



Miko | Progress CO₂-Performance Ladder

In our previous ESG Newsflashes, we presented the objectives for the CO₂ Performance Ladder and mentioned that we have since received our certificate for it. This serves as proof that we have demonstrated, together, that we are genuinely reducing emissions for a better environment.

When it comes to CO₂ reduction and thus contributing to a better environment, our own energy consumption and CO₂ reduction are, of course, the starting point. The reduction policy and associated plans are based on periodic measurements, inventories, evaluations, and studies of the risks and CO₂ emissions present within Miko.

In this fifth Newsflash, we show you how much energy we consume and how much CO₂ we emit as a result. We also demonstrate the progress we are making in this area. Therefore, this could also be referred to as a progress report.

Miko's objectives for CO₂-reduction

For your reference we mention our main objectives and ambition for CO₂-reduction below:

Main Objectives
<ul style="list-style-type: none">- 35 % reduction in CO₂ emissions in 2028 versus reference year 2022.- 100% reduction in CO₂ emissions in 2050 versus reference year 2022.

Above mentioned objectives are related to the raw coffee that we are purchasing. By doing so we can easily monitor our progress in reduction.

Further specified for Scope 1 and Scope 2 + Business Travel our objectives are as follows:

- **Scope 1:** 16 % CO₂-reduction in 2028 versus 2022.
- **Scope 2 + Business Travel:** 45 % CO₂-reduction in 2028 versus 2022.



CO₂- Footprint 1st half 2024

The table below shows the CO₂ footprint of Miko Group for the first half of 2024. This overview contains our energy sources (diesel, gasoline, gas, electricity, etc.), the amounts we have consumed, and the resulting CO₂ emissions. Maas international Holding is excluded from the data as they have a CO₂-performance ladder certificate N5.

Miko Group has used 7.607 tons of raw coffee beans in the first half of 2024.

Miko Group - CO ₂ -emissions half 1 2024:					
Scope	Energy	Amount		tons CO ₂	%
Scope 1	Fuel Diesel	336 924,39	liter	1077,81	33,35%
	Fuel Euro 95 (petrol)	95 601,16	liter	262,16	8,11%
	Gas m ³	516 873,31	m ³	1287,62	39,84%
Scope 2	Electricity	2 448 375,01	kWh	525,64	16,26%
	Elektricity for cars	92 471,23	kWh	19,90	0,62%
	Business km with private car	47 107,65	km	9,09	0,28%
	Public transport	72 174,90	km	1,44	0,04%
	Flights <700km (regional)	16 861,00	km	3,95	0,12%
	Flights 700-2500km (Europe)	120 855,00	km	20,79	0,64%
	Flights >2500km (Intercontinental)	151 310,00	km	23,76	0,73%
	Total Scope 1			2627,59	81,30%
	Total Scope 2			604,56	18,70%
	Total 1 +2			3232,14	100,00 %

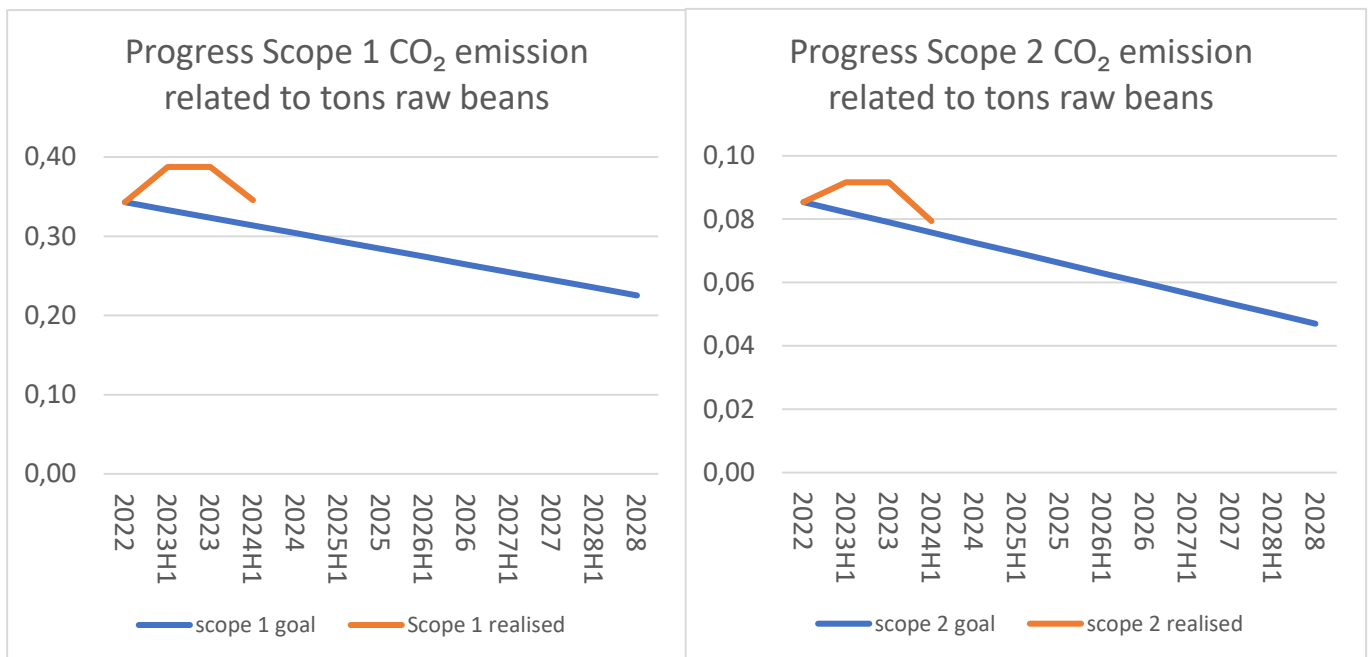
Scope 1 (direct emissions) are emissions that are released by installations owned or controlled by the organization (e.g., heating, fuel consumption).

Scope 2 (indirect emissions) are emissions that do not originate from the organization itself but are utilized by the organization (e.g., electricity generated elsewhere but used by the organization). Business Travel also falls under Scope 2.

Progress

As previously mentioned, we will continue to measure our progress. In 2022, we started mapping our consumption and, consequently, our emissions. Now that we have done this for another year, we can effectively continue to measure and compare our progress. We will monitor this closely and adjust our objectives if necessary.

We are lagging a tiny bit behind our goals for both the scope 1 and 2 emissions. We will continue to monitor this and, where necessary, adjust our targets and/or measures accordingly.



Starting Q3 2024 we expect a significant decrease in our energy consumption and associated emissions. We [sold our subsidiary SAS nv](#) in the second half of the year. We expect that gas consumption at group level will decrease by almost half as a result of the sale. The amount of raw coffee bean usage will also drop by half, so the difference will mainly be noticeable in the absolute figures. The effect on emissions related to raw beans will be minimal.

As of January 1st 2025, Miko Belgium will be using the green energy generated by our wind turbine. About 1500 MWh will be used for own operations, the excess 5500 MWh will be sold on the Belgian energy market.

A new [electric coffee roaster](#) is to be installed at the new plant. It will be the first of its kind in the world to roast coffee on this scale using green energy. Naturally, this will have a significant positive effect on our gas consumption. Since we cannot distribute green energy to our sites abroad for the time being, we have adjusted our scope 2 target for 2028 to 45% CO₂ reduction.

Measures per scope

In light of these objectives, the following measures were described for each scope within Miko:

Scope 1 measure	Target reduction measure	Target reduction scope	Target reduction total	Responsible	Timing
When replacing company cars (petrol) steer towards electrification	50%	3,0%	2,4%	Fleet-manager	Continuous
When moving buildings optimisation gas	5%	2,5%	2%	CO ₂ -manager	2025-2027
When moving process optimisation gas	15%	6%	4,7%	CO ₂ -manager	2025-2027
When replacing trucks euro 6	10%	4,2%	3,3%	Fleet-manager	Continuous
Employee awareness	2%	0,7%	0,5%	CO ₂ -manager	Continuous

Scope 2 + Business Travel measure	Target reduction measure	Target reduction scope	Target reduction total	Responsible	Timing
Wind turbine commissioning	50%	45%	10 %	CO ₂ -manager	2025
Pool car availability	20%	0,004%	0,001%	Fleet-manager	Continuous
Consolidating compressors	2%	0,02%	0,005%	CO ₂ -manager	2025
LED lighting outside grounds and industrial buildings	1%	0,01%	0,0025%	CO ₂ -manager	2025
Provision of charging stations around business premises and at home	0%	0%	0%	Fleet-manager	Continuous
Purchasing energy-efficient peripherals	0%	0%	0%	IT-manager	Continuous
Sensitize employees energy-use at work	5%	1%	0,25%	CO ₂ -manager	Continuous