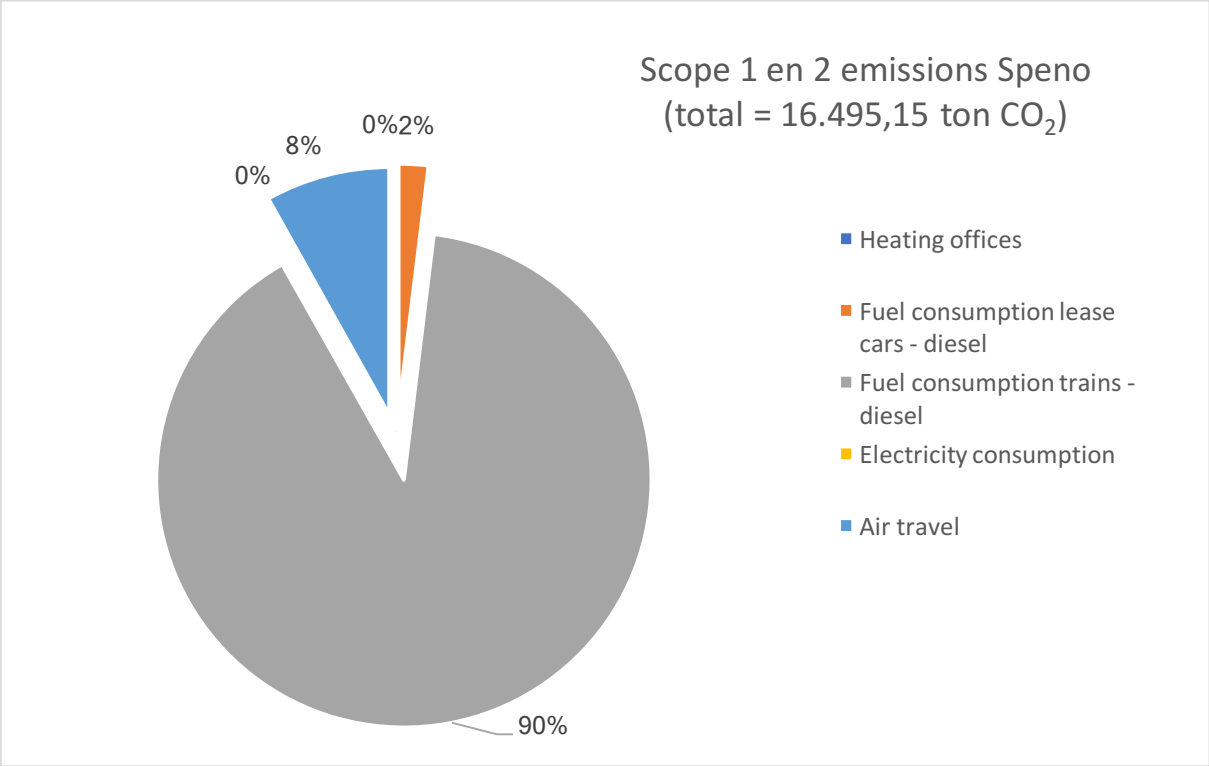
SPENO INTERNATIONAL SA

Speno International S.A. contributes to a more sustainable world

Speno has been calculating the company's CO_2 emissions since 2012. They have been doing this because of the ongoing discussion on climate change. Speno International S.A. is conscious about the emissions that contribute to climate change and has taken the responsibility to ensure that its business activities and products are conducted in a sustainable and responsible manner.

Every six months Speno International calculates the total amount of its CO_2 emissions with in Europe and takes measures to reduce these as much as possible. The calculation for 2017 is depicted below. The total CO_2 emissions during that period amount to 16.459,15 metric tonnes of CO_2.



To reduce these emissions, Speno has set a reduction objective to reduce their emissions by 20% in 2020 in comparison to 2012.

Scope 1 & 2 objectives Speno International S.A.*
Speno International S.A. produces 20% less CO_2 in 2020 compared to 2012.

*These objectives are related to finished ground kilometers of the train fleet.

Reaching the reduction targets

During the last few years Speno has been raising awareness amongst its employees regarding sustainability and its importance. By moving to a new office, they have eliminated the use of gas and fuel to heat their office space. This measure reduced their emissions by 21 metric tonnes of CO_2.

The bulk of the CO_2 Speno emits is still due to the diesel consumption of their trains. Compared to Speno has reduced the consumption of diesel by 14%. Meanwhile the amount of ground kilometers has increased by 4%. These results are visible in the table below.

16-05-2018

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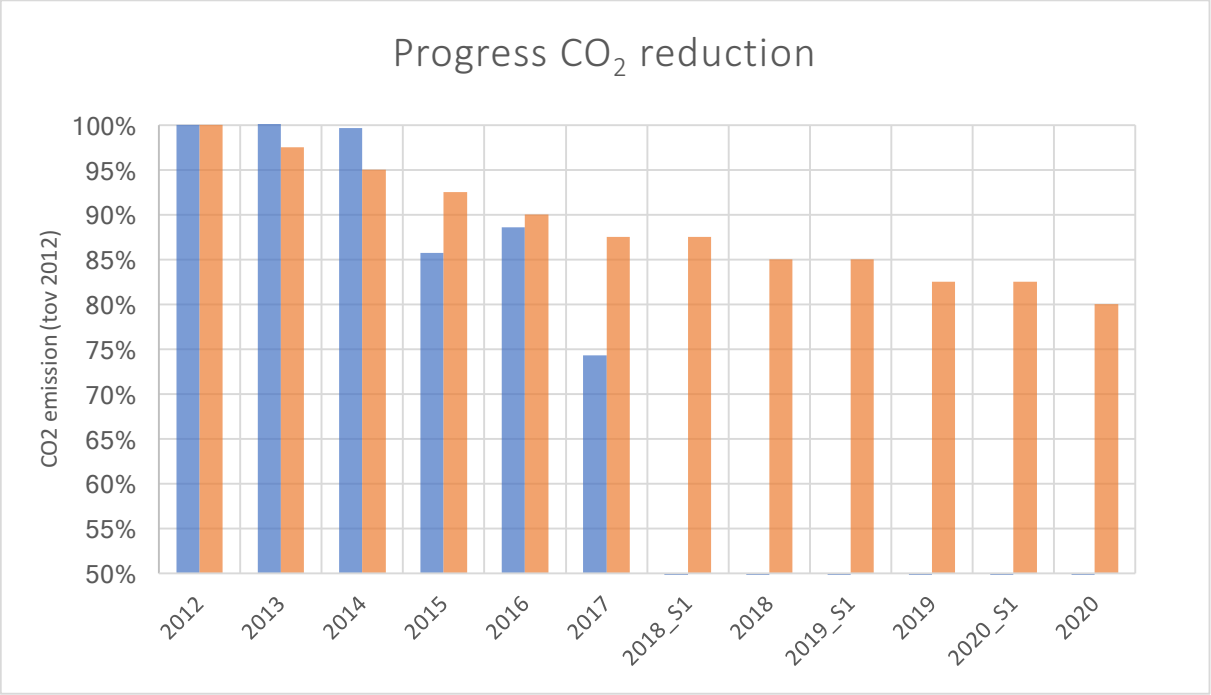
Progress CO2 emissions						
Scope 1	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**
Gas consumption (office)	13,08	21,47	19,16	14,44	13,79	-
Fuel consumption (office)	8,44	5,17	6,93	7,20	7,11	-
Fuel consumption lease cars - diesel	129,20	379,25	326,14	259,25	295,36	318,79
Fuel consumption trains - diesel	17.259,89	16.580,22	17.567,85	16.946,90	17.301,25	14.826,34
Scope 2						
Electricity consumption - grey	60,20	30,10	53,56	51,65	42,36	-
Electricity consumption trains - gray	-	-	-	-	-	10,93
Electricity consumption - green	-	-	-	-	-	-
Air travel < 700 km	213,93	223,01	242,52	230,22	200,97	224,31
Air travel 700 - 2500 km	698,05	763,96	847,64	805,39	735,70	760,28
Air travel > 2500 km	374,47	491,65	337,23	352,30	283,40	354,50
	18.757,26	**18.494,82**	**19.401,04**	**18.667,36**	**18.879,92**	**16.495,15**

Ground kilometers (finished)	19.688,00	19.228,00	20.434,00	22.854,00	22.368,60	23.306,87
Relative CO2 emission:	0,95	0,96	0,95	0,82	0,84	0,71
Relative CO2 emission in %:	100%	101%	100%	86%	89%	74%
Expectation:	100%	98%	95%	93%	90%	88%

The graph below shows the progression in the reduction of relative CO_2 emissions. The emissions of scope 1 and 2are related to the total amount of ground kilometers. The blue bars show the actual reduction while the orange bars show the target for the given year based on the 2020 objective.



Your contribution matters

If you have any ideas or suggestions to speed up our CO_2 reduction please contact Yamine. A combined effort to is needed to make sure we realize our goals in 2020.

16-05-2018