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The National Fund for Environmental Protection and Water Management as a pillar of funding environmental protection in Poland
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Agenda

1. General information
2. Operating strategy
3. Priority programmes
4. Our achievements
5. Environmental effects
6. Future plans
General information
National Fund for Environmental Protection and Water Management

- 26 years of experience in financing environmental protection projects
- created during the transformation of 1989
- state legal person
- approximately 550 employees, including more than 200 engineers
- a globally unique key element of the environmental funds’ system and a pillar of the environmental protection funding system
## Funding sources for environmental protection in Poland

<table>
<thead>
<tr>
<th>Source</th>
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<tbody>
<tr>
<td>Environmental Protection Funds</td>
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<tr>
<td>National Fund for Environmental Protection and Water Management</td>
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<tr>
<td>Voivodeship Funds for Environmental Protection and Water Management</td>
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<tr>
<td>Foreign aid, including the European Union</td>
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<td>BOŚ and other banks</td>
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<td>Funds from companies, local government and public-budget entities</td>
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<td>State budget and voivodeship budget</td>
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<tr>
<td>Other (agencies, foundations, private funding)</td>
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Environmental protection funding diagram

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Laws governing NFEPWM’s activities

- Energy Efficiency Law
- Waste Law
- Act on Recycling of End-of-Life Vehicles
- Act on Duties of Business Operators with respect to Managing Certain Types of Waste and Product Fee
- Act on Packaging and Packaging Waste
- Act on Waste Electrical and Electronic Equipment
- Act on International Shipments of Waste
- Act on batteries and accumulators
- Act on the Scheme of Greenhouse Gas Emission Trading
- Act on Managing Emissions of Greenhouse Gases and Other Substances
- Act on Substances that Deplete the Ozone Layer
- Public Finance Act
- Accounting Act

- Environmental Protection Act
- Water Law Act
- Geological and Mining Law Act
- Public Procurement Law
- Energy Law Act
Our Beneficiaries

- Local government entities
- Enterprises
- Institutions and offices
- Universities
- Health care organisational units
- Non-governmental organisations
- Public administration
- Private individuals

Legal status allowing to conclude a civil-law contract
# Forms and areas of funding

## Main forms

- Subsidies
- Interest-bearing loans
- Credits granted by banks from NFEPWM’s funds
- Subsidies for disassembly of end-of-live vehicles
- Subsidies for interest rates of credits
- Cancellations
- Equity investments
- Subsidies for interest rates or bonds’ redemption price
- Partial payments of loans’ principals

## Main areas

- Water protection and management
- Climate and atmosphere protection
- Protection of earth surface
- Waste management, including recycling
- Nature and landscape protection
- Forestry
- State Environment Monitoring
- Environmental threats prevention
- Mining and geology
- Environmental education
- Professional analyses and scientific research
- Energy efficiency
- Renewable energy sources
Sources of income

- Recycling fees for end-of-live vehicles
- Substitution fees and fines laid down by the Energy Law Act
- Financial income
- Fees and fines for using the environment
- Selling assigned amount units of greenhouse gases
- State budget subsidies
- Royalties and concession fees

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Method of operation

- Beneficiaries lodge applications for co-financing
- Assessment of the application in accordance with the criteria (completeness, technical and environmental, financial)
- Decision by the Management or Supervisory Board
- Conclusion of the contract with the Beneficiary
- Project implementation
- Project completion
Documents setting out the directions of support by NFEPWM

- Environmental Protection Law
- Joint strategy of the National Fund and voivodeship funds for environmental protection and water management for 2013-2016 with the perspective until 2020
- NFEPWM’s operating strategy for 2013-2016 with the perspective until 2020
- NFEPWM’s priority programmes
Operating strategy
Our vision

We are oriented towards **EFFECTs**

**We strive to be an institution that is:**

**E** – environmental – respecting and promoting the principles of sustainable development

**F** – funding – providing effective financial support

**F** in the area of environment and water management

**E** – elastic (flexible) – adapting to the needs of the recipients

**C** – competent- fulfilling the obligations of a public institution in a competent and reliable manner

**T** – transparent – implementing its tasks in an ethical, open and transparent fashion
Our mission

We provide effective and efficient support for environmental activities.
Our goal

Environmental improvement and sustainable management of its resources through stable, efficient and effective support for projects and initiatives serving the environment.
Main priorities

- Water resources’ protection and sustainable management
- Protection of biological diversity and functions of the ecosystems
- Rational waste management and the protection of earth’s surface
- Atmosphere protection
The priority programme includes:

- goal of the programme and achievement indicators
- legal basis for providing funding
- budget and implementing period
- types of beneficiaries and projects
- procedure and criteria for selecting projects
- detailed regulations
Priority programmes for 2015

Protection and sustainable management of water resources

1.1 Water and sewage management in agglomerations
1.2 Construction, alteration and reconstruction of hydrotechnical structures

Rational waste management and protection of earth’s surface

2.1. Rational waste management
2.2. Protection of earth’s surface
2.3. Geology and mining

Atmosphere protection

3.1. Air quality improvement
3.2. Energy efficiency improvement
3.3. Supporting distributed, renewable energy sources
3.4. GIS – Green Investment Scheme
Priority programmes for 2015

Protection of biological diversity and functions of ecosystems

4.1. Protection and restoration of biological diversity

Interdisciplinary programmes

5.1. Support of the Minister of the Environment in implementing environmental protection policy
5.2. Tasks listed by the legislature
5.3. Supporting environment monitoring programme
5.4. Prevention of environmental threats and liquidation of their effects
5.5. Environmental education
5.6. Co-financing of the LIFE programme
5.7. SYSTEM – Support for environmental protection and water management activities carried out by the VFEPWM
5.8. Strengthening local communities’ activities for sustainable development
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Our achievements
Scale of NFEPWM’s activities

- Annual payments in the amount of approx. PLN 4 – 6 bn
- Approx. 50% from EU funds
- Approx. 50% from national funds

- Total worth of co-financed investments: PLN 144.8 bn
- Granted co-financing: PLN 37.9 bn*
- Income from fees and fines: PLN 19.6 bn

* concluded contracts concerning co-financed projects

Total: PLN 60.0 bn

- National funds: PLN 36.6 bn
- EU funds: PLN 23.4 bn
NFEPWM’s importance for the economy

01. financing environmental protection
02. mobilisation of investors’ funds
03. processing of EU grants
04. stimulation of new investments
05. aiding the creation of new jobs
Water protection measures

We finance, among others:

- construction and modernisation of sewage treatment plants
- construction and modernisation of barrages and reservoirs
- modernisation of hydrotechnical facilities
- modernisation of sewer systems
- regulation works
- flood defences
- dealing with flood consequences

PLN 15.5 bn
(1989-2014)*

* concluded contracts
Earth protection measures

We finance, among others:

- low-waste, clear production technologies
- modern waste management facilities
- complex waste management systems
- separate waste collection centres
- waste disposal technologies
- construction and modernisation of the biggest incinerators
- recycling of end-of-life vehicles
- mine water desalination installations

PLN 4.1 bn
(1989-2014)*

*concluded contracts
Air protection measures

We finance, among others:

- modernisation of the biggest Polish power plants
- high-performance energy sources
- modern technologies of flue-gas and fuel desulfurization
- installations reducing nitric oxide and CO2 emissions, and the modernisation of heating substations network
- RES micro-installations
- thermo-modernisation of public utility buildings
- collectors

PLN 10.4 bn
(1989-2014)*

*concluded contracts
Environmental protection measures

We finance, among others:

- national programmes of species’ preservation
- protection of endangered plants and animals’ gene pool
- protection of historic manor and park complexes
- measures related to ecosystems’ protection
- national parks and nature reserves
- developing environmental protection plans
- fire protection systems
- dealing with the consequences of fires
- seed orchards and the creations of gene banks
- silviculture

*concluded contracts

PLN 1.1 bn
(1989-2014)*
Educational activities

We finance, among others:

- activities of educational centres
- nation-wide campaigns, educational programmes
- purchase of teaching aids
- production and broadcasting of nature documentaries, TV shows and radio auditions
- scientific conferences, seminars, trainings, workshops
- environmental education centres

PLN 0.6 bn
(1989-2014)*

*concluded contracts
Fund sharing

As part of some priority programmes, NFEPWM shares a part of its funds with the voivodeshi funds for environmental protection and water management, intended for providing grants on, among others:

- household sewage treatment plants
- asbestos removal
- RES micro-installations (Prosumer)
We meet European standards

New solutions supporting entrepreneurs and innovation

Developed and improved centres of competence

Acquired foreign funds and their full processing

Trained and experienced Management teams, Specialists and experts

Recognition in the European Commission and exchange of experiences

Experience in implementing Various financial instruments In different areas

Advanced scientific and expert works in the area of implementing an extended offer of financial instruments using EU funds in the new financial perspective

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NFEPWM as an Implementing Body of European funds

**OP I&E 2007-2013**
- Water and sewage management
- Waste management and protection of earth’s surface
- Resources management and protection from environmental threats
- Measures adapting enterprises to environmental protection requirements
- Environmentally friendly energy infrastructure and energy efficiency

**LIFE+ 2007-2013 Programme**
- Nature and biological diversity
- Environmental policy and management
- Information and communication

**Norway Grants 2009-2014**
- Biological diversity and ecosystems’ protection
- Enhancing environmental monitoring and control measures
- Energy-saving and promoting renewable energy sources
Foreign co-operation – funding environmental projects

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Our strengths

- possessed capital resources
- effective implementation of revolving financial schemes
- the ability to implement European programmes, obtained as a result of the experiences earned while implementing two EU perspectives
- the ability to fund a wide and diversified array of tasks
- a developed mechanism of self-financing
- low costs of payment processing for the beneficiary
- trained staff
- proven procedures
- the existing acquis
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Environmental effects
Qualitative and quantitative improvement of water resources, surface and underground, through:

- reduction of pollutant loads emitted to the environment
- increase sewage treatment plants’ capacity
- increase in pumping plants’ capacity
- increase in water treatment plants’ capacity
- increase in reservoirs’ capacity
Earth’s surface

- reduction of the amount of waste sent to landfills through recycling of municipal solid waste
- restoration of usability and natural values of areas degraded by the military, industry, mining and transport through their recultivation
- protection of earth and the environment by securing toxic waste storage plants
- protection of soil and water through the reduction of salinated water discharges from mines and the removal of asbestos
Atmosphere

Improvement of air quality and purity through:

• reduction of CO$_2$, SO$_2$, NO$_x$, fine particles, industrial pollutants and petroleum emissions

• increase in the efficiency of production, distribution and use of electric energy and heat

• reduction of energy consumption in the public sector

• increase in the use of renewable energy sources
Landscape and nature

- preservation and restoration of biological diversity at the scale of environment systems
- protection of flora and fauna species through restitution and reintroduction
- protection of national parks through the construction of water protection devices and liquidation of emission sources
- restoration of natural values to historic parks and manor complexes
- radical improvement of the condition of forests through the regeneration of stock
- increasing the country’s afforestation through reforestation
- prevention of mountain forests’ diebacks
Environmental education

- engaging several million people in educational activities
- improvement of ecological base
- implementation of many nationwide and local educational programmes on environmental and climate protection, waste management and recycling, water protection, sustainable development etc.
Future plans
Partnership agreement

The most important document determining the strategy of using the new European Funds

25% of the total amount for Poland
New European funds for the environment

**OP I&E 2014-2020** - EUR 3,5 bn

**LIFE 2014-2020 Programme** - EUR 3,5 bn

(including EUR 51mln – allocation for Poland in 2014-2017 for the sub-programme related to the environment)
NFEPWM as an Implementing Body of the new European funds

OP I&E 2014-2020

- Decarbonisation of the economy
- Environmental protection, including adaptation to climate change

LIFE 2014-2020 Programme

- Measures for the environment
- Measures for the climate
Financing from EU funds
OP I&E 2014 - 2020

Supporting a low-carbon economy:
- production and distribution of renewable energy
- improvement of energy efficiency
- energy efficiency and renewable energy in companies, the public sector and residential construction
- development and implementation of intelligent energy distribution systems
- low-carbon strategies for urban areas

Prevention and adaptation to climate change:
- development of environmental infrastructure
- protection and cultivation of biological diversity
- improvement of the environment in urban areas
Energy consultancy

- Beneficiary (Leading Partner) – NFEPWM
- Partners – 15 VFEPWMs and the Marshall’s Office of Lublin Voivodeship
- Project implemented within the framework of OP I&E 2014-2020

**General goal:** Support for projects contributing to the implementation of the climate and energy package UE 20/20/20.

**Specific goal 1:** Increasing awareness about low-carbon economy.

**Specific goal 2:** Support for municipalities in the preparation and implementation of PGN/SEAP (Plan Gospodarki Niskoemisyjnej /Sustainable Energy Action Plans)

**Specific goal 3:** Support in the preparation and implementation of investments in the area of energy efficiency and RES.
Covenant of Mayors

A European Commission’s initiative gathering European local and regional authorities, who voluntarily participate in actions aiming at increasing energy effectiveness and the use of renewable energy sources.

The aim of the signatories of the Covenant of Mayors is to achieve or surpass the EU goal, which is a 20% reduction in CO2 emissions by 2020.

The Covenant of Mayors is voluntary in its nature and one can enter it at any moment.

NFEPWM, as a National Coordinator, provides technical assistance during the admittance procedure to the Covenant of Mayors, as well as provides support in contacting the Bureau of the Covenant of Mayors, which represents the European Commission.
New directions, challenges

- maximising efficiency and effectiveness of using the available financial resources
- increasing the share of spending for financing through NFEPWM’s partners (banks, voivodeship funds, among others)
- increasing the use of revolving financial mechanisms
- increasing the funding of innovative solutions
- increasing support for low-carbon economy
- faster processing of beneficiaries, increasing payments, decreasing processing costs
- decreasing operating costs and improving the self-financing mechanism