Benefits of developing offshore wind energy

Bałtyk 2 and **Bałtyk 3** projects support the development of offshore wind energy and create new opportunities for residents, local businesses, and the entire region.

We want to be a good neighbour – to listen, engage in dialogue, and support the needs of local communities, as well as collaborate with local entrepreneurs.

Energy

+ enhanced energy security for Poland
+ more energy from renewable sources
+ more stable electricity supplies and greater diversification of the national energy mix

Economic

+ the development of a new economic sector
+ growth opportunities for Polish companies
+ new, attractive jobs

Environmental

+ cleaner and healthier air
+ continuous environmental monitoring and impact assessment on marine organisms
+ the potential creation of new habitats for marine organisms

Local

+ additional revenue for municipal budgets
+ new opportunities for collaboration among local businesses
+ support for local initiatives and regional development

Just one rotation of an offshore wind turbine can generate enough clean energy to power a household for 4 days!

Together, we are building the region's potential

- Are you looking for new career opportunities in the offshore wind energy sector?
- Would you like to stay up to date with the Bałtyk projects?
- Would you like to visit the "The Baltic Sea. A Sea of Green Energy" exhibition in Gdańsk?
- Are you a teacher looking for educational materials on offshore wind for your students?
- Would you like to share your questions or feedback about Bałtyk 2 and 3 projects?

Find answers to these and many other questions at **www.baltyk123.pl** or scan the QR code to stay in touch.

Who are we

equinor

Equinor is an international energy company with over 50 years of experience in offshore operations, aiming for climate neutrality by 2050. The company operates in more than 30 markets worldwide. In Poland, Equinor In Poland, Equinor is developing offshore wind farms and other renewable energy projects, as well as supplying natural gas to Poland via the Baltic Pipe, contributing to the country's energy security.

Polenergia

Polenergia is the largest private energy group in Poland, consisting of of vertically integrated companies operating in the areas of energy generation from renewable and low-carbon sources, distribution and trading of electricity. In addition to offshore wind farms in the Baltic Sea, the group is also involved in the development of onshore wind farms and photovoltaic projects. Since 2005, Polenergia's shares have been listed on the Warsaw Stock Exchange.

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Bałtyk

equinor | Polenergia



The Baltic Sea

A sea of green energy

baltyk123.pl

50 turbines
720 MW of power
37 km from shore

MFW BAŁTYK 2

MFW BAŁTYK 3

50 turbines
720 MW of power
22 km from shore



Offshore wind turbines

The Bałtyk 2 and Bałtyk 3 wind farms consist of 100 modern turbines with a capacity of 14.4 MW. Each turbine, comprising a tower, nacelle, and rotor blades, is mounted on a monopile foundation anchored to the seabed and connected via a transition piece.

Reduced underwater noise during installation through the use of bubble curtains.

Władysławowo

Łeba

Lędowo

Ustka

Pęplino

Poland's transmission system operator Słupsk Wierzbięcino

Darłowo

Gdynia

Gdańsk



Landfall

An underground cable tunnel through which power from offshore wind farms is transmitted onshore.

HDD trenchless technology, enabling the shoreline crossing without disturbing valuable dune and forest habitats.



Export cables and Onshore Substations (ONS)

Subsea and onshore export cables transmit electricity from the offshore wind farms to onshore substations. From there, the electricity is fed into the National Electricity Grid.

Environmental protection was prioritized during the design of the cable route. All work was carried out under continuous environmental supervision.



Operations and Maintenance Base in Łeba

The operations and maintenance center responsible for the safe and efficient operation of the Bałtyk 2 and Bałtyk 3 wind farms.

The facility was built on a revitalized port site, supporting the responsible use of space and the preservation of green spaces.