

ZERO-EMISSION IN PRACTICE



DB ENERGY

Zero-emission industry

We help medium and large industrial companies become part of a zero-emission future. We want to co-create factories that we could have right outside our backyard. We advise, design, implement and finance energy efficiency activities. This is decarbonization that pays off.

1 445
industrial projects

EUR 1.3 bn

value of completed projects

9.8 TWh

total reduction in energy consumption

EUR 512 mln

annual savings of our customers

We have established a partnership with a client from the pharmaceutical chemical industry, which was looking for opportunities to reduce the energy intensity of a group of its plants across Europe and a plan to reach full zero-emission. Based on the identified opportunities, we laid out a CO₂ reduction map that met the corporation's strategic goal of reaching 100% emission reduction. We developed a modernization concept based on the audit conclusion, which reduced the plant's thermal energy consumption by 1/4!

The Client's goal was to develop a zero-emission roadmap and change energy sources to renewable ones in their plants in Lithuania, Ireland, Italy, Austria, France, Belgium and the Netherlands.

After implementing an investment plan to decrease energy demand, we proceeded with electrification and transitioned to greener energy sources, including the utilization of an incineration plant for both salty and non-salty waste.

We have developed a CO₂ reduction map aligning with the corporation's strategic assumptions, based on the identified opportunities to decrease energy consumption while ensuring profitability for the client.

a CO₂ reduction of 2172 tons means you can travel around the world in a car almost

400 times

We achieved a reduction in emissions by 2172 tons of CO₂. As a result, the client was awarded a EUR 1.4 million AENA subsidy, which reduced the investment payback period from 4.5 years to 2.5 years.

EUR 487 mln

Annual savings generated by all designed investments

Click here to find out about the steps to achieve climate neutrality



Key results of this project:

708 thousand euros
in annual savings

2.5 years

final investment payback period

2172 tons of CO₂

a reduction in emissions



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We will bring your net-zero strategy to the shop floor and make it happen in the most profitable way

CARBON NEUTRALITY PAYS OFF

Decarbonization that **pays off**

