

POLISH ENERGY GROUP

# Who we are

#### Business profile

The PGE Capital Group is Poland's largest energy sector company with respect to sales revenues and net profit. Thanks to the combination of its own fuel resources, power generation and distribution networks, PGE guarantees a safe and reliable power supply to over 5 million households, businesses and institutions.

#### Mission and vision

PGE wants to play a key role in the modernisation of the power sector.

PGE's mission is to provide energy for a safe future. In accordance with its long term vision PGE is to become a leader in sustainable energy transition in Poland. Vision of the PGE Group translates into three strategic priorities, including:

- generation of environmentally friendly energy
- provision of modern energy services
- efficient and effective organisation

For more information on how the group intends to accomplish its mission, see the <u>PGE Group's strategy until 2030</u>.

#### Our values

Our activities are realized in the spirit of Partnership, Development and Responsibility - values, which constitutes the base of our Code of Ethics. We build trust by duly informing about our business. We focus on competence development of our employees as well as use of business opportunities. Partner relationships with our counterparties are at the forefront.

All employees at every PGE Group entity, including the management and all co-operators, are required to follow the Code.

#### PGE Group's Code of Ethics

Developing transparent business relations and cooperation that is based on partnership, respect and trust is our priority.

The PGE Group Code of Conduct for Business Partners sets out our rules and minimum requirements for PGE Group Companies' Business Partners.

PGE Group Code of Conduct for Business Partners \*

\* Material source: https://www.gkpge.pl

## **PGE Group currently**

	Total <b>installed capacity</b> of the PGE Group	<b>17.8</b> GWe
10 10	Electricity sales to end users	<b>42.9</b> TWh
2000 C	Power generation of the PGE Group	<b>58.3</b> TWh
	Number of electricity end users serviced by the PGE Group	5.33 million
- Company	Lignite production in the mines of the PGE Group	43.3 million tons
*	Total <b>length</b> of PGE Group <b>distribution networks</b>	<b>293 686</b> km
	Heat sales to end users	<b>50.34</b> PJ
	Power generation from renewable sources	<b>2.04</b> TWh
26		as of 21 December 2010

as of 31 December 2019



### Society's expectations define a vision for the energy industry

#### **Evolution of social expectations**

**Environmentally friendly** energy

Solutions tailored to the needs of customers providing a feeling of **independence** 

Mobile, simple and always available service channels

**Transparency** of communication and corporate social responsibility



#### Decarbonisation

Climate neutrality goals

Electrification of heating and transport

#### **Decentralisation**



Development of distributed power generation

New roles and participants in the power market

Change in the conditions of operation of energy networks

Automation and digitisation

#### Competition



Growing value of the climate neutral brands

New players from outside the energy sector

Simple and attractive product offers, supported by new technologies

\* Material source: https://www.gkpge.pl

# PGE wants to play a key role in the modernisation of the sector





We provide energy for a safe future.



Leader in **sustainable energy transition** in Poland.



### Vision of the PGE translates into three strategic priorities



Leader of sustainable energy transition

Clean energy



Modern energy services



Efficient and effective organisation





### Clean energy

As a leader of transition, we declare to reduce our impact on the natural environment.

We plan to reduce the greenhouse gas emissions by changing the technology, expanding the renewable energy portfolio and enabling our clients to participate in the transition.

We want to promote a circular economy and achieve climate neutrality by 2050 at the latest.



### **PGE** will contribute to climate protection

### Global challenges



#### **Emissions reduction**

at least

55%

compared to 1990



Increase in renewable energy generation

at least

32%

share of consumption

### PGE's aspirations

85%

zero- and low-emission sources in the portfolio\*

120 million tons of avoided CO<sub>2</sub> emissions

50%

share of renewable energy in the portfolio

>90 TWh of accumulated generation of renewable energy



#### The Green Deal

Europe's climate neutrality by 2050



0.0

100%

net CO<sub>2</sub> emissions

of renewable energy









2050

2030

### Achieving climate neutrality will be a long, complex process

2020

2030

2050

#### The road to climate neutrality

Evolution of the generation portfolio towards renewable Energy sources

No investments in new mining or coal generation and coal asset spinoff\*\*

Conversion of CHP plants to gas fuel and biomass

Shut-down of production based on natural gas in the electrical power industry by 2042

The use of new, zero-emission mature technologies (e.g. green H<sub>2</sub>, SMR)

# Systematic reduction of emission intensity of PGE Group assets\*



CLIMATE NEUTRALITY OF THE PGE GROUP

# Our certificate

