The Port of Rotterdam Authority encourages port-based companies to report their carbon footprint and takes steps to reduce their own CO₂ emissions as well. The aim of the Port of Rotterdam Authority is to reduce CO₂ emissions significantly by use of renewable energy, fuel saving measures for patrol vessels and electric lease cars for employees. Operational management has been CO₂-neutral since 2011.
CHALLENGE
Besides promoting sustainability in the port area, the Port of Rotterdam Authority also strives for sustainable internal operational management by reducing its own CO₂ footprint. We publish the footprint in our yearly report.

APPROACH
Reducing the CO₂ footprint
A division into scopes has been made for the targeted reduction of the CO₂ footprint:

- **Scope 1:** the fuel consumption of vessels and vehicles and use of gas in buildings owned or rented;
- **Scope 2:** electricity consumption by operations and structures managed by the Port Authority, such as bridges and public lighting;
- **Scope 3:** CO₂ emissions resulting from business flights and commuting traffic of employees.

Measures to reduce the CO₂ footprint for activities within the three scopes include electric lease cars, energy-saving measures, purchase of green energy and clean and economic patrol vessels and climate-neutral flights.

CO₂-NEUTRAL OPERATIONAL MANAGEMENT
The remaining emissions are compensated by the purchase of Gold Standard emission allowances.

RESULT
Over the period of five years, CO₂ emissions have fallen by 10%. The greatest contribution comes from operational ships like patrol vessels which have reduced their fuel consumption. Electric lease vehicles also make a positive contribution. With the Gold Standard emission allowances, the Port Authority has been CO₂-neutral since 2011. The Port Authority also stimulates businesses in the port to deal with the CO₂ emissions.

INVOLVED PARTIES
- Port of Rotterdam Authority
- Climate Neutral Group

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