



# NEWSLETTER CO<sub>2</sub> PERFORMANCE LADDER

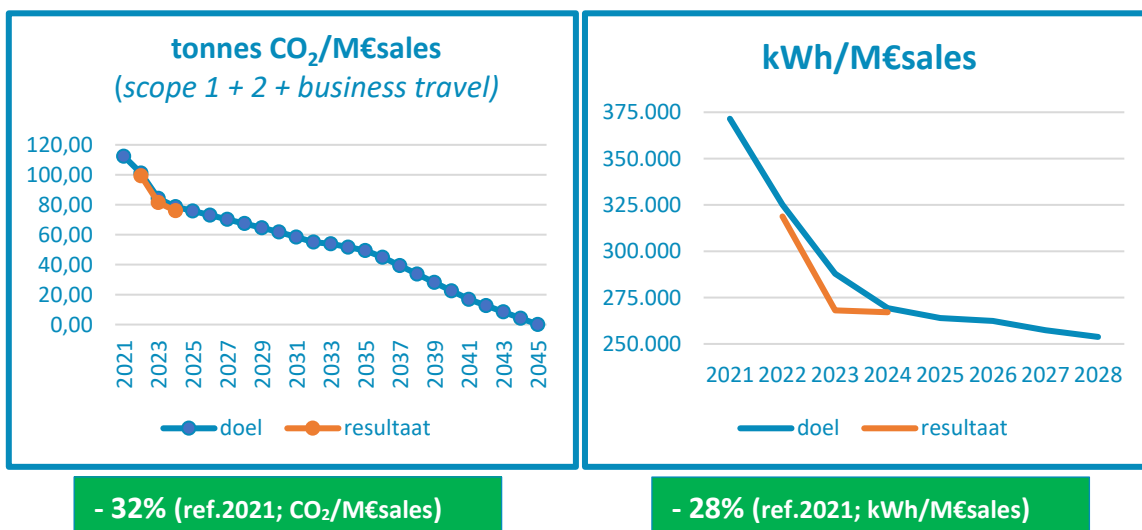
## (issue no. 5)

Dear colleagues & partners,

With this 5th newsletter, we wish to inform you of the further steps **Viabuild** has taken.

Viabuild aims to **reduce its CO<sub>2</sub> emissions to zero by 2045**. Therefore, herewith a brief retrospective of the first half of 2024 as well as a look ahead to the challenges that are yet awaiting us.

### Evaluation first half-year 2024



The **sales related energy consumption and associated CO<sub>2</sub> emissions continue to decline!**

VI's **TOP 3 energy consumers** (in total +/- 97%) are fossil fuel use at its permanent sites (production sites and offices) (36%), machinery (33%) and the diesel consumption by the fleet (27%). VI is focusing on its production sites (asphalt plants in particular) and the fleet. The following is an evaluation of the first half of 2024.

### Fleet (1<sup>st</sup> half of the year)

CO <sub>2</sub> (g)/km	% (ref. 2023)	% (ref. 2021)
van	-1,44	-2,53
Passenger cars	-6,18	-8,49
trucks	2,84	2,44
<b>AVERAGE</b>	<b>-2,62</b>	<b>-1,46</b>

### Production (asphalt plants) (1<sup>st</sup> half of the year -2024)

kWh/tonnes of asphalt	% (ref. 2023)	% (ref. 2021)
HAREN	1,37	11,99
GRIMBERGEN	-6,45	0,20

A detailed analysis of our fleet data indicates that our fleet has become more energy efficient, all except our trucks. In fact, for the latter we recorded an increase as compared to the reference year 2021. Viabuild is currently considering replacement of the oldest vehicles. On the other hand, during our *steam days* in January, we will have all our truck drivers take the *eco-driving* course. In the section passenger cars and vans, we are noticing significant progress owing to electrification on the and a focus on increasing occupancy rates in vans respectively.

*Did you know...*

*As much as 54% of our fleet's energy consumption is caused by our trucks.*

*4 out of 10 vans are overloaded. We find the same ratio occurring in the case of insufficient tyre pressure. This translates into a waste of more than 10,000 L of fuel/year or 33 tonnes of CO<sub>2</sub>/year!*

As far as our **asphalt plants** are concerned, we notice a decrease in gas consumption (kWh/tonnes of asphalt) as compared to 2023, but still a slight increase compared to the reference year 2021. This progress owing to the new white burner is largely offset by an exceptionally wet 2024. The installation of activated carbon filters in the spring of 2023 in Grimbergen along with some adjustments for quality reasons have resulted in an increase in the electric power consumption per unit produced as compared to the reference year 2021

The following is a non-exhaustive overview of the **main actions completed in the 1<sup>st</sup> half of 2024:**

- 6 additional charging stations (poles) at the head office Puurs
- Pilot projects hybrid power groups
- Frequency control on white tumble dryer at asphalt plant Grimbergen operational
- Feasibility study recovery residual heat stack asphalt plant Grimbergen (started)
- New vans policy (replacement of large vans by smaller types)
- Pilot project *Trimble (Eco-Score for drivers)*
- *V! is proud to announce that it has joined CEO's 4 Climate*, a network of climate-conscious entrepreneurs (<https://ceos4climate.eu/>). Inspiring each other and learning from one another is the key to success for V!'s continued progress in CO<sub>2</sub> and energy reduction

We are pleased to also highlight some of the **ongoing and planned actions for 2024/2025:**

- Solar panels Haren + 1 charging station with 2 charging points + study solar panels Grimbergen
- Research/study switch over suppliers (across national borders)
- Adjustment of operating regime of installations at asphalt plants
- Standardisation furnishing trucks
- Further roll out some **research projects** (with reduction energy and scope 3 CO<sub>2</sub> emissions)  
Central to this is the search for sustainable substitutes for cement and bitumen. After all, the latter are among the absolute top consumers in the concrete and asphalt chain respectively.

These additional measures will allow us to **continuously improve our energy performance.**

(Objective 2028: -3,58% as compared to present).

**Viabuild strives to reduce CO<sub>2</sub> throughout the entire chain!**

Viabuild is still committed to achieving level 4 of the CO<sub>2</sub> performance ladder by the end of 2024 and level 5 by 2025/2026. Current status of the main requirements:

- Qualitative estimation of CO<sub>2</sub> emissions in the V! chain (conclusion)  
Creation of chain analyses for asphalt and concrete with accompanying CO<sub>2</sub> reduction plan (conclusion).
- Half-yearly CO<sub>2</sub> dialogue with 2 external discussion partners (ongoing)

If you have an idea, a proposal - banal as it may at first appear – please let us know:  
[sustainable@viabuild.be](mailto:sustainable@viabuild.be)

**Only together can we make this a success! Let's go green!**

The next newsletter is due no later than 31 March 2025.

Make sure to take a look at our website [www.viabuild.be](http://www.viabuild.be)

Should you have any questions regarding this newsletter, do feel free to contact our environment and sustainability coordinator, Yves Salembier.

**Together for a more sustainable Viabuild**

**Net zero by 2045**

