

# LIKE BUBBLES IN 6 BILLION BEERS

Case study of the Soufflet Polska Malt house in Poznań



- We are a leader in energy efficiency
- We specialize in guiding medium and large industrial companies toward a zero-emission future
- We provide innovative design solutions, financing options, and executing investments for our Clients all over the world.

# 1370

industrial projects

After the mandatory company energy audit carried out at the Soufflet Polska Słodownia plant, we identified and then we implemented and we financed an investment that reduced emissions by 9.5 tons of CO<sub>2</sub> per year. This amount of carbon dioxide would be enough to carbonate over 6 billion bottles of beer.



Słodownia Soufflet Polska sp. z o.o. in Poznań is a world leader in malt production. It belongs to the French agri-food group Soufflet, which is the largest family company in the grain purchasing industry in Europe. The group employs over 7,000 employees in eighteen countries.



Our work with the Soufflet Malt house began with...

## EED Audit

The client conducted a mandatory energy audit of their company. We presented them with actions that could significantly enhance energy savings within the plant. Subsequently, the client opted to proceed with the investment in collaboration with DB Energy.



CLICK TO LEARN MORE ABOUT THE COMPANY'S ENERGY AUDIT, WHICH IS MANDATORY FOR LARGE ENTERPRISES



The total investment cost was

# PLN 29 million

and it was fully covered by DB Energy thanks to financing in

# ESCO model

We suggested...

Modernization of the heating system in the form of waste heat recovery with a capacity of 2.2 MW and heat generation in cogeneration units. All the heat is used in the production process.

Cogeneration units provide almost the entire demand for electricity of the plant (unit power 2 x 0.99 kWe). Additionally, due to the poor condition of the refrigeration system, a new cooling source was built at the Client's plant with a capacity of 4.2 MW.



Many companies choose the ESCO model because they usually allocate their investment budget to increasing production capacity or modernizing their machinery. Projects to improve energy efficiency are not a priority for them.

The ESCO model allows the customer to efficiently implement the energy transformation assumptions without burdening their own budget. Moreover, this type of financing does not affect the client's balance sheet, and the positive impact on the company's financial results is noticeable from the first day after the implementation of new solutions.

Łukasz Feldman PhD, CFO at DB Energy

### Investment effects

The modernization of our heating and electrical systems has significantly enhanced product quality at the Soufflet Malting Plant. Thanks to these upgrades, we anticipate saving approximately 30 GWh of heat energy and approximately 12 GWh of electricity annually. To put this into perspective, these savings equate to the monthly energy consumption of all residents in Etł.



We have reduced annual CO<sub>2</sub> emissions by **9543 tCO<sub>2</sub>** Which represents 40% of the company's total emissions

9,543 tons of carbon dioxide would be enough to carbonate

# 6 BILLION BEERS

## Creating the zero-emission future.

