

CARBON REDUCTION STRATEGY





2023/24 STRATEGY

Venari is committed to creating a sustainable future for both itself and the world we live in. Within the first two years of Venari's inception, we have already achieved the milestone of 'zero to landfill'. However, this commitment is only the start. As a business we are dedicated to leading our industry, both in the vehicles we produce and in the standards we set. Reducing our carbon footprint is now one of the key components of this. Therefore, Venari has set the ambitious deadline of becoming carbon neutral by 2026.

Achieving carbon neutrality requires a multifaceted approach incorporating accurate data monitoring, measuring, and forecasting. As a result, Venari has created an Environmental Committee - a board of employees, from a range of departments across the group. Each member is focused on carrying out accurate data analysis and deploying carbon reduction strategies throughout the business.

The baseline from which to measure our reduction targets has already been calculated through the measuring of scope 1 and scope 2 emissions. In 2021 Venari Group produced 432 tonnes of CO₂ emissions, broken down as:

SOURCE OF CARBON	2021 - KG CO ₂
Gas	171,836
Electric	141,301
Water	590
Company Vehicles	59,719
Fuel (Production)	58,265
Total	431,712

We plan to reduce our footprint with year-on-year reductions and percentage based targets. The breakdown of which can be seen below:

2022	2023	2024	2025	2026
5%	10%	15%	30%	40%

As stated, Venari is a growing business. However, as we continue to grow our carbon footprint will continue to contract. To achieve these reduction targets, we have identified 7 core areas within the business, with each one allowing for substantial reductions and headroom for our evolving business. These areas are:

COMPANY CARS AND VEHICLES

At present all company cars are electric and will continue to be in the future. However, our fleet vehicles still produced 60 Tonnes of CO₂ in 2021. A strategy to reduce this figure has been implemented in early 2022 - with the highest CO₂ producing vehicles already being removed from our fleet - and lower-emitting vehicles added. This change will see a 21% drop in vehicle emissions in 2022 alone. Going forward our targets for CO₂ reduction in vehicles stands at Year 1 - 21%, Year 2 - 21%, Year 3 - 37%, Year 4 - 37%, and Year 5 - 61%. This continuing reduction can be attributed to our increased use of Electric vehicles in the coming years, as the technology continues to advance and allow for greater ranges.

UTILITY PROVIDERS

2021 saw the group produce 242 Tonnes of CO₂ (Gas and Electricity). A commitment has already been agreed with the board and the SMT to switch to a 100% carbon neutral provider in 2025 when our utility contract expires. This change alone will remove 242 Tonnes of CO₂.

LIGHTING

Where possible all lighting will transition to energy-efficient LED lighting. This change is already being implemented across our sites with a potential saving of 4 tonnes of CO₂ per year.

FUEL

Careful monitoring of fuel and a production shift to EV base vehicles reflecting customer fleet trends will see a reduction of 58 Tonnes of CO₂ per year by the end of our 5-year strategy.

HIGH CO₂ PRODUCTION AREAS

Venari currently operates a spray booth for our vehicles - one of our largest CO₂ producing assets. An aggressive targeting in the efficiency of operations in year 1 of 25% will remove 18 Tonnes of CO₂. A 50% reduction in Year 2 - 36 Tonnes, 75% in Year 3 - 54 Tonnes, and Years 4 and 5 will see a total of 72 Tonnes of CO₂ saved.

TREES FOR LIFE - CARBON OFFSETTING STRATEGY

Venari has committed to a corporate grove - 'Trees for Life', this facility allows for external verification of the volume of trees planted via our investments, to offset our carbon footprint. Over the next 5 years, we will plant a minimum of 7,990 trees, removing approximately 172 Tonnes of CO₂ over that period. This reduction of CO₂ will continue to increase yearly as the trees planted reach maturity.

5 YEAR TARGET

Total KG	32,359	73,647	124,091	410,951	431,815
Total %	7.5%	17.1%	28.7%	95.2%	100%
Target KG	21,586	43,171	64,757	129,514	172,685
Target %	5%	10%	15%	30%	40%
Variance	(10,773)	(30,476)	(59,334)	(281,437)	(259,130)

The environmental committee have forecasted our reduction plan with headroom for any change in circumstance. Our primary aim is to reduce our emissions to the lowest levels possible, using carbon offsetting as a complementary action to counteract the remaining emissions. However, should our reductions fall outside our forecasted rate, Venari will meet the gap through offsetting (the planting of trees).

Finally, our carbon reduction plan is set to be achieved in 2026, but as with all operations, we will aim to meet this target ahead of schedule.

Initiative	Total Co2 KG Reduction	Progress %					Progress KG					
		YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	
Company Cars	59,719	21%	21%	37%	37%	61%	12,742	12,742	22,138	22,138	36,231	
Utility Providers	241,644	0%	0%	0%	100%	100%	-	-	-	241,644	241,644	
Trees for Life	7,990	32%	64%	100%	100%	100%	-	15,045	32,251	53,623	60,394	
Lighting	4,000	40%	100%	100%	100%	100%	1,600	4,000	4,000	4,000	4,000	
Fuel on production vehicles	58,265		10%	20%	30%	30%	-	5,827	11,653	17,480	17,480	
Paint Shop	72,066	25%	50%	75%	100%	100%	18,017	36,033	54,050	72,066	72,066	
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