



National Fund  
for Environmental Protection  
and Water Management

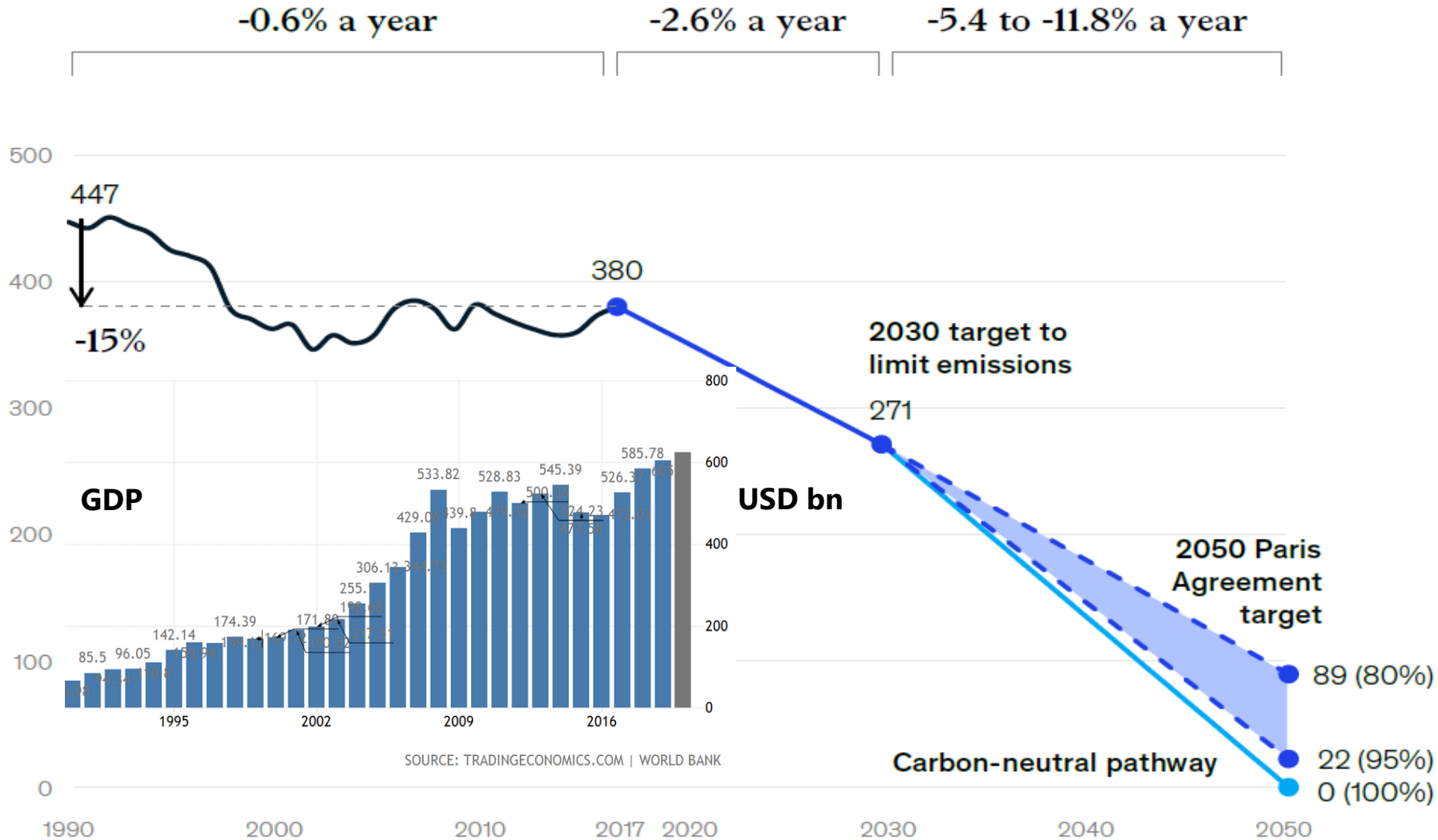
Invest in the environment together

# Green transition, green programmes and green projects in Poland



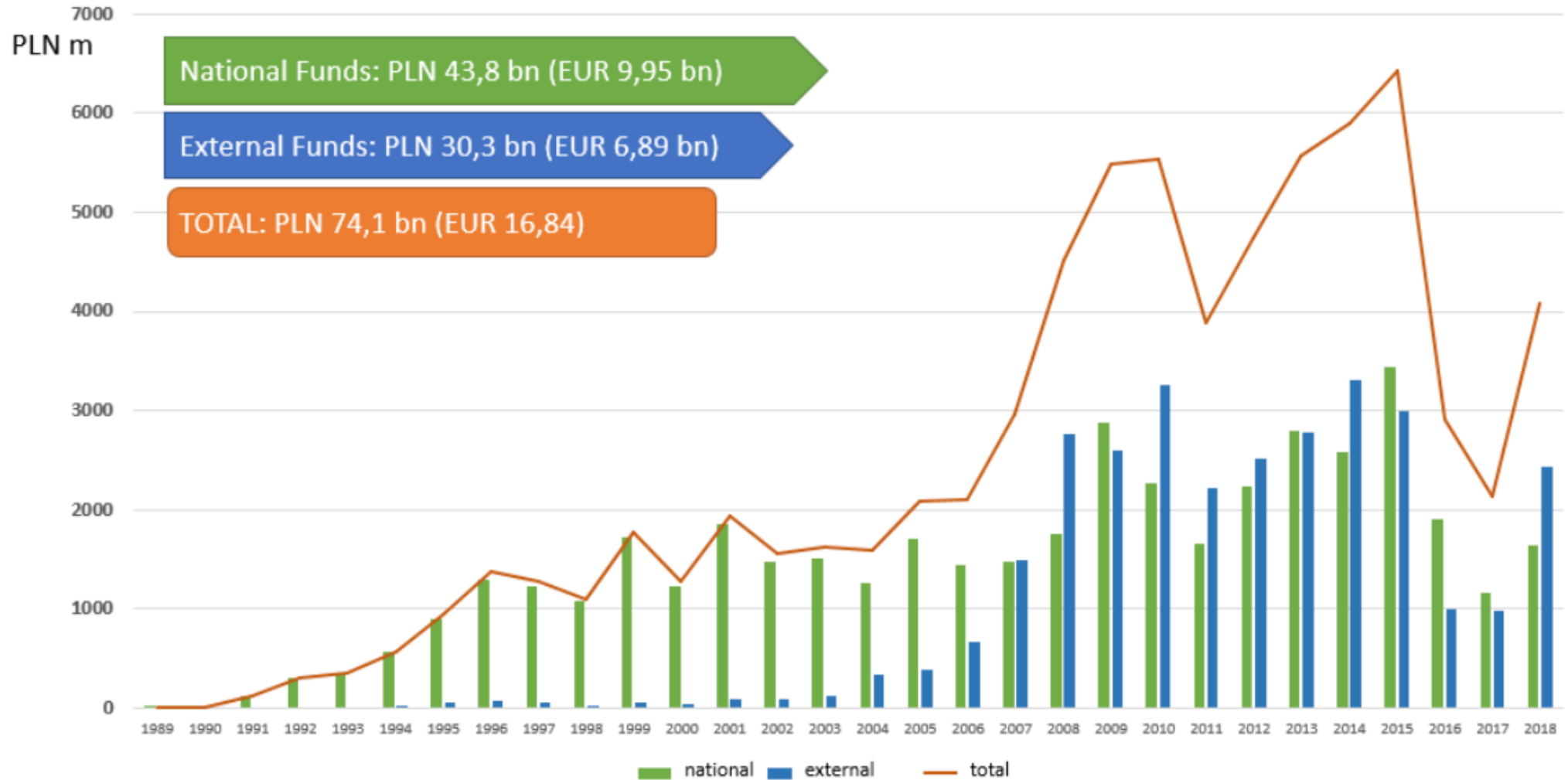
# Poland's emissions levels vs GDP

MtCO<sub>2</sub>e





# 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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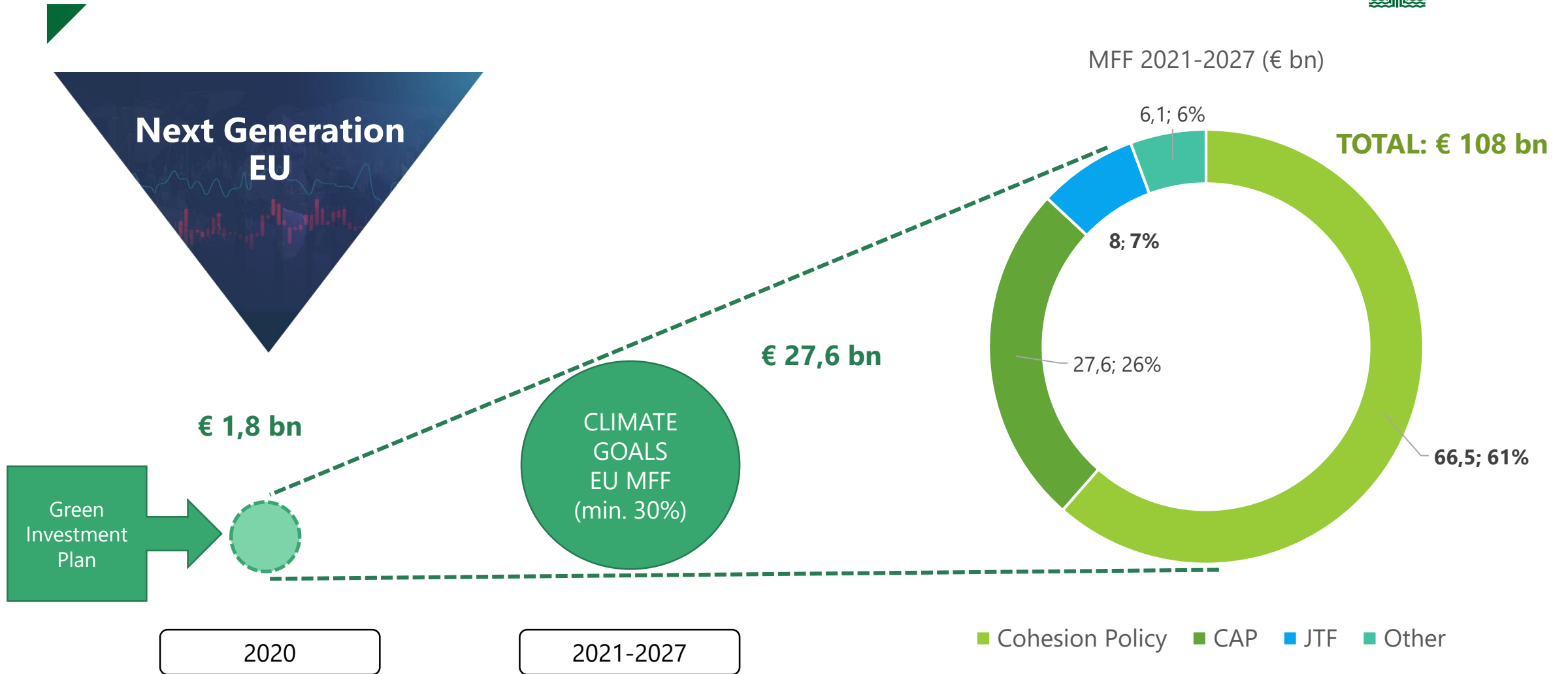
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# Green Investment Plan





# 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



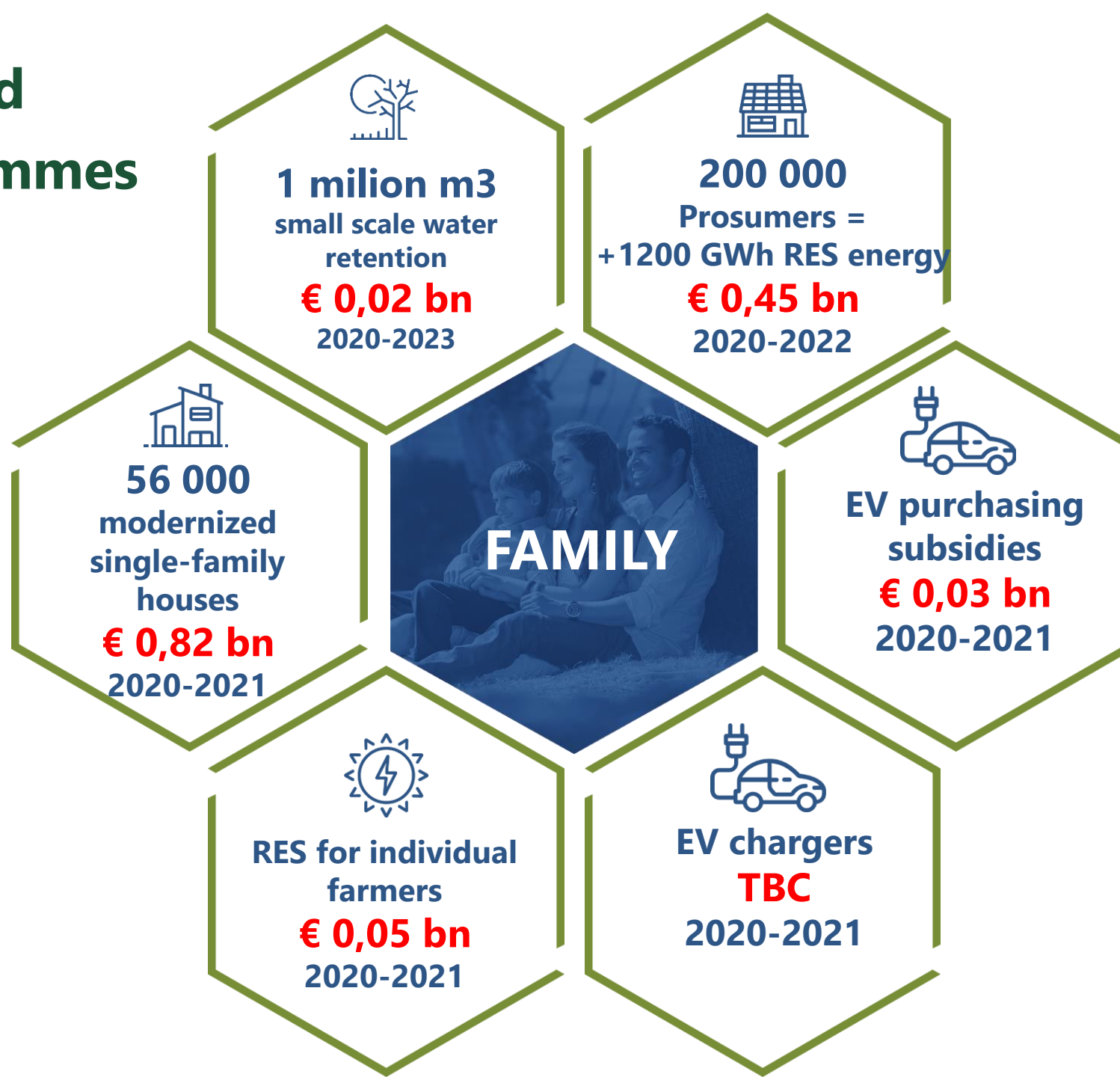
		 Total budget in 2020	 Impact on economy
	Clean Heat	€ 0,90 bn	€ 2,65 bn
	Common Energy	€ 0,56 bn	€ 1,63 bn
	Water for Poland	€ 0,07 bn	€ 0,08 bn
	Eco-Transport	€ 0,20 bn	€ 0,59 bn
	Innovative Energy	€ 0,04 bn	€ 0,08 bn



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

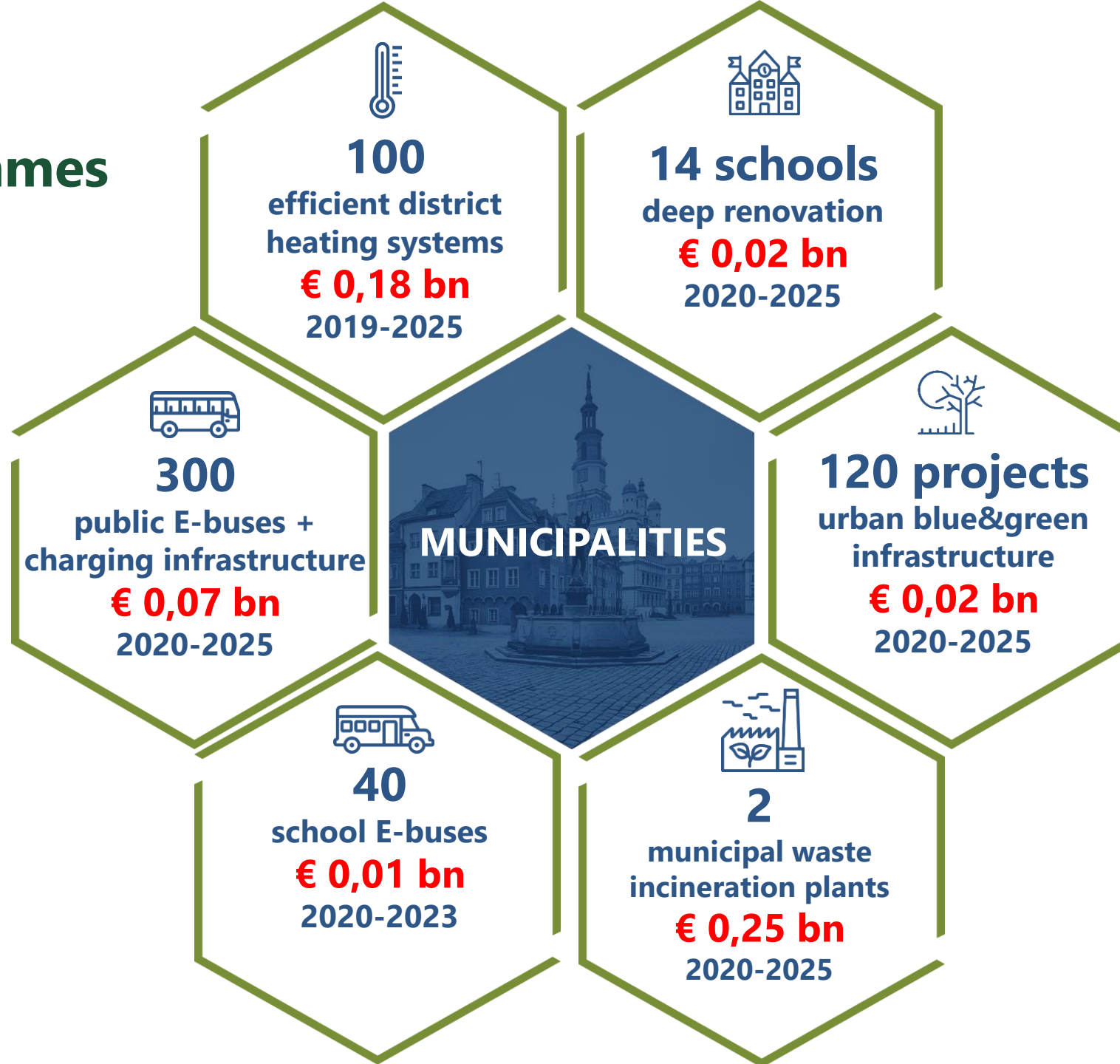


# Selected Programmes



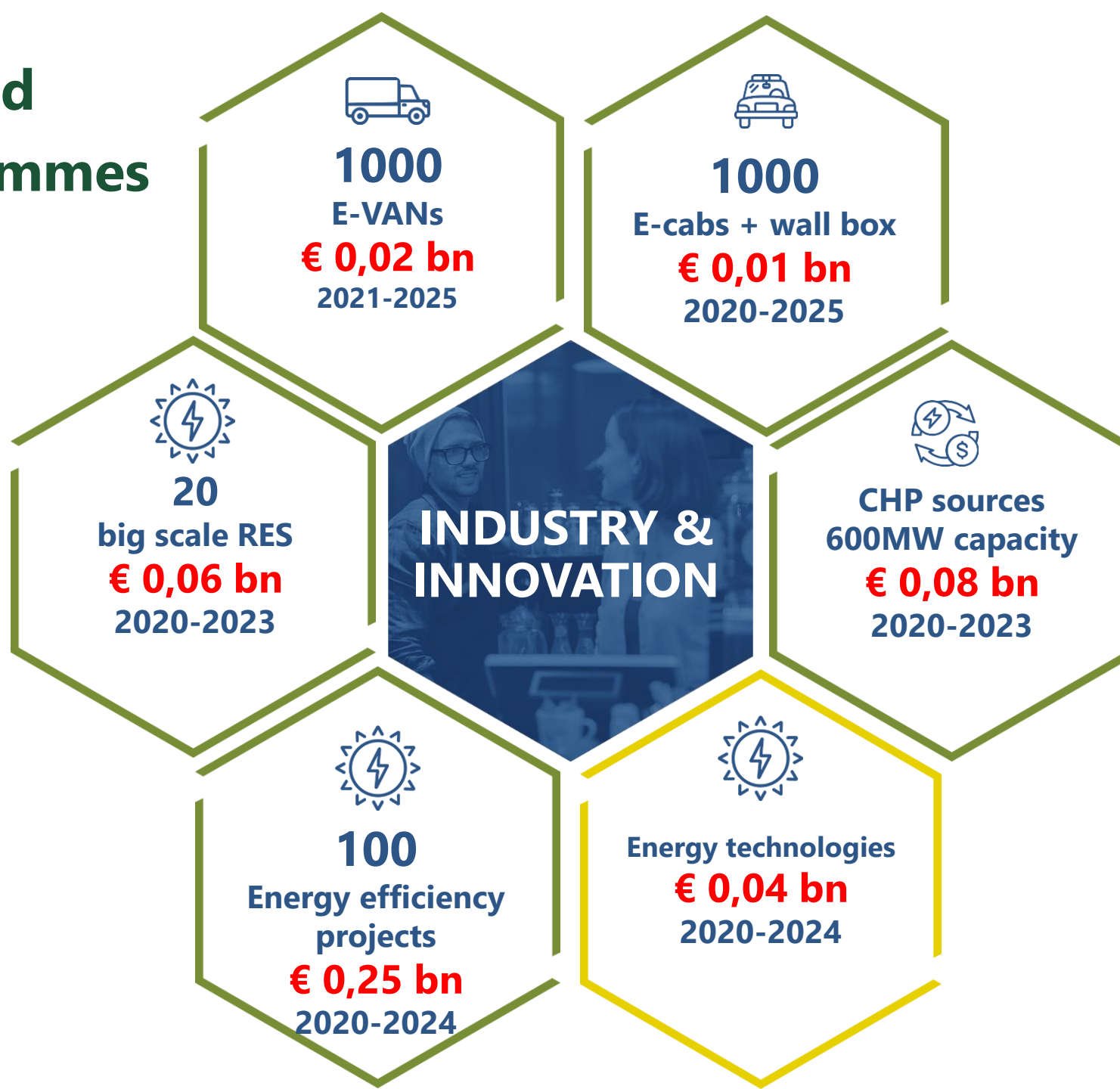


## Selected Programmes










# Selected Programmes






# 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 to 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
<b>CLEAN AIR</b>	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	<b>1472,093 mln EUR</b>
<b>Development of high-efficient industrial cogeneration</b>	10 new industrial cogeneration installations	Grant up to 80% (state aid) + loan up to 100%	Entrepreneurs		40 mln EUR	<b>51,163 mln EUR</b>
<b>Utilization of the energy potential of residual municipal waste</b>	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	<b>853,488 mln EUR</b>



## 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



186,047 mln  
EUR

**930,233  
mln EUR**

**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



46,512 mln EUR

**232,558  
mln EUR**

**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



104,651  
mln EUR

**232,558  
mln EUR**

**Energy PLUS**

100 modernized, more  
energy-efficient  
enterprises

Grant in the form of  
cancellation of up to 10%  
of loan up to 85%

Entrepreneurs







232,558 mln  
EUR

**274,419  
mln EUR**



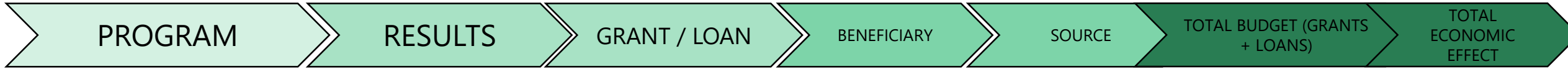
# Water for Poland






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 investmetns	Grant up to 85%	Local governments	 Iceland Liechtenstein Norway grants	23,023 mln EUR	<b>27,907 mln EUR</b>



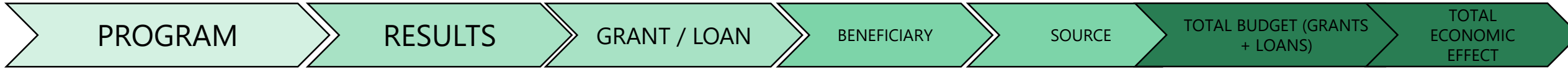
# Eco-Transport



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



**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

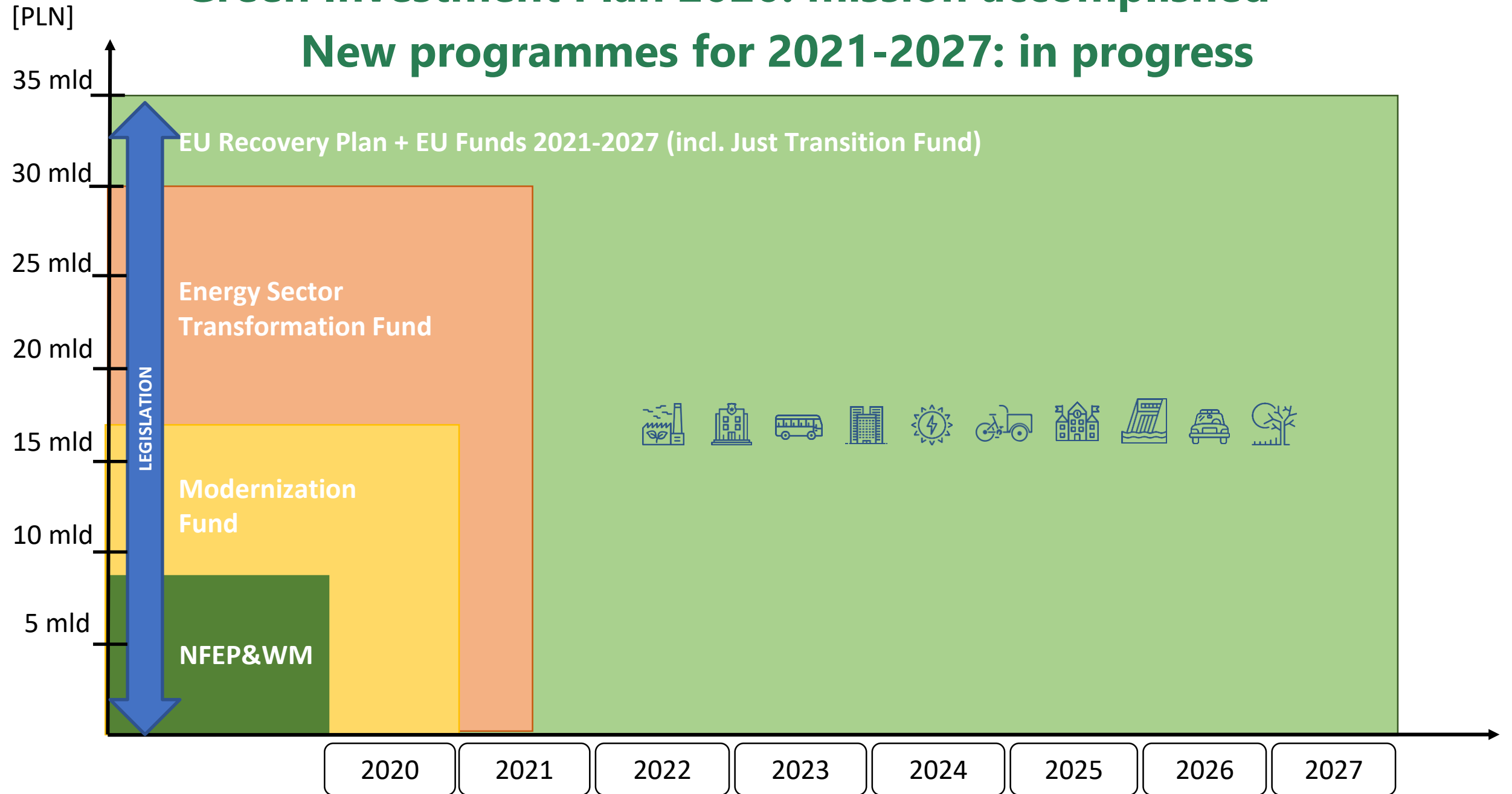


40,000 mln EUR

**79,070 mln EUR**

# Green Investment Plan 2020: mission accomplished

## New programmes for 2021-2027: in progress





# Thank you

MORE INFORMATION :



[www.nfosigw.gov.pl](http://www.nfosigw.gov.pl)



NFOŚiGW



Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej