



Polish Investment
& Trade Agency
PFR Group

Poland. Business Forward

THE GREEN TECHNOLOGIES SECTOR

Poland. GreenTech



Poland is an internationally acclaimed destination for:



Pristine nature

Top 10 country to visit according to Lonely Planet



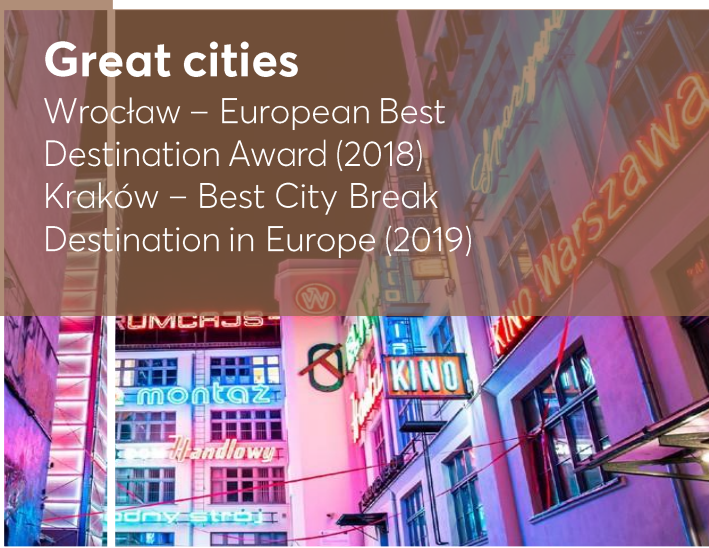
A place where east meets west

Dynamic business hub at the heart of Europe



Vibrant food scene

Warsaw among top 10 vegan-friendly cities in the world



Great cities

Wrocław – European Best Destination Award (2018)
Kraków – Best City Break Destination in Europe (2019)



Attractive place for expats

Young, increasingly international society, with very high level of English proficiency



Rich history

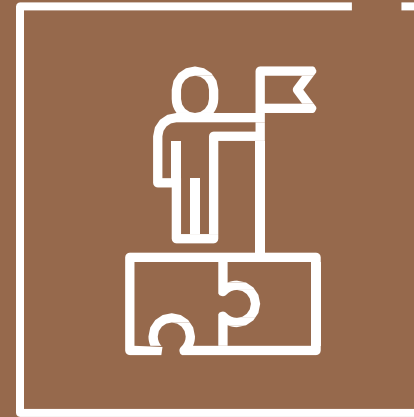
Vast legacy of bravery and resilience



**WHY
POLAND**



**WHAT THE
POLISH
GREENTECH
SECTOR STANDS
FOR?**



**WHAT MAKES
US
DIFFERENT?**



**DID YOU
KNOW?**



**INSTITUTIONAL
ENVIRONMENT**



**HOW WE CAN
HELP YOU**

Unprecedented growth

Highest growth rate in the OECD between 1990 and 2019

Superb market access

40% of the region's total GDP and a gateway to the wider EU market

Large, high-quality talent pool

300k+ of well-educated graduates annually

Resilient economy

Max score for Macroeconomic Stability in the Global Competitiveness
Almost 30 years of continuous growth
Almost 10 years of stable growth in foreign trade turnover

Transparent

Regional leader in the Transparency International Corruption Index

FDI magnet

2nd in the EU, 5th in the world in terms of value of new greenfield projects (2020)
One third of all FDI stock in the region

Top-notch infrastructure

1st in CEE in Airport Connectivity & Quality of Road Infrastructure (Global Competitiveness Report)

Largest share of the EU budget

EUR 160bn for Poland in subsidies and loans until 2027

Competitive, well-developed cities

European Cities of the Future (fDi Intelligence)
Warsaw: 7th position (ahead of Berlin and Stockholm)
Kraków: 2nd in EU in Business Friendliness among Large Cities



WHAT THE POLISH GREEN TECHNOLOGIES SECTOR STANDS FOR?



Poland is fast growing producer:

The 5th place in the UE in terms of the growth of new PV capabilities



Wind energy in Poland:

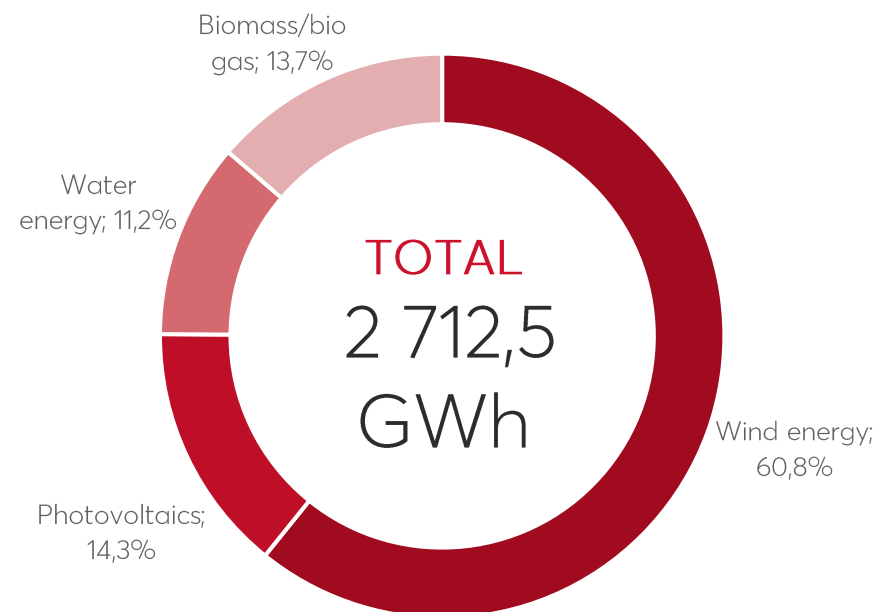
1239 – wind power stations
14 174 GWh – total produced energy



Water energy in Poland:

771 – hydroelectric power stations
973,1 MW – total power

Renewable energy production in Poland (April 2021, GWh)



Sources:
Urząd Regulacji Energetyki (Energy Regulatory Office), via rynekelektryczny.pl, data as of end 2020
Urząd Regulacji Energetyki, data as of 31.12.2019
Agencja Rozwoju Energetyki (Energy Development Agency), via GLOBEnergia

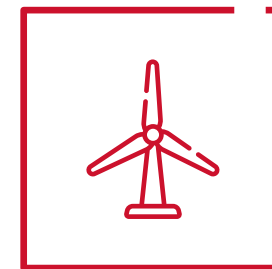
WHAT MAKES US DIFFERENT?

Diversification

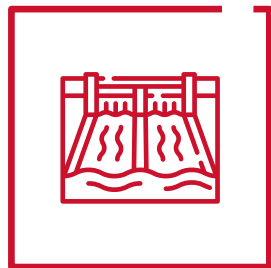
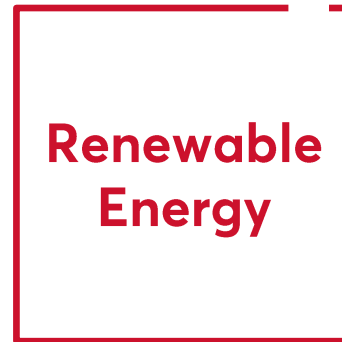
The development of renewable energy sources in Poland is diversified. It is not focused on single or few technologies - but covers almost full spectrum of green energy sources. In case of Poland that includes photovoltaics, wind energy, hydropower and biomass energy.



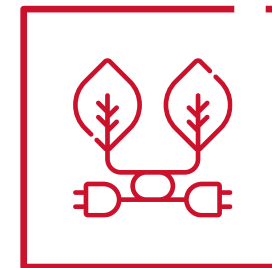
Photovoltaics



Wind energy



Water energy



Biomass/Biogas

Poland is focused on developing all types of renewable energy. This is the basis for sustainable development and creates the potential to create a stable and reliable energy system based on green sources.

DID YOU KNOW?

Perovskite cells for solar power generation

Polish scientist Olga Malinkiewicz has developed a novel technology – *perovskite cells*. Saule Technologies is now producing flexible films that generate electricity – with a broad spectrum of performance across a range of lighting conditions. The ease of application and versatility of the cells gives them the potential to widely popularise the use of light as an energy source.

Quantum dot technology helps to obtain sun energy

The *quantum dot technology*, patented by the Polish company ML System, is currently being further developed. The special glass produced under the trade name „Quantum Glass” has the potential to revolutionise solar energy production by turning ordinary windows into photovoltaic cells.

Poland actively works to support wind technology transfer

Polish fuel and energy company PKN Orlen started the partnership with Canadian Northland Power Inc. with the aim of implementing a wind farm project on the Baltic Sea. The goal is to design, build and operate a farm with a capacity of up to 1.2 GW. This is an example of potential of beneficial cooperation that facilitates Polish green transformation.

INSTITUTIONAL ENVIRONMENT



Polish Offshore Wind Sector Deal

On September 15 (2021), the "Polish Offshore Wind Sector Deal" was signed. It is the first such agreement in the European Union and the second in Europe - as it is inspired by the UK Offshore Wind Sector Deal of March 2019. Among the signatories of the document (with the initiative started by the Ministry of Climate and Environment) were representatives of government administration, business, research organizations and local administrations.

PFR Green Hub

PFR Green Hub is a strategic program of the Polish Development Fund aimed at supporting Poland's energy transformation by investing in renewable energy projects.

- Investments under market conditions and without crowding out private capital
- PFR Green Hub integrates institutions, local governments and companies operating in the energy market
- Supports and moderates Polish green innovation ecosystem



GreenEvo – Ministry of Climate and Environment

GreenEvo - Green Technology Accelerator is a program of the Ministry of Climate and Environment, designed to promote Polish green technologies. The core of the Program is to support Polish environmental technologies at home and abroad.

- Main task of the Program is to help Polish SMEs to establish international contacts and transfer green technologies
- The activities in the Program comprehensively stimulate sustainable development
- They also support the development of circular economy



The Polish Investment and Trade Agency

The Polish Investment and Trade Agency's (PAIH) mission as a government agency is:

- * To enable small- and medium-sized companies to reach their full potential in exporting their products and services around the world
- * To support potential investors in Poland by providing comprehensive and up-to-date information services regarding legal and tax aspects, location and human capital, as well as on the available financial incentives
- * To promote 'Poland as a Brand'

How we can help

PAIH's experienced team of experts with a hands-on approach and excellent understanding the needs of entrepreneurs will ensure that your cooperation will be as fast and smooth as possible



Information packages
(macroeconomic, HR, legal, sectoral data)



Analysis of export potential



Preparing information packages



Verifying business partners



Organising business missions



Preparing lists of possible business partners



Organising B2B meetings



Supporting in contacts with government agencies

Contact us

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