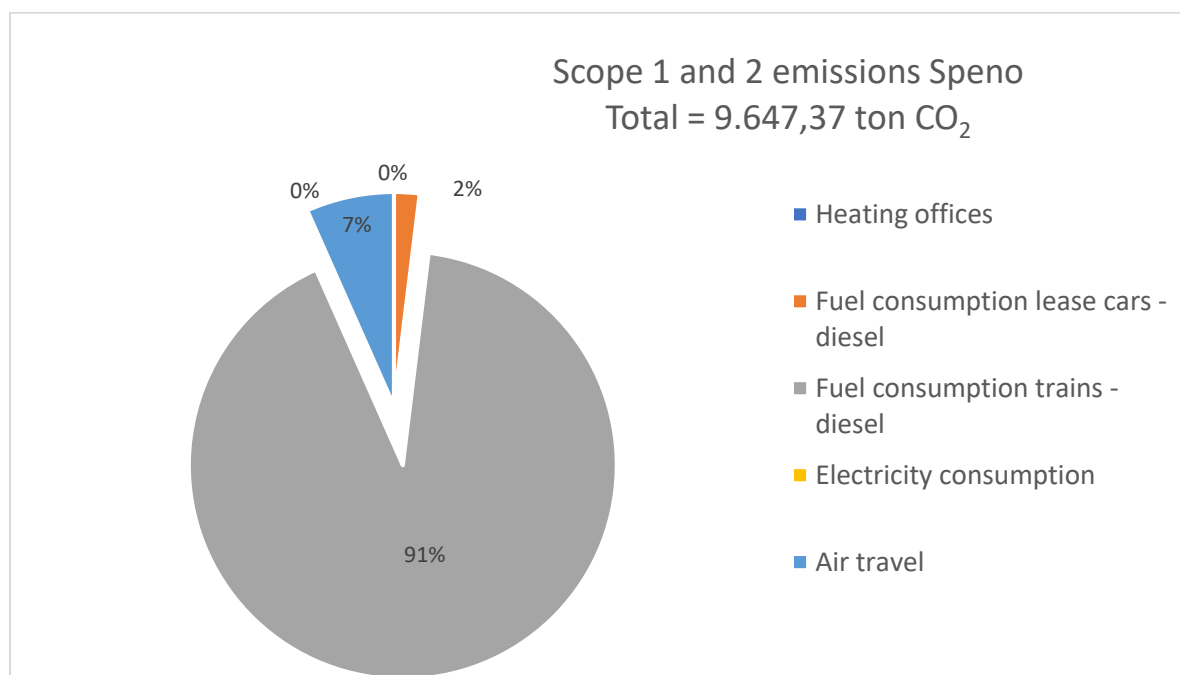




Speno International S.A. contributes to a more sustainable world

Speno has been calculating the company's CO₂ 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 CO₂ emissions within Europe and takes measures to reduce these as much as possible. The calculation for the first half of 2018 is depicted below. The total CO₂ emissions during that period amount to 9.647,37 metric tons of CO₂.



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 22,5% less CO₂ in 2021 compared to 2012.

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

Reaching the reduction targets

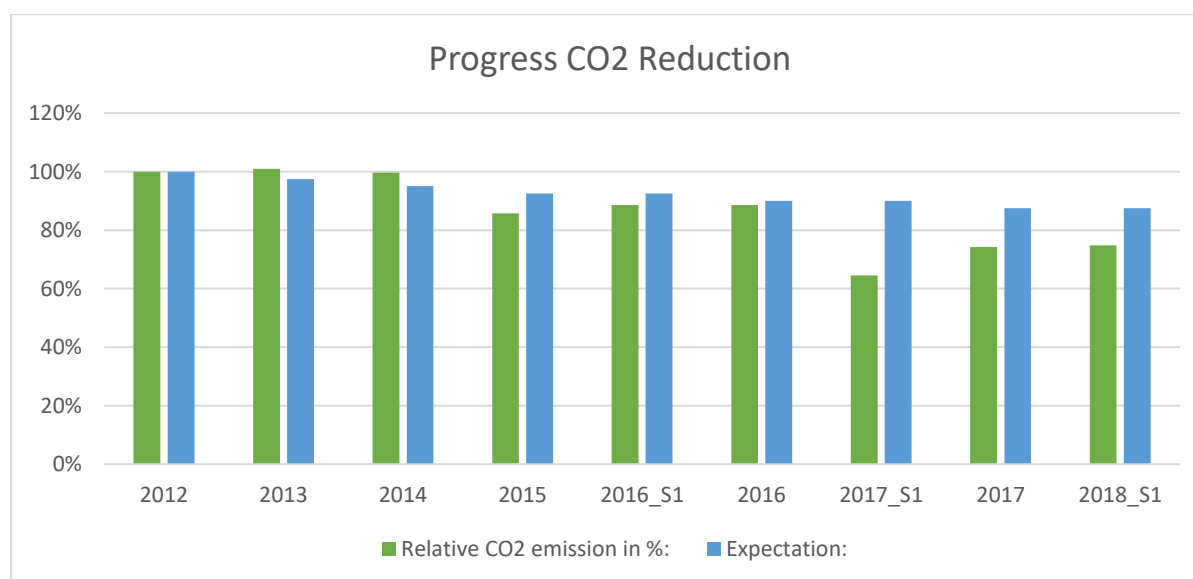
During the last few years Speno has been raising awareness amongst its employees regarding sustainability and its importance. By moving to a new office, they have eliminated the use of gas and fuel to heat their office space. This measure reduced their emissions by 21 metric tons of CO₂.

The bulk of the CO₂ which Speno emits is still due to the diesel consumption of the trains. Compared to the first half of 2016 Speno has increase the consumption of diesel by 3%. Meanwhile the amount of ground kilometers has increased by 22%. These results are visible in the table below.



Progress CO2 emissions										
Scope 1	2012	2013	2014	2015	2016_S1	2016	2017_S1	2017	2018_S1	
Gas consumption (office)	13,08	21,47	19,16	14,44	6,89	13,79	-	-		
Fuel consumption (office)	8,44	5,17	6,93	7,20	3,55	7,11	-	-		
Fuel consumption lease cars - diesel	128,00	375,73	323,11	256,84	146,31	292,61	155,04	315,83	185,86	
Fuel consumption trains - diesel	17099,58	16426,22	17404,68	16789,49	8570,28	17140,56	6739,58	14.688,64	8.820,55	
Total scope 1	17.249,10	16.828,59	17.753,89	17.067,98	8.727,03	17.454,06	6.894,62	15.004,46	9.006,41	
Scope 2										
Electricity consumption - grey	60,20	30,10	53,56	51,65	21,18	42,36	-	-		
Electricity consumption trains - gray	-	-	-	-	-	-	10,93	10,93		
Electricity consumption - green	-	-	-	-	-	-	-	-		
Air travel < 700 km	213,93	223,01	242,52	230,22	100,48	200,97	119,07	224,31	108,18	
Air travel 700 - 2500 km	698,05	763,96	847,64	805,39	367,85	735,70	381,88	760,28	379,69	
Air travel > 2500 km	374,47	491,65	337,23	352,30	141,70	283,40	176,58	354,50	153,09	
Total scope 2	1.346,66	1.508,71	1.480,96	1.439,57	631,21	1.262,42	688,47	1.350,02	640,96	
	18.595,76	18.337,30	19.234,84	18.507,55	9.358,24	18.716,49	7.583,08	16.354,49	9.647,37	
Ground kilometers (finished)	19.688,00	19.228,00	20.434,00	22.854,00	11.184,30	22.368,60	12.449,84	23.306,87	13.647,19	
Relative CO2 emission:	0,94	0,95	0,94	0,81	0,84	0,84	0,61	0,70	0,71	
Relative CO2 emission in %:	100%	101%	100%	86%	89%	89%	64%	74%	75%	
Expectation:	100%	98%	95%	93%	93%	90%	90%	88%	88%	

The graph below shows the progression in the reduction of relative CO₂ emissions. The emissions of scope 1 and 2 are related to the total amount of ground kilometers. The green bars show the actual reduction while the blue 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 CO₂ reduction please contact Yamine. A combined effort to is needed to make sure we realize our goals in 2021.