

# Environmental impact management

Every day, taking care of Poland's energy security, we influence the natural environment and use its resources. In our sense of responsibility for the state of the environment and its impact on the quality of life of all people, we consistently implement solutions that allow us to monitor and minimise our impact on the environment.

Our actions result from the increasingly stringent requirements set by regulators and from our ambition to be a modern company, focused on the latest technologies, reducing the impact of the energy industry and conventional methods of energy generation on the environment. With a view to the environment, we invest in innovations, implement many pro-environmental projects and modernise our infrastructure.

## THE MOST MODERN POWER UNIT IN POLAND

### ENVIRONMENTAL PROTECTION IN STRATEGY AND MANAGEMENT

Respect for the environment is an integral part of our Strategy. In accordance with this principle, we set ourselves the goal of using the best available solutions and technologies to reduce the adverse impact on the environment.

An example of our approach are the solutions applied in the new B11 power unit in Koźienice, which was launched in 2017. It produces energy from hard coal based on the most modern technologies available, maximising the efficiency of processes and minimising their impact on the environment. The efficiency of the new unit is 45.6% and it is one of the highest in the world for this type of units. This means that B11 generates more energy from less hard coal.

Taking care of the natural environment we have also established one of the main principles of the 'Enea Capital Group Code of Ethics', thus obliging our employees to take actions contributing to the protection of the environment.

### GREEN LAUREL AWARD

Enea Wytwarzanie received the award of the prestigious Green Laurel competition for the implementation of ecological projects. It is a prestigious award granted annually by the Polish Chamber of Commerce to Eco-development under the patronage of the President of the National Fund for Environmental Protection and Water Management, the Chief Inspectorate for Environmental Protection and the President of the Convention of the Presidents of the Provincial Funds for Environmental Protection and Water Management.

## DUE DILIGENCE POLICIES AND PROCEDURES

W Enei Wytwarzanie obowiązuje Polityka Zintegrowanego Systemu Zarządzania Jakością, Środowiskiem i BHP, zgodna z wymaganiami norm:

- PN-EN ISO 9001 – Quality management systems
- PN-EN ISO 14001 – Environmental management systems
- PN-N-18001 – Occupational health and safety management systems
- OHSAS 18001 – Occupational health and safety management systems

The compliance of the system with the requirements of the standards was confirmed by appropriate [certificates](#) by an independent certification body of management systems based on a positive audit result.

In accordance with this policy, we set goals, set strategic directions of development, implement processes related to environmental protection at the highest level, and also ensure compliance with the applicable legal regulations.

We place emphasis on implementing the most effective solutions in the Manufacturing Area, which is responsible for most of our environmental impact. Enea Wytwarzanie has implemented a number of additional procedures and instructions regulating the monitoring of environmental impact, supervision of legal requirements, identification, assessment and management of environmental aspects.

These include, but are not limited to:

- Procedure: Management review, analysis and improvement
- Procedure: Identification and assessment of environmental aspects
- Procedure: Environmental monitoring
- Procedure: Identification of potential accidents and emergency situations and response in the event of their occurrence in Enea Wytwarzanie sp. z o.o. – location: Świerże Górne
- Procedure: Identification of hazards and determination of responses to environmental accidents at the Białystok Heat and Power Generating Plant
- Procedure: Preventing and reducing the environmental impact of emergency situations at the Białystok Heat and Power Generating Plant
- Plant's major-accident prevention policy
- Major industrial accident prevention programme
- Emergency plan in case of danger to life and health of persons, property or the environment in Enea Wytwarzanie sp. z o.o. in Świerże Górne
- Procedure: Risk management in the process of monitoring CO<sup>2</sup> emissions in Enea Wytwarzanie sp. z o.o. – location: Świerże Górne
- Procedure: Pp-5.5 monitoring of CO<sup>2</sup> emissions at the Białystok Combined Heat and Power Plant
- Environmental monitoring of the open water cooling system in Enea Wytwarzanie sp. z o.o. – location: Świerże Górne
- Principles of management of trees and shrubs intended for felling in Enea Wytwarzanie sp. z o.o. – location: Świerże Górne
- Waste management principles in Enea Wytwarzanie sp. z o.o. – location: Świerże Górne
- Waste Management Manual at the Białystok Heat and Power Generating Plant
- Waste management manual at Enea Wytwarzanie sp. z o.o. – [RES](#) segment
- Water management manual for the cascade of hydropower plants on the Brdo river (Koronowo, Tryszczyn, Smukała)

- Water management manual for hydroelectric power plants on the Vistula River (Żur and Gródek)
- Water management instructions for all hydroelectric power stations on the Reda River
- Water management manual for the Oborniki Hydroelectric Power Plant

Enea Operator implements the following policies and procedures in the Distribution Area:

- Company Environmental Pollution Bank (Polish: Zakładowy Bank Zanieczyszczeń Środowiska ZBŚŚ) SOZAT
- Procedure for fulfilling obligations towards entities financing investments of Enea Operator sp. z o.o.
- Procedure for recording electrical equipment containing at least 3 kg of SF6 gas and associated operation

In 2017, there were no significant fines or non-financial sanctions imposed for non-compliance with environmental laws and regulations. The only marginal incident was the additional fee in Enea Ciepło for exceeding the conditions for entering industrial wastewater into the sewer network in the amount of PLN 1 700.60.