

## Half-year report CO2 Performance Ladder



Ballast Nedam has made sustainable construction and development a top priority. We are working to make our offices, production sites and vehicle fleet more sustainable. By identifying which activities cause the most emissions, we can tackle emissions at the source. On our construction sites, for instance, we are working hard to make our machinery more sustainable, as it is responsible for about half of our CO2 emissions. We are also increasingly using our own green electricity, generated by our own solar roofs and wind turbines.

### CO2 footprint first half of 2022

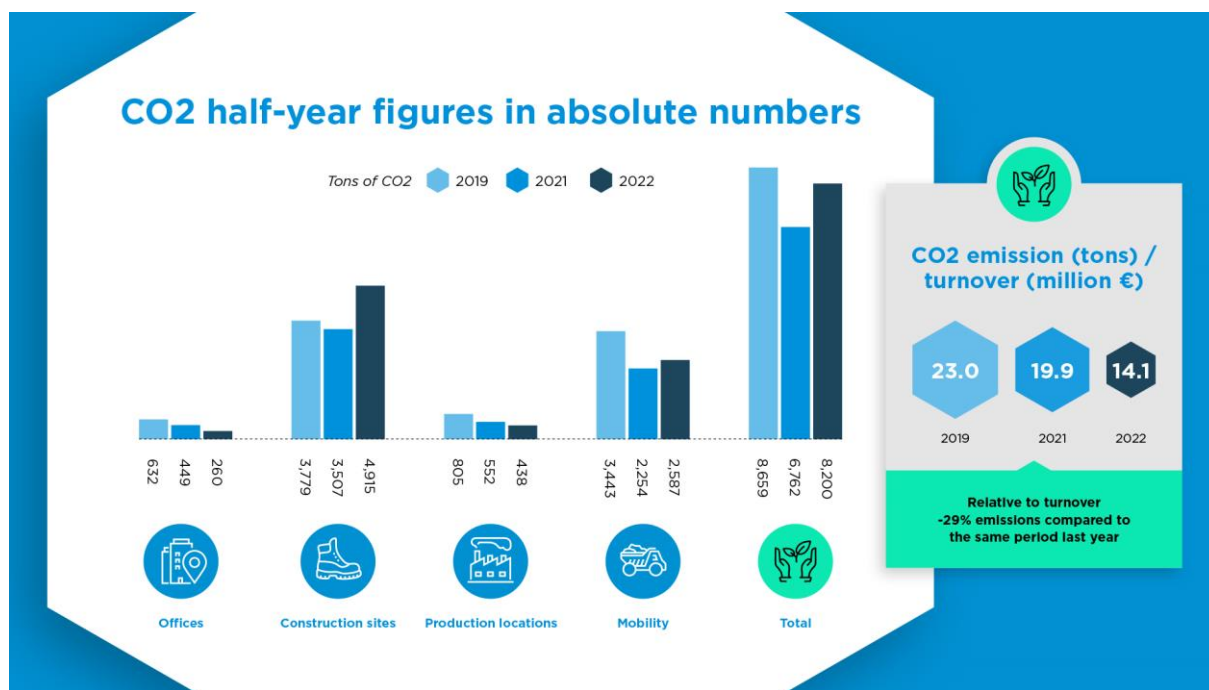
We are improving our energy performance through projects and investments in sustainability. The target for 2022 is to reduce CO2 emissions by 37% compared to baseline year 2019. This relates to our own CO2 emissions (scope 1 and 2) caused by energy consumption in our offices, construction and production sites and mobility (with business travel also belonging to scope 2).

Ballast Nedam mainly uses energy for mobility, deployment of construction equipment, production in the plants and on the building sites. The CO2 registration is divided into scope 1, scope 2 and scope 3. The CO2 footprint below includes emissions up to and including week 24, period 6, 2022:

- Scope 1 = 7,970 tonnes (natural gas, diesel, petrol and other fossil fuels)
- Scope 2 = 230 tonnes (electricity, district heat supplemented by business travel)
- Scope 3 = 967 tonnes (emissions from commuting allowances and locations managed by Ballast Nedam Asset Management, but belong to our own scope)

Due to an increase in activities, the scope 1 footprint increased slightly in the first half of 2022. Relative to revenue, on the other hand, there has been a sharp decrease in CO<sub>2</sub> emissions. For scope 2, the footprint decreased slightly due to the greening of electricity in our rental properties.

Scope 3 emissions fell sharply due to the high self-generation of electricity at the Penitentiare Institution Zaanstad project managed by Ballast Nedam Asset Management.



CO<sub>2</sub> emissions from business activities decreased by 29% in the first half of the year compared to the same period last year. This decrease is due to our significant sales growth and only a slight increase in CO<sub>2</sub> emissions on our projects due to the use of HVO fuel and other CO<sub>2</sub> reduction measures.

Despite an increase in the number of electric lease cars, mobility emissions increased slightly, due to colleagues being back in offices and projects more frequently since Corona. The electricity consumption of our vehicle fleet is offset with green certificates (GVOs Dutch wind) from our own wind turbines.

Compared to last year, the offices have much lower emissions. This is due to the mild winter, but also to savings on gas consumption and greening of electricity for our rental premises. Due to the mild winter, the production sites also have somewhat lower gas consumption. Higher emissions at construction sites are due to increased construction activities. Partly by using HVO fuels and making our equipment more sustainable, we managed to reduce CO<sub>2</sub> emissions. Overall, there was even a significant decrease in CO<sub>2</sub> emissions compared to turnover. With these great results, Ballast Nedam is well on its way to being CO<sub>2</sub> neutral by 2030. A very ambitious, but extremely important objective.

## Sustainable energy projects

Since 2021, we have decided to use only 100% green energy for our office, production and construction sites. At the same time, we believe we need to push ourselves to be more energy-efficient, avoid waste and generate as much green energy as possible ourselves. The energy transition offers us opportunities to realise sustainable energy projects, both for ourselves and for our customers.

### More focus on own generation

Ballast Nedam's ambition is to be energy-neutral by 2040. Energy-neutral means that we generate all the energy we need ourselves sustainably. In this way, we contribute to the transition to a more sustainable energy system. The short-term goal is for more than 20% of electricity consumption to be generated sustainably by our own wind turbines and solar panels by 2023.

This year, we have taken big steps towards achieving this target. We already had solar panels on the roofs of several office locations and construction huts throughout the Netherlands, such as those of Haitsma's industrial hall in Kootstertille and Heddes Bouw & Ontwikkeling's office in Hoorn. In 2022, we added two large roofs:

- Ballast Nedam Materieel Almere with a capacity of 895 kWp.
- BN Road Specialties with a capacity of 528 kWp.

### Contributing to wind farms

In addition to this internal ambition, we want to set up renewable energy projects that contribute to the transition to fossil-free energy production. Project Windplanblauw by SwifterwinT and Vattenfall fits in perfectly with this. In 2022, Ballast Nedam is replacing 28 outdated wind turbines for 24 new wind turbines with a much higher capacity. Another project is Windpark Maasvlakte 2, commissioned by Eneco. The wind farm has a total installed capacity of 117 MW, generated by wind turbines on land and on the seawall of Maasvlakte 2.