

HELPING POLAND IMPROVE AIR QUALITY & ENERGY EFFICIENCY

1. The challenge

AIR QUALITY In need of urgent improvement



36 of 50 most polluted cities in the EU in Poland

46,000 premature annual deaths due to smog



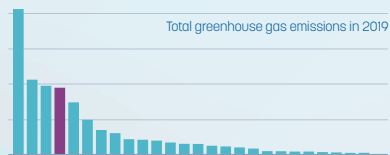
\$31–40 billion estimated annual economic loss



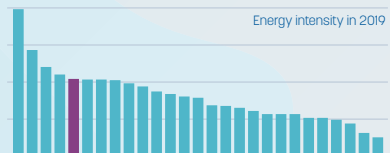
80% of fine particulate emissions due to residential heating

ENERGY EFFICIENCY On path towards decarbonization

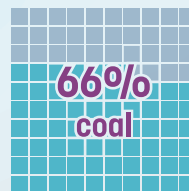
4th largest emitter of greenhouse gases in the EU



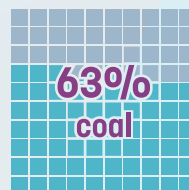
5th highest energy intensity in the EU



Heating



Power sector



2. The solution

CLEAN AIR PRIORITY PROGRAM
The government's flagship program to combat smog

The largest such program in the EU



\$26 billion over 10 years



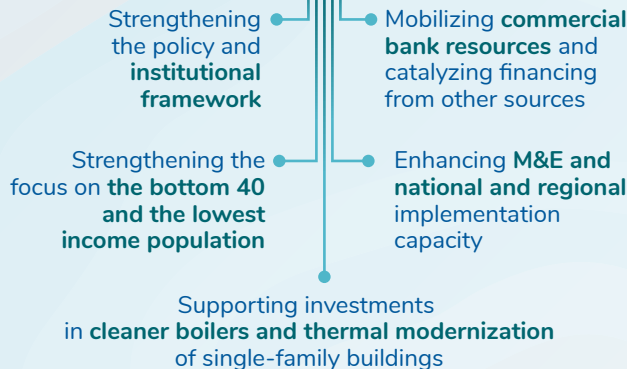
16 regional funds and over **2,000 municipalities** implementing the program

Subsidies and tax relief for thermal retrofitting and boiler replacement in **3 million** single-family buildings



WORLD BANK PROGRAM FOR RESULTS (PforR) to support the Clean Air Priority Program

€250 million loan for a 5-year period



3. The PforR Impact

PEOPLE



2.8 million citizens with cleaner, sustainable heating

SHARED PROSPERITY

60% of the beneficiaries coming from the lower-income population



ENERGY SAVINGS



1.13 trillion MJ (equivalent to one-third of annual energy consumption)

DECARBONIZATION

Reductions in GHG emissions by **63 million tons CO₂** (equal to 13.7 million fewer cars on the roads)



AIR POLLUTION



433,000 tons of PM₁₀ avoided (equivalent to one year of emissions)

PRIVATE CAPITAL MOBILIZATION

US\$1.5 billion in private financing mobilized to support investments

