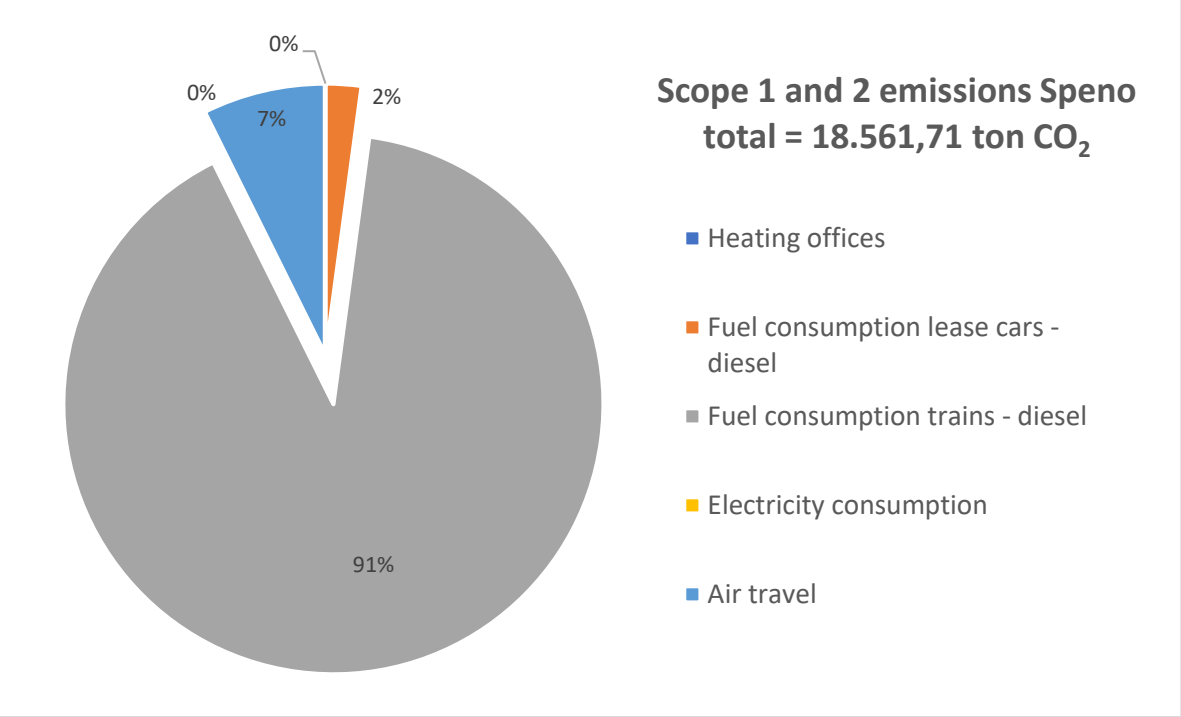
SPENO INTERNATIONAL SA

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 within Europe and takes measures to reduce these as much as possible. The calculation for 2018 is depicted below. The total CO_2 emissions during that period amount to 18.561,71 metric tons of CO_2.



To reduce these emissions, Speno has set a reduction objective to reduce their emissions by 22,5% in 2021 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

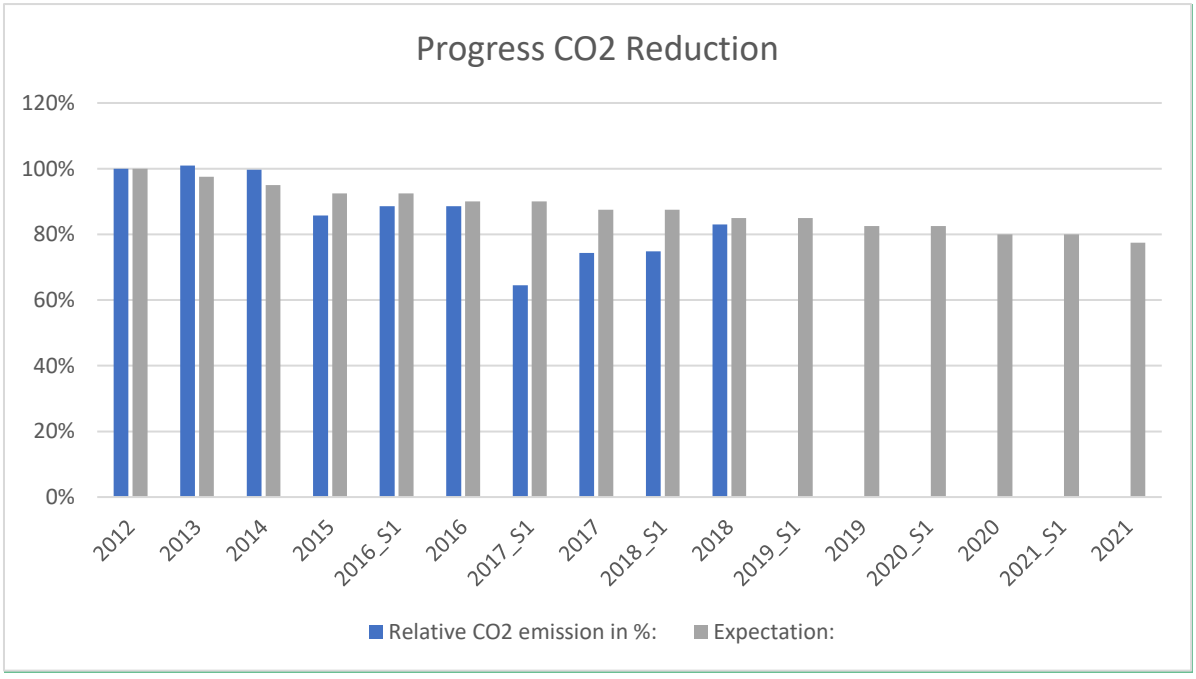
During the last few years, Speno has been raising awareness amongst its employees regarding sustainability and its importance. By moving to a new office, they have eliminated the use of gas and fuel to heat their office space. This measure reduced their emissions by 21 metric tons of CO_2.

The bulk of the CO_2 Speno emits is still due to the diesel consumption of their trains. Compared to 2012 Speno has reduced the consumption of diesel by 2%. Meanwhile the amount of ground kilometers has increased by 20%. These results are visible in the table below.

SPENO INTERNATIONAL SA

Progress CO2 emissions							
Scope 1	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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	128,00	375,73	323,11	256,84	292,61	315,83	395,04
Fuel consumption trains - diesel	17099,58	16426,22	17404,68	16789,49	17140,56	14.688,64	16.804,60
Total scope 1	**17.249,10**	**16.828,59**	**17.753,89**	**17.067,98**	**17.454,06**	**15.004,46**	**17.199,63**
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	245,16
Air travel 700 - 2500 km	698,05	763,96	847,64	805,39	735,70	760,28	836,75
Air travel > 2500 km	374,47	491,65	337,23	352,30	283,40	354,50	280,16
Total scope 2	**1.346,66**	**1.508,71**	**1.480,96**	**1.439,57**	**1.262,42**	**1.350,02**	**1.362,08**
	18.595,76	**18.337,30**	**19.234,84**	**18.507,55**	**18.716,49**	**16.354,49**	**18.561,71**
Ground kilometers (finished)	19.688,00	19.228,00	20.434,00	22.854,00	22.368,60	23.306,87	23.677,38
Relative CO2 emission:	0,94	0,95	0,94	0,81	0,84	0,70	0,78
Relative CO2 emission in %:	100%	101%	100%	86%	89%	74%	83%
Expectation:	100%	98%	95%	93%	90%	88%	85%

The graph below shows the progression in the reduction of relative CO_2 emissions. The emissions of scope 1 and 2 are related to the total amount of ground kilometers. The blue bars show the actual reduction while the grey bars show the target for the given year based on the 2021 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 2021.