

Management summary Carbon footprint

Egis Parking Services carries out an active program in the context of its sustainability policy based on the carbon-performance ladder of SKAO compatible with GHG Protocol and NEN-ISO 14064. The growing concern with the environment, in particular the possibility of climate change through global warming, has led to a focus on how business activities have the potential to adversely impact the long-term sustainability of the planet. 'Meeting the needs of the present without compromising the ability of future generations to meet their own needs' is a definition which EPS aims to be a part of.

What is our carbon footprint?

EPS succeeded in mapping its emissions and then subdivide them into Scopes. This carbon emission inventory^(figure 1) reports on direct and indirect emissions as a result of the business activities.

Reduction targets

Building upon the inventory EPS has set goals for reduction. This has been worked out at a detailed level in an *Energy Management Program*.

Scope¹: Working with scan-vehicles through the city, EPS recognises that the fuel use represents the major part of the emission. Green solution: Replacing all fuel vehicles by full-electric vehicles will reduce our fuel carbon emission to zero!

Scope²: As a direct result of this, the electricity consumption will increase compared to currently measured. Green solution: Switching to 'Green electricity' based on sustainable energy sources such as sun, wind and geothermal energy this doesn't cause air pollution nor carbon emission, bringing emission to zero! The switch will take place at the start of 2019.

Scope³: Apart from the carbon footprint, EPS has put down a Scope 3 analysis. The goal of this was to prioritise the scope 3 by highest emissions. These are the parking machines. A chain analysis has been made of this subject. This contains mapping the chain partners, quantifying the emissions within the process steps and mapping the reduction possibilities. Green solution: Approach the chain partners to implement the identified reduction options.

Communication

By implementing a carbon/energy conscious policy with sustainable business operations and activities it is important that we reduce our carbon footprint and energy consumption. In addition to create a policy with the corresponding reduction targets, it is certainly also important to communicate well about this policy. In order to implement its policy, EPS is transparent about the energy reduction objectives, the measures and the results achieved. Publicising reports internally also contributes to employee awareness and involvement in making reduction a task for everyone. Externally we aim at all external stakeholders, raising awareness in the context of chain initiatives to reduce the carbon footprint. A communication plan has been drawn up for this including multiple communication moments which contains news about developments, performance, innovations and participations.

Participation

By participating in (inter)nationally organised carbon-reduction related meetings, EPS shows that its investing in cooperation and sharing knowledge. EPS participates in several meetings including;

1. Competing for the European Parking Award; winning the 2017 EPA award for the winning project within innovative technology made a direct impact on the carbon footprint. Introducing Remote Image Review and as a result decreasing the fuel fleet.
2. Vexpan; the platform for parking in the Netherlands provides a communication platform for all developers working within the parking industry by being a part of Vexpan we are sharing knowledge and experience.
3. Netherlands Carbon-neutral Foundation: Four times a year meetings are organised to share new knowledge and insights with members.
4. Egis program 'Transformation and Sustainability'

Participation initiative that is under investigation

GreenIT Amsterdam; showcasing innovative IT solutions for increasing energy efficiency and decreasing carbon emissions.

EPS managed to fully document its reduction and reduction goals in detailed reporting divided into:

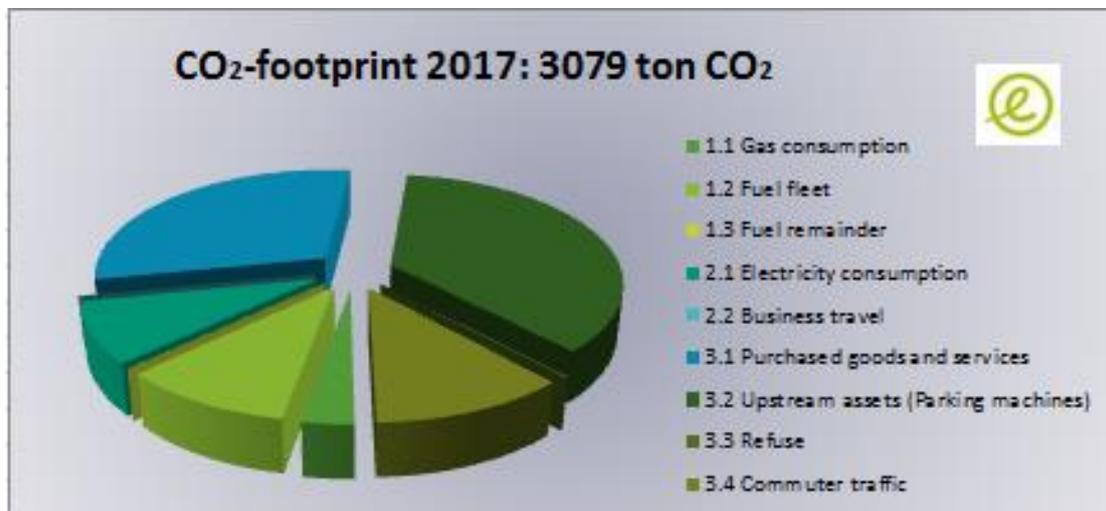
A	Insight	Data Footprint, Emission inventory, Chain analysis, Quality Management Plan
B	Reduction	Energy Management program
C	Transparency	Communication plan
D	Participation	Participation plan

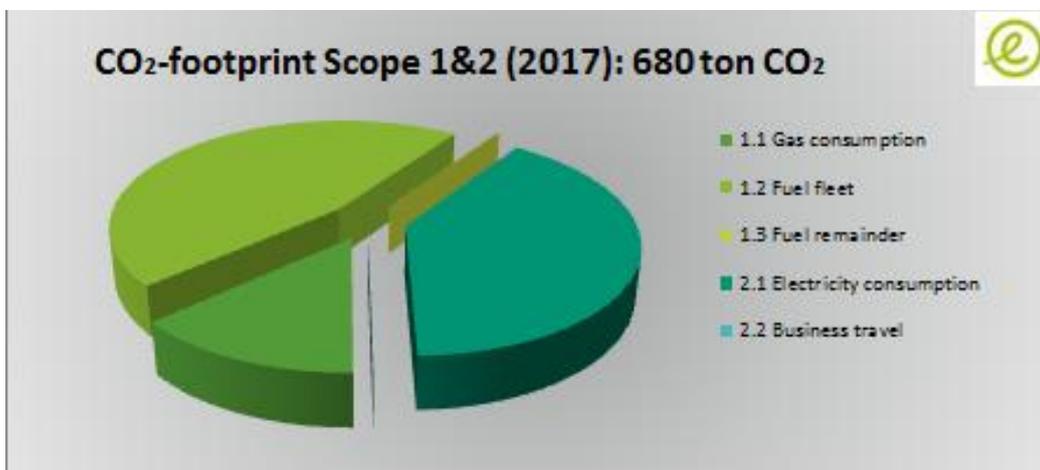
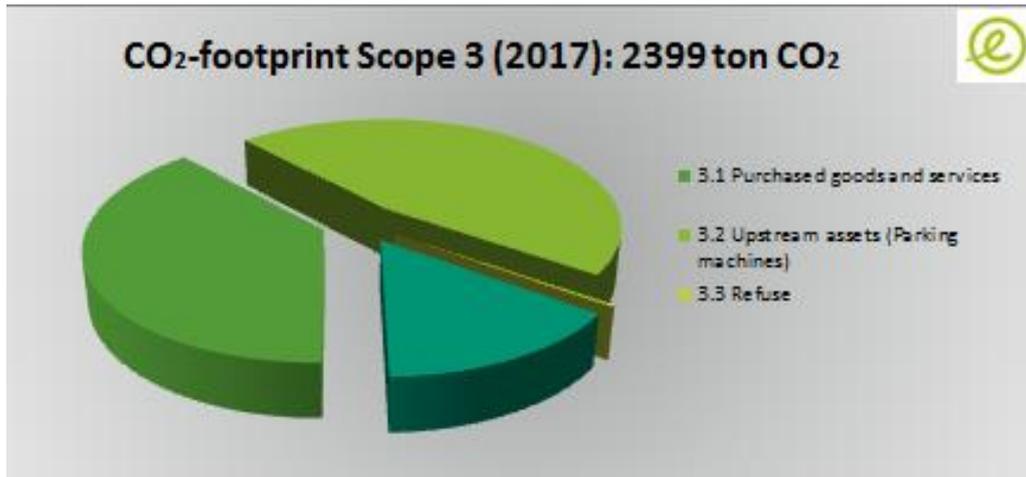
An external audit on our activities will take place on September 25th.

Figures bringing the text into visualisation:



Totaal Carbon emission		2017	
Scope 1 Direct Emissions			
	CO2 (tons)	% van footprint	
1.1 Gas consumption	92,85	3,02%	
1.2 Fuel fleet	314,04	10,20%	
1.3 Fuel remainder	0,38	0,01%	
Total Scope 1	407,27		
Scope 2 Indirect Emissions			
		% van footprint	
2.1 Electricity consumption	273,16	8,87%	
2.2 Business travel	0,00	0,00%	
Total Scope 2	273,16		
Total Scope 1&2	680,43		
Scope 3 Remainder indirect emissions			
		% van footprint	
3.1 Purchased goods and services	921,85	29,94%	
3.2 Upstream assets (Parking machines)	1.117,10	36,28%	
3.3 Refuse	6,33	0,21%	
3.4 Commuter traffic	353,49	11,48%	
Total Scope 3	2.398,77		
Total scope 1, 2 en 3	3.079,20	Emission inventory	





Trendanalyse 2017/2018-1: Monitoring and analysing emissions throughout the year

Trend CO₂-emissions (relative)

