

CO₂ Performance Ladder Progress Report

VenhoevenCS
architecture+urbanism

Year
Period

2019
Q1 tm Q2

Definitions

Scope 1	Direct emissions inside the company
Definition	through the use of fuel (like gas for heating or petrol for cars)
VenhoevenCS	use of gas for heating the office
Scope 2	Indirect emissions inside the company
Definition	through purchased energy
VenhoevenCS	electricity use in the office km with cars (private, rented, shared) km made through use of public transport (train, tram, bus, metro) km made through flights
Scope 3	Indirect emissions in the value chain
Definition	both upstream and downstream
VenhoevenCS	km made for commuting between home and work kg of paper usage km made by suppliers (cleaning and waste, F&B, couriers, office supplies, etc) emissions made by subcontractors

Definitions

Scope 3 Chain Responsibility

VenhoevenCS

Our current chain analysis goal was defined in 2016 as:

“By 2018, all new buildings designed by VenhoevenCS have to perform 10% better than the current EPC-requirements”

In 2019 we postponed creating a new chain analysis by sharpening the definition:

“By 2020, all new buildings designed by VenhoevenCS have to perform 20% better than the current EPC-requirements”

In 2020 we will make a new chain analysis and set goals for the next 6 years.

Goals

Our CO₂ reduction goals

A. General

20% reduction of emissions for scope 1 -3 (operations and projects) in 2025 as compared to 2015, calculated as kg CO₂ per FTE

B. Scope 1

60% reduction of emissions through use of gas for heating our office in 2020 as compared to 2015, calculated as kg CO₂ per FTE

Goals

Our CO2 reduction goals

C. Scope 2

- 100% reduction of emissions through use of electricity in our office in 2017 as compared to 2015, calculated as kg CO₂ per FTE
- 25% reduction of emissions through travel (car and public transport) in our projects in 2025 as compared to 2015, calculated as kg CO₂ per FTE

D. Scope 3 (in 2019)

20% better EPC - performance than required by law of all buildings designed by 2020

Progress

A. General Reduction CO₂ of 20% (2015-2025)

	2015	2016	2017	2018	2019	2025	
Goal	4130	4047	3965	3882	3800	3304	kg CO ₂ per FTE
Realized	4130	2528	1953	1930	2067		kg CO ₂ per FTE

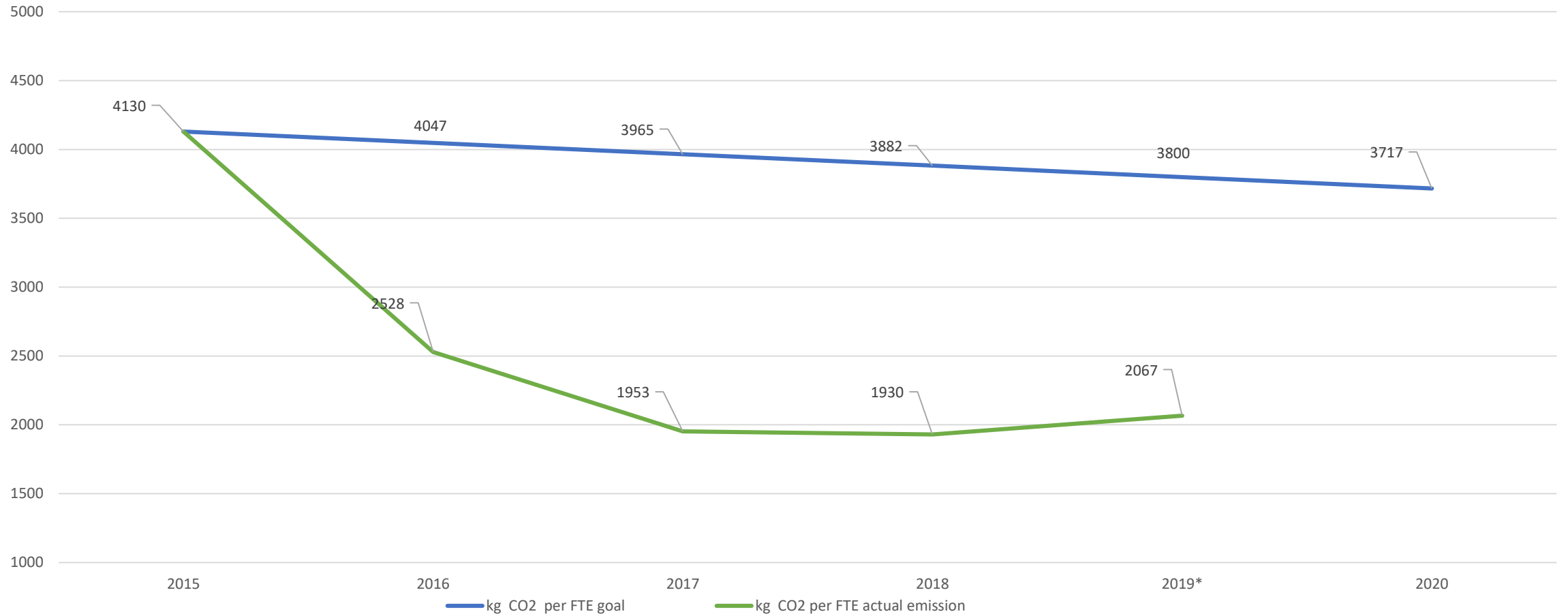
NB prognoses based on calculation Q1 and Q2 extrapolated for the whole year

Dutch benchmarks vary widely per type of organization. An organization that works

- mostly local and whose employees do not visit many relations, averages 1.000 kgCO₂ per FTE
- national and whose employees visit relations regularly, averages 4.000 kgCO₂ per FTE
- internationally and whose employees visit international relations regularly, or has a branch abroad, averages 12.000 kgCO₂ per FTE

Progress

Progress annual CO₂ reduction VenhoevenCS



Progress

B. Scope 1: Reduction CO₂ through gas-use with 60% (2015-2020)

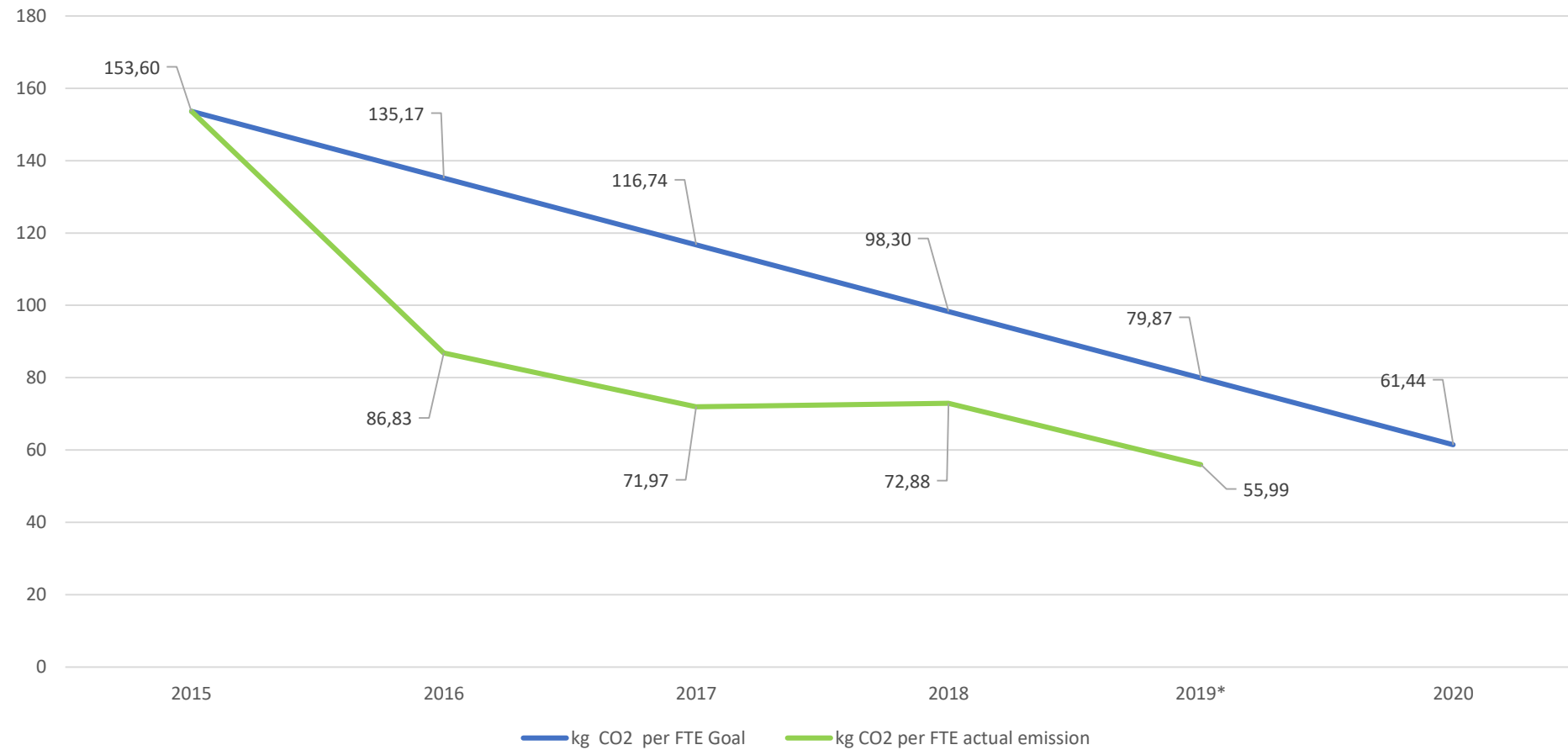
	2015	2016	2017	2018	2019	2020	
Goal	153.6	135.2	116.7	98.3	79.87	61.4	kg CO ₂ per FTE
Realized	153.6	86.8	71.9	72.88	55.99		kg CO ₂ per FTE

NB prognoses based on calculation Q1 and Q2 extrapolated for the whole year

We switched to green (forest compensated) gas in May 2017

Progress

Progress scope 1 | VenhoevenCS



Progress

C. Scope 2

Reduction CO₂ through electricity use 100% (2015-2017)

	2015	2016	2017	2018	
Goal	659.0	329.5	0	0	kg CO ₂ per FTE
Realized	659.0	565.5	193.3	0	kg CO ₂ per FTE

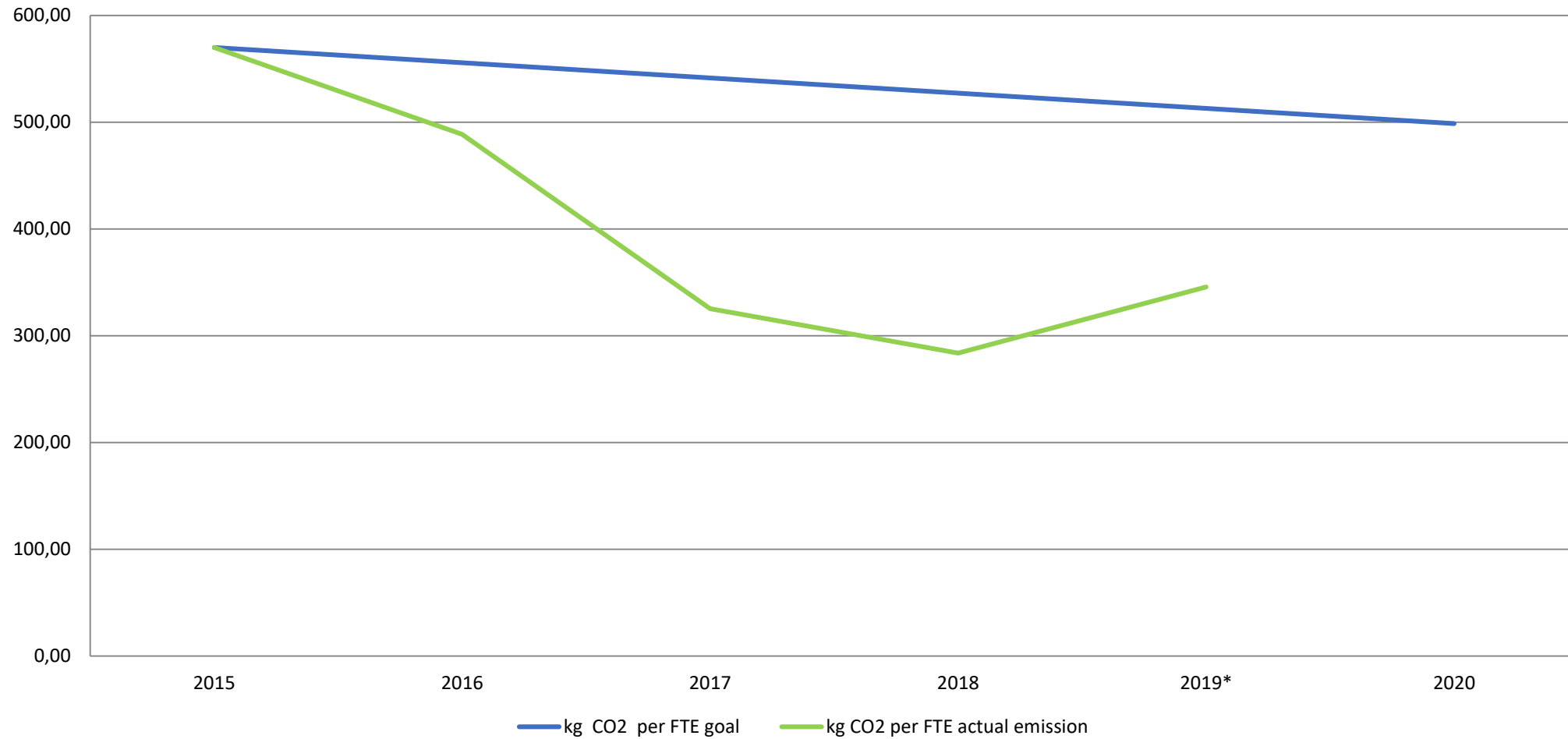
We switched to 100% certified Dutch wind energy in May 2017

Reduction CO₂ 25% through travel in our projects (2015-2025)

	2015	2016	2017	2018	2019	2025	
Goal	570.0	555.8	541.5	527.5	513	427.5	kg CO ₂ per FTE
Realized	570.0	488.5	325.3	283.6	345,6		kg CO ₂ per FTE

Progress

Progress scope 2 | business travel



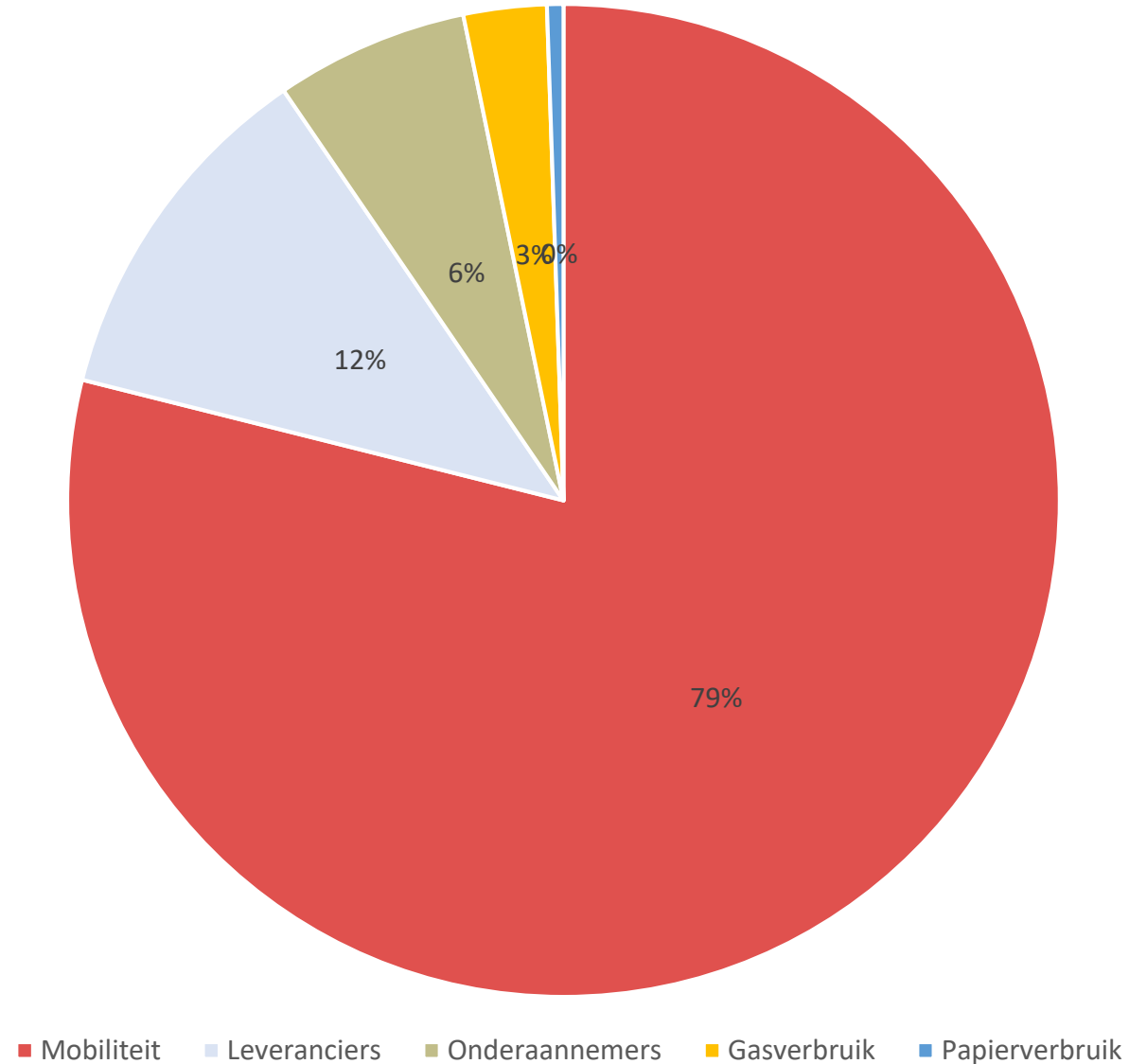
Progress

D. Scope 3

Projectnaam	Type	Jaar	KG CO2 per m2 richtlijn	KG CO2 per m2 daadwerkelijke uitstoot	on target?	KG CO2 per m2 goal	percentage beter dan huidige EPC
Het Platform	mixed use	2015	25	19,27	JA	22,5	23%
Sportcentrum Europapark	sports & leisure	2015	14	-0,55984384	JA	12,6	104%
Zwembad Oostende	appartementen	2016	10	nog niet bekend		9	
Zwembad Oostende	sports & leisure	2016	14	nog niet bekend		12,6	
Zwembad Ronse	sports & leisure	2016	14	nog niet bekend		12,6	
<i>Herontwikkeling Egmond</i>	<i>appartementen</i>	<i>2016</i>	<i>10</i>	<i>Project on hold</i>		9	
<i>Herontwikkeling Egmond</i>	<i>sports & leisure</i>	<i>2016</i>	<i>14</i>	<i>Project on hold</i>		12,6	
Erven Wickevoort	appartementen	2017	10	nog niet bekend		9	
Podium26	mixed use	2018	25	nog niet bekend		22,5	
Zwembad Dronten	sports & leisure	2018	14	-0,016842105	JA	12,6	100%
Blokken BC	appartementen	2018	10	6,7	JA	9	33%
Gymworld Zoetermeer	sports & leisure	2018	14	0	JA	12,6	100%
BioScience Park		2019		nog niet bekend			
Post NL Alkmaar	mixed use	2019	25	nog niet bekend		20	
Sportcentrum EUR	sports & leisure	2019	14	nog niet bekend		11,2	
Zwembad Zoetermeer	sports & leisure	2019	14	nog niet bekend		11,2	

Projected footprint 2019

66,031 kg

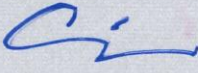



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