

Transition plan and targets „Energy/emissions“, EVVA HQ 2023

EVVA targets Scope 1 (heating, vehicle fleet)	Planned CO₂/ kWh reduction	Starting year	Fulfil- ment year	Status of progress
Long term targets:	Net Zero	2021	2030	10%
	Get out of gas: Complete conversion to electricity for heating	2023	2030	approx. 10% (first use of compressor waste heat instead of gas has already been implemented)
Near term targets:				
Make optimum use of waste heat from newly installed air compressors. They are integrated into the heating return	1,210,000 kWh (= 1.21 GWh), approx. 250 t CO ₂	2024	2027	approx. 10%
Use of heat pumps instead of gas boilers – in those parts of the building that cannot be supplied by the compressor waste heat	in planning/ calculation	-	-	-
Renovation of several roof structures including thermal insulation	50,000 kWh, 12 t CO ₂	2025	2026	0%
Switching to a CO ₂ -neutral vehicle fleet	in planning/ calculation	-	-	-

EVVA targets Scope 2 (purchased electricity)	Planned CO₂/ kWh reduction	Starting year	Fulfil- ment year	Status of progress
Long term target: Already achieved in 2022 by changing to 100% green electricity from hydropower	Net Zero	2021	2030	100%
Plus our own energy saving measures	planned kWh savings			
Comprehensive energy consumption analyzes for entire production	qualitative	2023	2024	5-10%
Purchase of 2 additional, more energy-efficient compressors	371,000 kWh (371 MWh)	2024	2025	50%
Eliminate leaks in the compressed air system	160,000 kWh	2020	2024	25%
Expansion of photovoltaics after roof renovation	105 kWp (ca. 180,000 kWh)	2026	2026	0%
Air conditioning replacement	in planning/ calculation	-	-	-
Tišnov site: Initial installation of photovoltaic system	100 kWp (approx. 180,000 kWh)	2022 (planning)	2024	0%
Krefeld site: lighting conversion to LED	60,000 kWh	2022 (planning)	2025	0%

EVVA targets Scope 3 (upstream and downstream value chain)	Planned CO₂ reduction	Starting year	Fulfil- ment year	Status of progress
Long term target:	3% less CO ₂ (= more than 5,000 t based on initial value 15,009 t 2021)	2021	2030	in planning/calculation
Near term targets:				
Exchange with metal suppliers to force the conversion from primary to secondary materials	qualitative	2021	2030	constantly
Increase the proportion of regional suppliers to 95%	25 t	2021	2024	50%