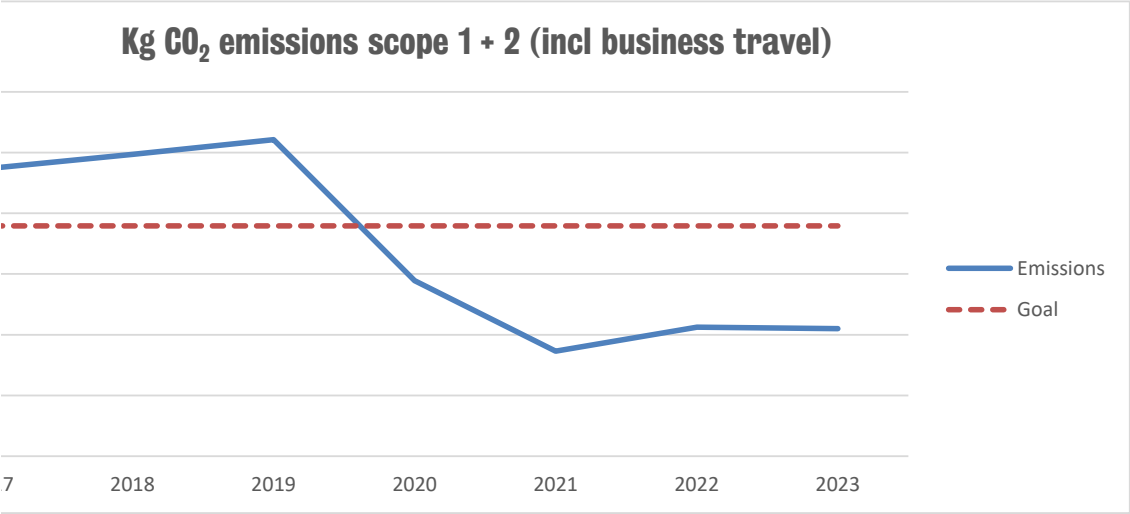
CO₂ emissions scope 2



CO₂ emissions scope 1 + 2 (incl business travel)







CO2 emissions VenhoevenCS

Total emissions in Kg

2017	2018	2019	2020	2021	2022	2023	2024	2025
60.554	56.040	71.269	44.577	24.902	33.370			

Deze kunnen we niet meer berekenen omdat we scope 3 niet meer meenemen in deze berekeningen
Scope 3 zit alleen nog in de Kwantitatieve scope 3 analyse

FTE

2017	2018	2019	2020	2021	2022	2023	2024	2025
31	29,03	32,59	43	57,19	52,2	42		

Total emission in Kg per FTE

2017	2018	2019	2020	2021	2022	2023	2024	2025
1.953	1.930	2.187	1.037	435	639			

Deze kunnen we niet meer berekenen omdat we scope 3 niet meer meenemen in deze berekeningen
Scope 3 zit alleen nog in de Kwantitatieve scope 3 analyse

Total emission in Kg per m2

2017	2018	2019	2020	2021	2022	2023	2024	2025
104	97	123	77	26	34			

Total emission in Kg per 100 euro gross revenue

2017	2018	2019	2020	2021	2022	2023	2024	2025
2,5	2,2	2,4	1,2	0,4	0,7			

Scope 3 Total emissions in Kg

2017	2018	2019	2020	2021	2022	2023	2024	2025

13.143	6.337	19.140	15.677	7.604	10.411			
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2026	2027	2028

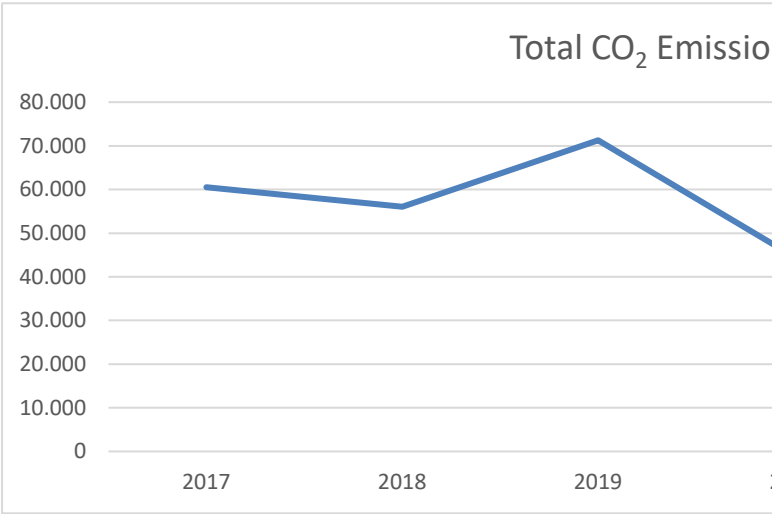
2026	2027	2028

2026	2027	2028

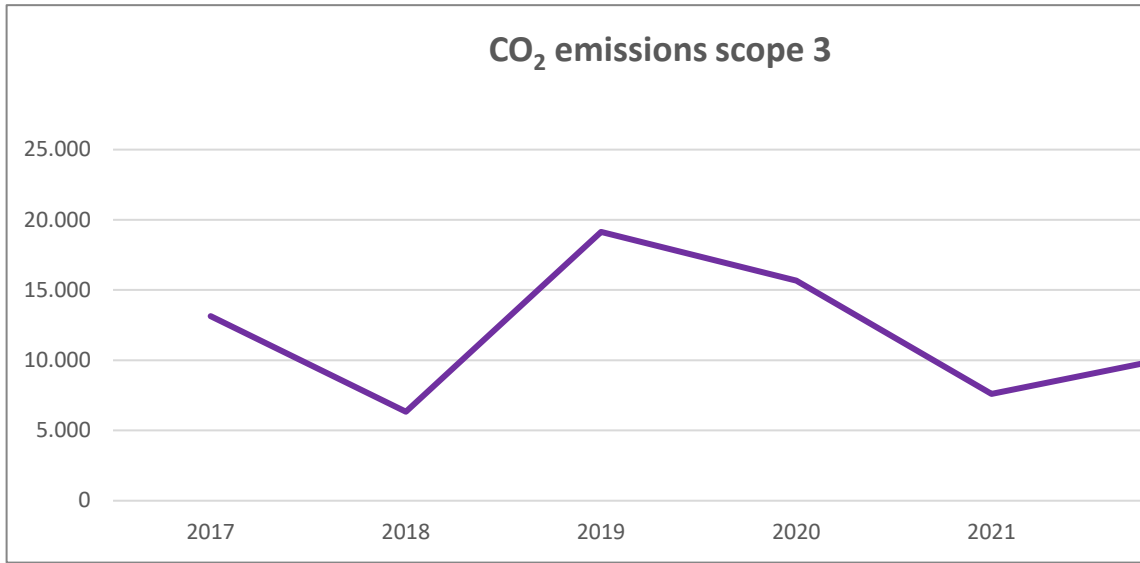
2026	2027	2028

2026	2027	2028

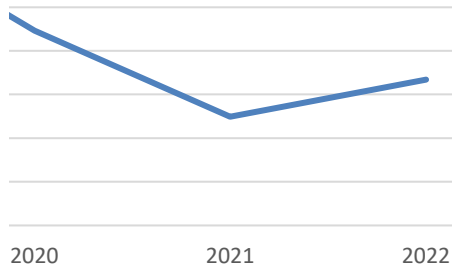
2026	2027	2028
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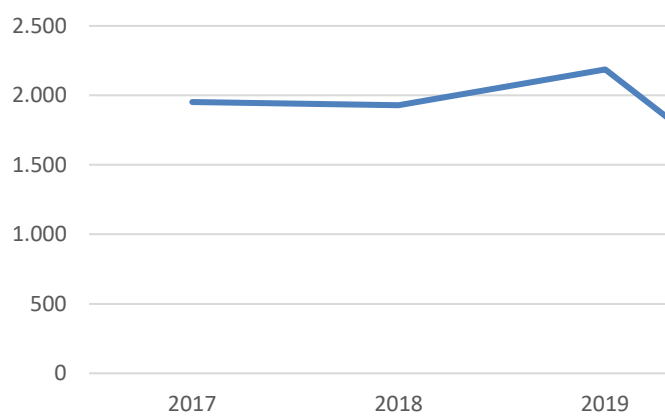
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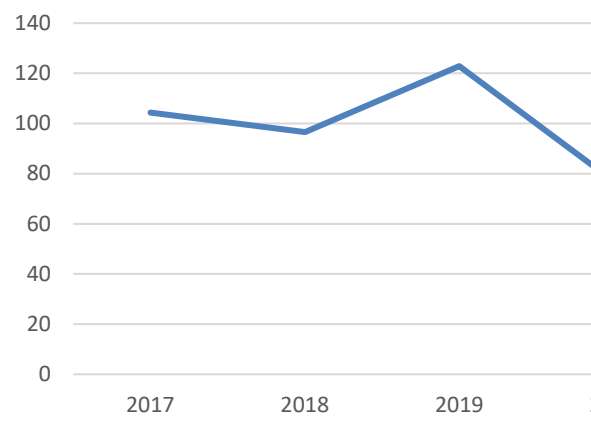
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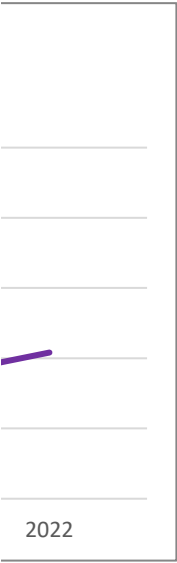


CO₂ emissi

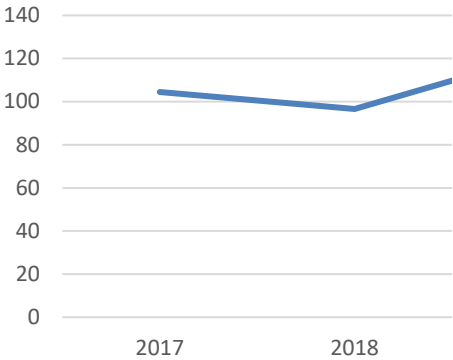
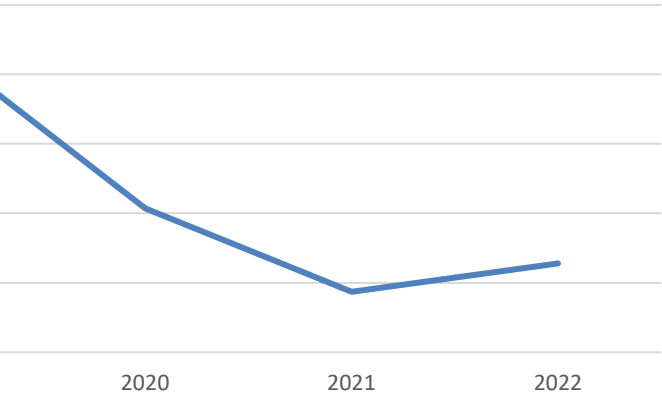


CO₂ emissions per 100 eur

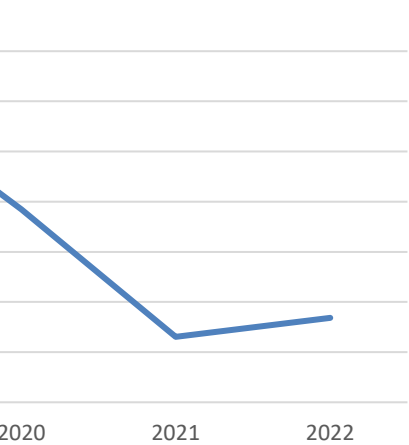




ons per FTE



o gross revenue



CO₂ emissions per m²

