



National Fund  
for Environmental Protection  
and Water Management

Invest in the environment together

# Institutional and operational setup of the programming processes of green investment support programs in Poland

Marta Babicz

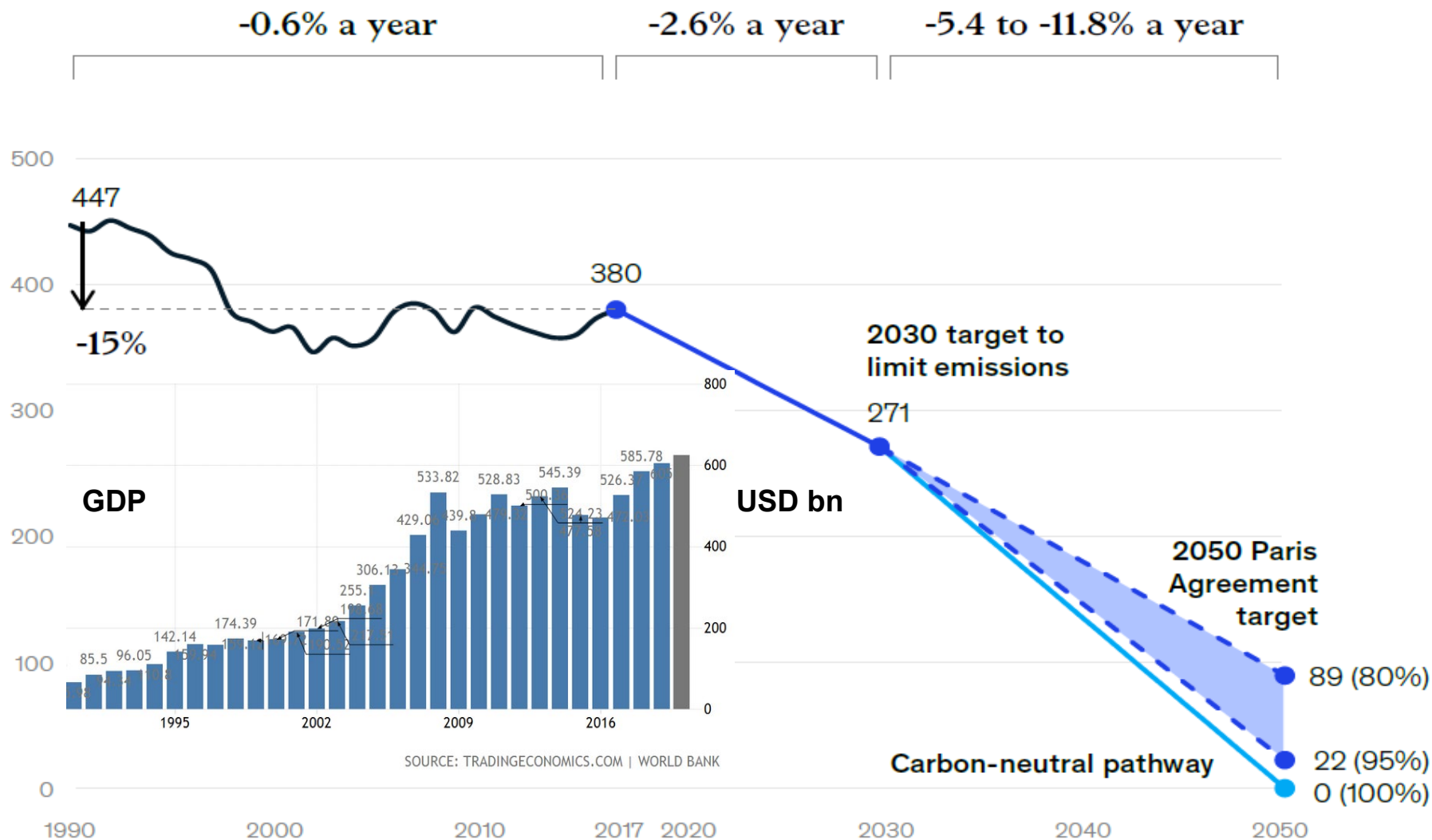
4th JANUARY 2021

# Poland's emissions levels vs GDP

MtCO<sub>2</sub>e



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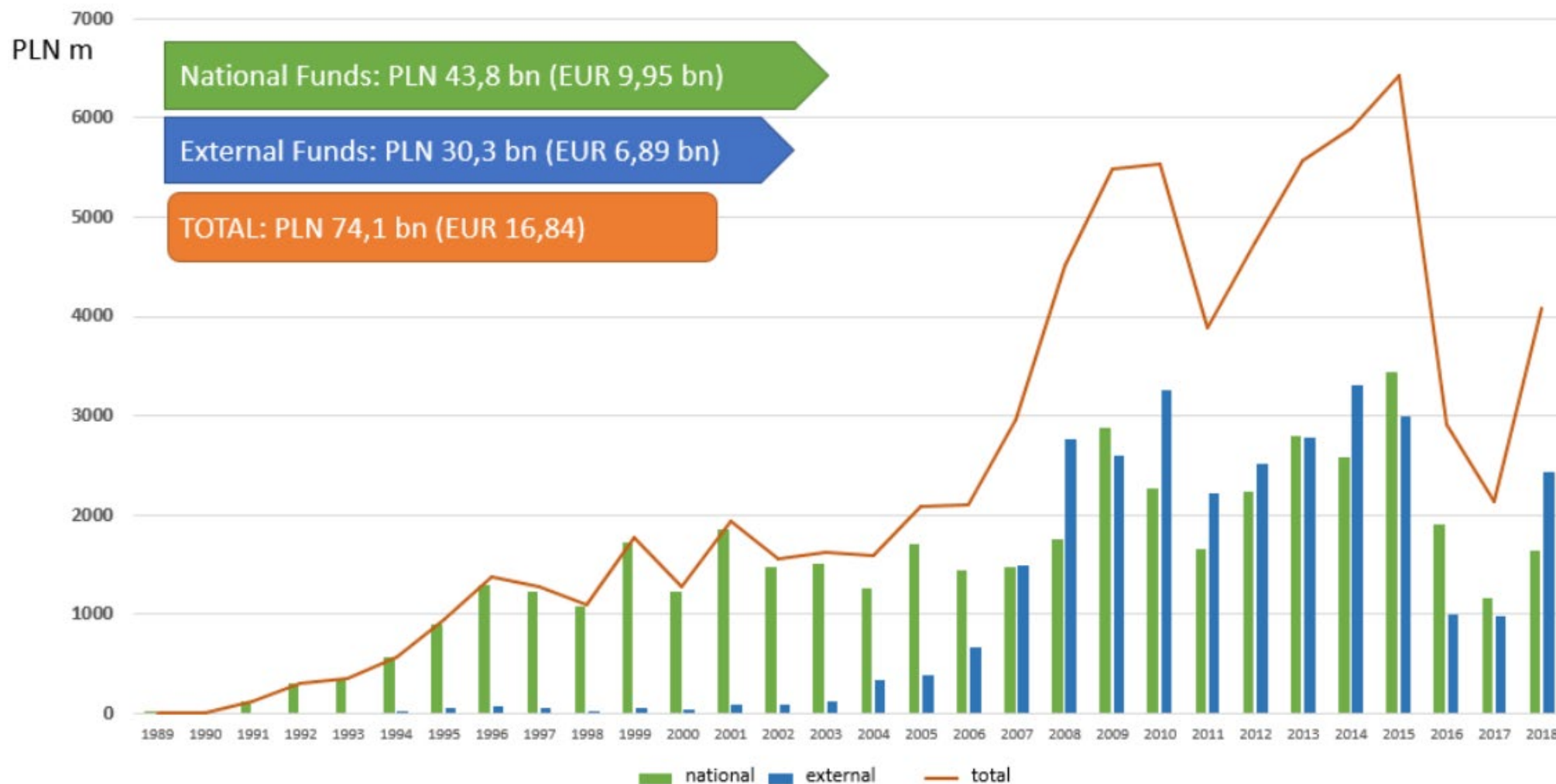




# The National Fund in numbers



30 years  
of experience  
in financing  
environmental  
& energy  
projects



# Forms of financing



- Preferential loans
- Financial instruments/ repayable assistance
- Grants
- Redemptions/ write-offs
- Partial repayments of bank loans
- Additional payments to the interest on bank loans
- Equity



# Main beneficiaries

- Local government units
- Enterprises
- State budgetary units
- Higher education institutions
- Non-governmental organizations (NGOs)
- State administration
- Individuals



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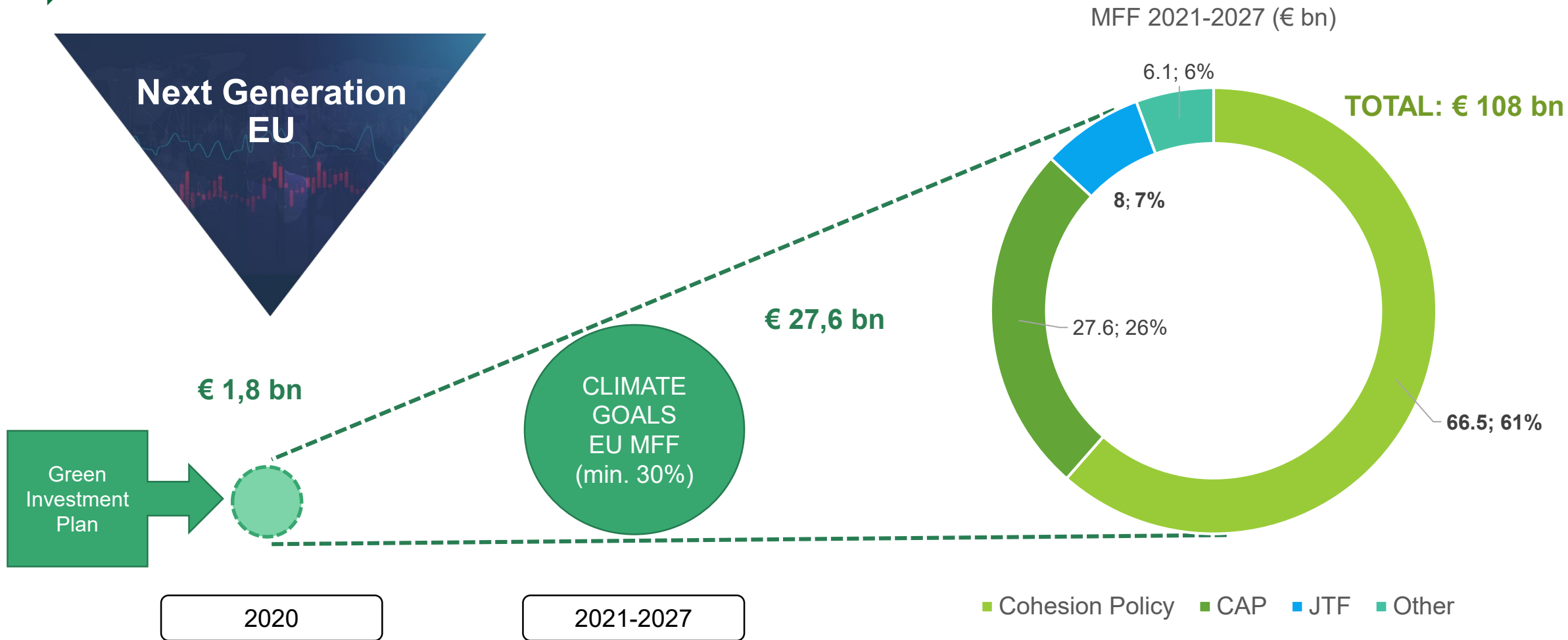
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# Green Investment Programming





# Support for Energy and Climate Transition



# Polish Energy Policy 2040

## I pillar



**Just transition**

## II pillar



**Zeroemission energy system**

## III pillar










**Good air quality**





# Green Investments Plan: covered areas



		 Total budget in 2020	 Impact on economy
	Clean Heat	€ 0,90 bn	€ 2,65 bn
	Common Energy	€ 0,56 bn	€ 1,63 bn
	Water for Poland	€ 0,07 bn	€ 0,08 bn
	Eco-Transport	€ 0,20 bn	€ 0,59 bn
	Innovative Energy	€ 0,04 bn	€ 0,08 bn



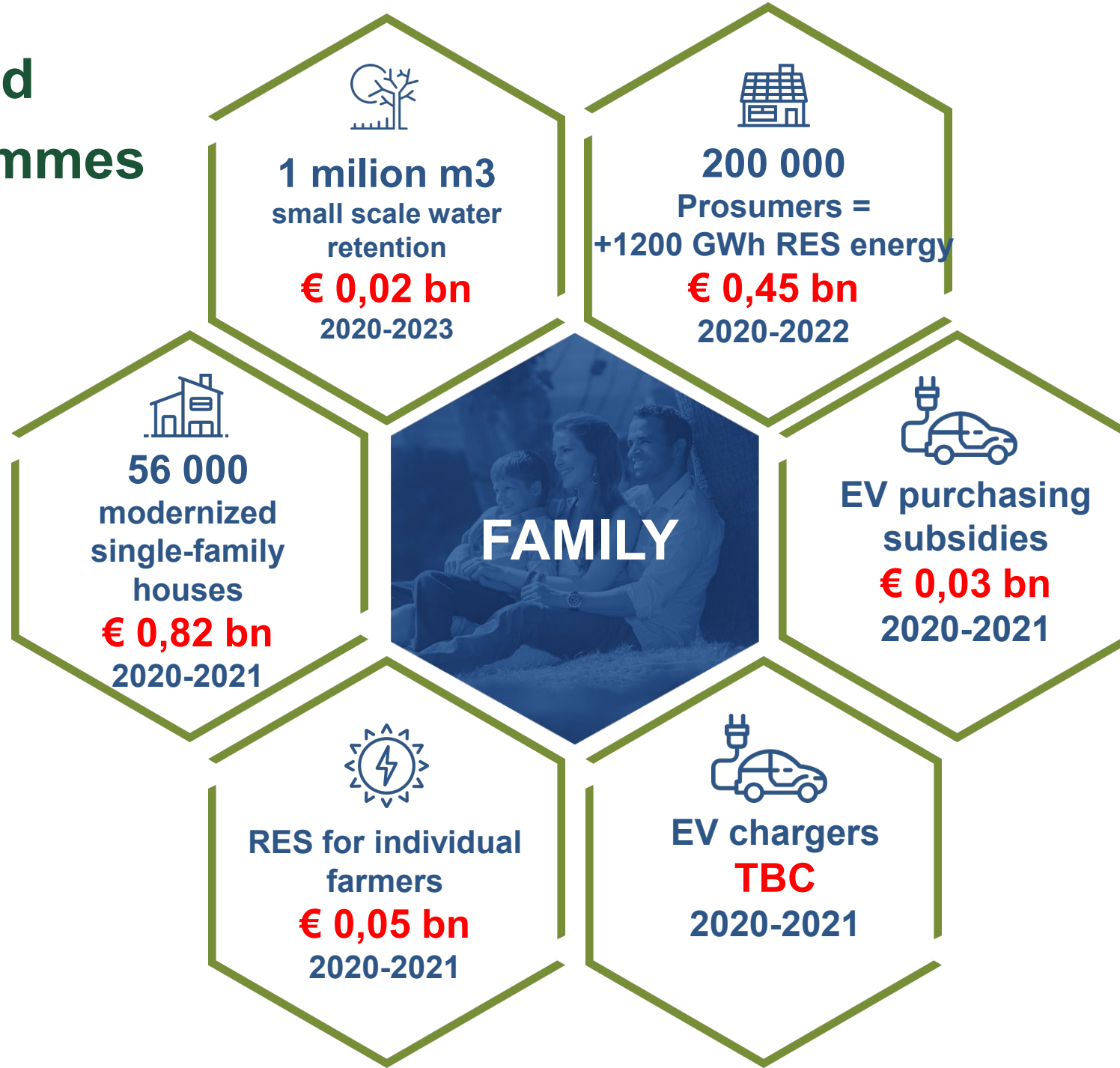
\* Low-Emission Transport Fund operated by the NFEP&WM



## Selected Programmes

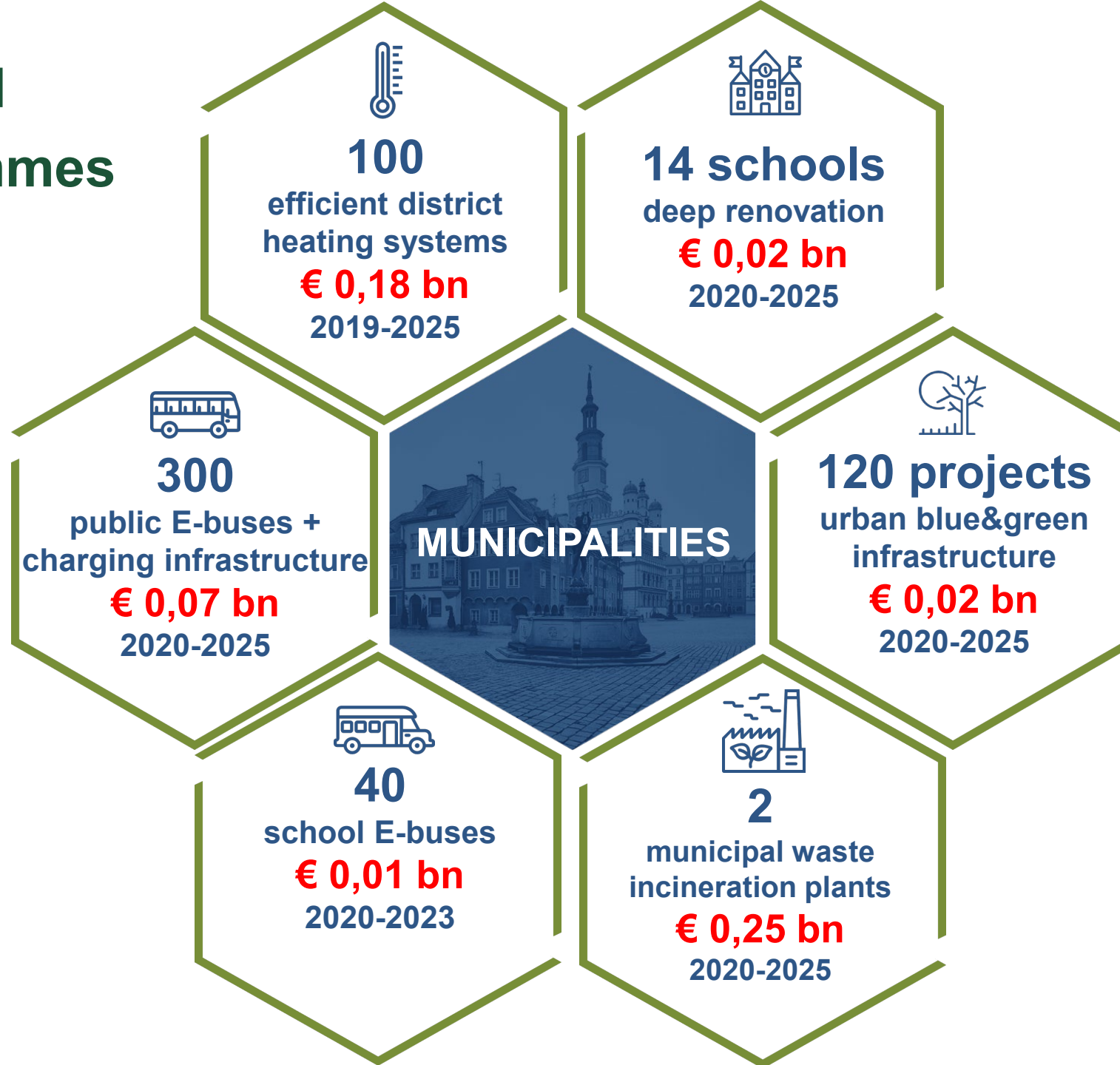


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## Selected Programmes

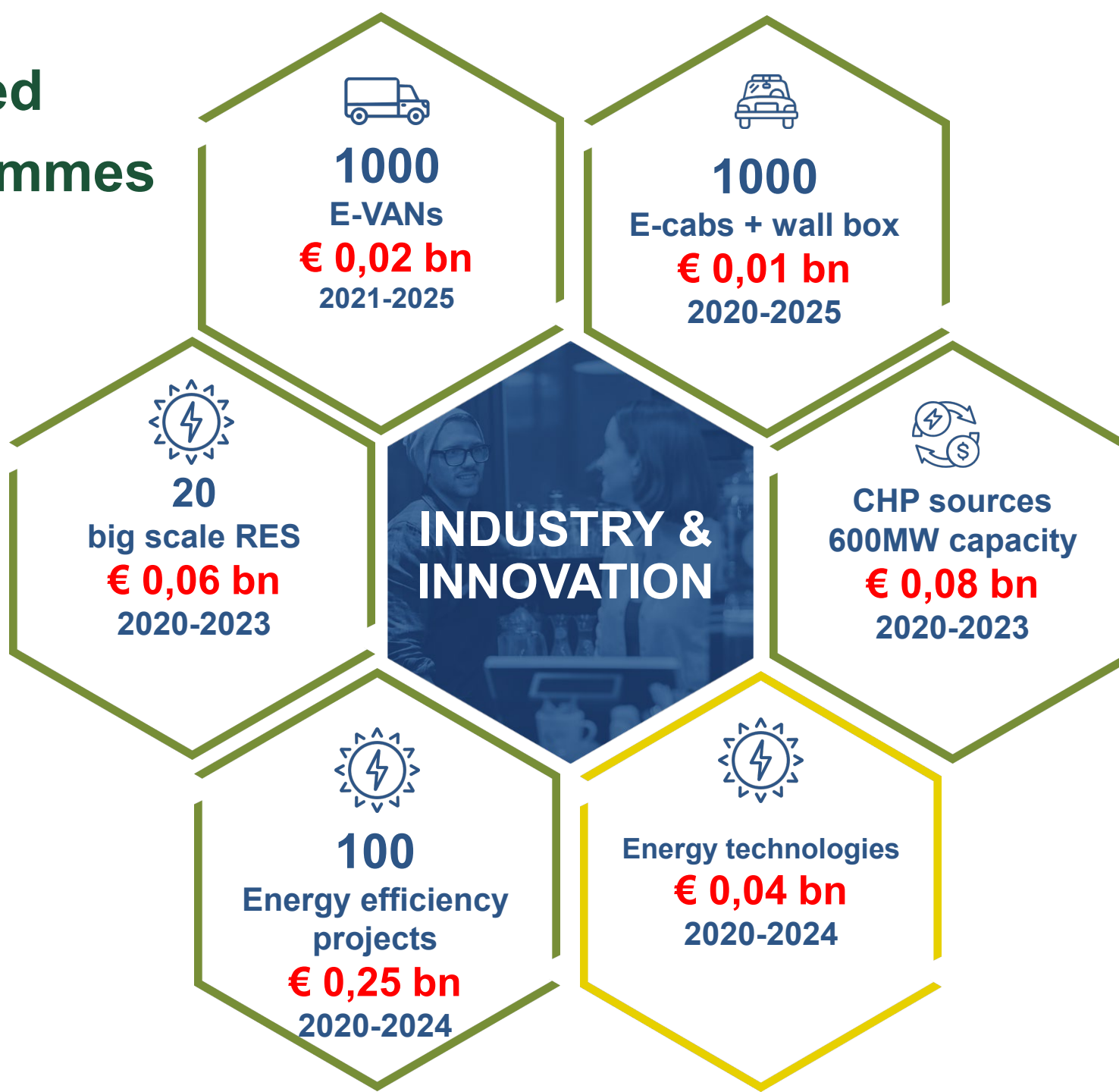









## Selected Programmes






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# Clean heat





PROGRAM	RESULTS	GRANT / LOAN	BENEFICIARY	SOURCE	TOTAL BUDGET (GRANTS + LOANS)	OVERALL ECONOMIC EFFECT
<b>DISTRICT HEATING</b>	100 effective heating systems	Grant up to 50% + loan up to 100% of remaining eligible expenditures	Entrepreneurs producing energy for residents (min. 50% local govt)	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	69,767 mln EUR	<b>116,279 mln EUR</b>
<b>1.5 POIŚ 2014-2020 Effective heat and cold distribution</b>	25 rebuilt / extended heating systems	Grant up to 85% (state aid) + loan up to 100%	Entrepreneurs, housing cooperatives, entities acting on behalf of local govts	 Fundusze Europejskie Infrastruktura i Środowisko	39,886 mln EUR	<b>46,512 mln EUR</b>
<b>1.6.1 POIŚ 2014-2020 Sources of high-efficiency cogeneration</b>	400 MW in high-efficiency cogeneration sources (including RES)	Grant up to 85% (state aid) + loan up to 100%	Entrepreneurs, local govts, entities acting on behalf of local govt	 Fundusze Europejskie Infrastruktura i Środowisko	46,512 mln EUR	<b>55,814 mln EUR</b>
<b>Construction / modernization of municipal heating systems</b>	16 new / modernized heating systems	Grant up to 45% (state aid) + loan up to 100%	Entrepreneurs	 Iceland Liechtenstein Norway grants	38,140 mln EUR	<b>83,721 mln EUR</b>
<b>Improving energy efficiency in school buildings</b>	14 schools with deep thermomodernization	Grant up to 70% (state aid) + loan up to 100%	Local governments	 Iceland Liechtenstein Norway grants	20,000 mln EUR	<b>27,907 mln EUR</b>

# Clean heat

PROGRAM	RESULTS	GRANT / LOAN	BENEFICIARY	SOURCE	TOTAL BUDGET (GRANTS + LOANS)	TOTAL ECONOMIC EFFECT
CLEAN AIR	56,000 modernized residential buildings	Grant up to 37 000 PLN + loan up to 100%	Natural persons who own / co-own single-family building		441,860 mln EUR	1472,093 mln EUR
Development of high-efficient industrial cogeneration	10 new industrial cogeneration installations	Grant up to 80% (state aid) + loan up to 100%	Entrepreneurs		40 mln EUR	51,163 mln EUR
Utilization of the energy potential of residual municipal waste	2 thermal waste treatment installations with a total capacity of app. 350 000 t / year	Grant up to 30% + loan to 100%	Municipal energy and heating companies		255,814 mln EUR	853,488 mln EUR







## Common energy

PROGRAM	RESULTS	GRANT / LOAN	BENEFICIARY	SOURCE	TOTAL BUDGET (GRANTS + LOANS)	TOTAL ECONOMIC EFFECT
MY ELECTRICITY	400,000 households with PV installations	Grant up to 5 000 PLN for PV + up to 1 500 PLN for e-charger	Natural persons who are energy consumers	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	186,047 mln EUR	<b>930,233 mln EUR</b>
Agroenergy	RES on farms	Grant up to 25 000 PLN + 10 000 PLN for heat pump + loan up to 100%	Individual farmers and legal persons involved in agriculture support	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	46,512 mln EUR	<b>232,558 mln EUR</b>
1.1.1 POIŚ 2014-2020 Supporting investments in RES	20 RES installations	Grant in the form of repayable aid (i.e. cancellation of up to 50% of the loan granted)	Entrepreneurs, housing cooperatives	 Fundusze Europejskie Infrastruktura i Środowisko	104,651 mln EUR	<b>232,558 mln EUR</b>
Energy PLUS	100 modernized, more energy-efficient enterprises	Grant in the form of cancellation of up to 10% of loan up to 85%	Entrepreneurs	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	232,558 mln EUR	<b>274,419 mln EUR</b>






# Water for Poland

PROGRAM	RESULTS	GRANT / LOAN	BENEFICIARY	SOURCE	TOTAL BUDGET (GRANTS + LOANS)	TOTAL ECONOMIC EFFECT
<b>MY WATER</b>	Development of backyard retention reducing the problem of drought - potential of 1 million m3	Grant up to 5 000 PLN	Natural persons who own a residential property	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	23,256 mln EUR	<b>30,233 mln EUR</b>
<b>Rural Retention</b>	350 000 m3 of retention with potential use for irrigation	Grant up to 70% + loan up to 100%	Rural communes, farmers, entities owning water bodies and water facilities	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	11,628 mln EUR	<b>30,233 mln EUR</b>
<b>City Retention</b>	Retention development in urbanised areas (droughts + flash floods mitigation)	Grant up to 85% + loan up to 100%	Urban and urban-rural communes	 Fundusze Europejskie Infrastruktura i Środowisko	13,953 mln EUR	<b>16,279 mln EUR</b>
<b>Investment in green-blue city infrastructure</b>	120 investment projects	Grant up to 85%	Local governments	 Iceland Liechtenstein Norway grants	23,023 mln EUR	<b>27,907 mln EUR</b>



# Eco-Transport

PROGRAM	RESULTS	GRANT / LOAN	BENEFICIARY	SOURCE	TOTAL BUDGET (GRANTS + LOANS)	TOTAL ECONOMIC EFFECT
<b>Coliber – climate-friendly taxi</b>	1000 electric taxis + 1000 wall box chargers	Grant up to 20% (max. 25 000 PLN), max. price 150 000 PLN + loan up to 100%	SMEs with a transport license	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	9,302 mln EUR	<b>46,512 mln EUR</b>
<b>GREEN VEHICLE M1</b>	Over 2 000 vehicles	Grant up to 15% (max. 18 750 PLN), max. price 125 000 PLN	Natural persons not engaged in economic activity	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	8,721 mln EUR	<b>58,140 mln EUR</b>
<b>GREEN VEHICLE M1</b>	Over 5300 vehicles	Grant up to 15% (max. 18 750 PLN), max. price 125 000 PLN	Natural persons not engaged in economic activity	<b>Clean Transport Fund</b>	23,256 mln EUR	<b>155,814 mln EUR</b>
<b>Green Vehicle M1</b>	Over 3600 vehicles	Grant up to 20% (max. 25 000 PLN), max. price 150 000 PLN + loan up to 100%	Entrepreneurs, local governments	<b>Clean Transport Fund</b>	20,930 mln EUR	<b>104,651 mln EUR</b>
<b>Canguro: Electric school buses</b>	40 school buses	Grant up to 95% (pref. for small low income communes) + loan up to 100%	Communes	 Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej	13,953 mln EUR	<b>13,953 mln EUR</b>



# Eco-Transport

PROGRAM	RESULTS	GRANT / LOAN	BENEFICIARY	SOURCE	TOTAL BUDGET (GRANTS + LOANS)	TOTAL ECONOMIC EFFECT
<b>EV Charging Infrastructure</b>	EV Charging Infrastructure	Grant - the level of support depending on the arrangements for public aid	Entrepreneurs, local governments	Clean Transport Fund	38,372 mln EUR	<b>76,744 mln EUR</b>
<b>Zero-emission (or low-emission) Public Transport</b>	In 2020 - 300 buses and 75 two-station chargers (contracts)	Grant up to 80% + loan up to 100%	Entrepreneurs, local governments	Clean Transport Fund	69,767 mln EUR	<b>88,372 mln EUR</b>
<b>Electric vehicle production support (components + infrastructure)</b>	300 supported enterprises 300 companies introducing new product	Grant up to 50% + loan up to 100%	Entrepreneurs	Clean Transport Fund	16,279 mln EUR	<b>32,558 mln EUR</b>
<b>E-VAN</b>	1000 electric vans (up to 3.5 t)	Grant up to 30% (max. 70 000 PLN) + loan up to 100%	Entrepreneurs	Clean Transport Fund	16,279 mln EUR	<b>55,814 mln EUR</b>



# Innovative Energy

PROGRAM

RESULTS

GRANT / LOAN

BENEFICIARY

SOURCE

TOTAL BUDGET  
(GRANTS + LOANS)

TOTAL  
ECONOMIC  
EFFECT

**Innovative Energy**

Development and  
implementation of  
innovative technologies:

- biogas production,
- storage of hydrogen, heat and cold,
- heating systems,
- materials improving energy efficiency of buildings,
- waste as a source of energy

Grant combined  
with repayable  
instrument

(up to 100% of  
eligible  
expenditures)

Entrepreneurs,  
local governments,  
scientific and  
industrial consortia



40,000 mln  
EUR

**79,070 mln  
EUR**



# Thank you

M O R E   I N F O R M A T I O N :



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