

Quelles actions publiques pour baisser les concentrations de polluants dans l'air et respecter les nouvelles réglementations (voire les seuils de l'Organisation Mondiale de la Santé) ?

*Session magistrale*

## Actions to improve air quality in Poland

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Ministry of Climate and Environment  
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# Air quality monitoring system

Currently, Poland is divided into 46 zones:

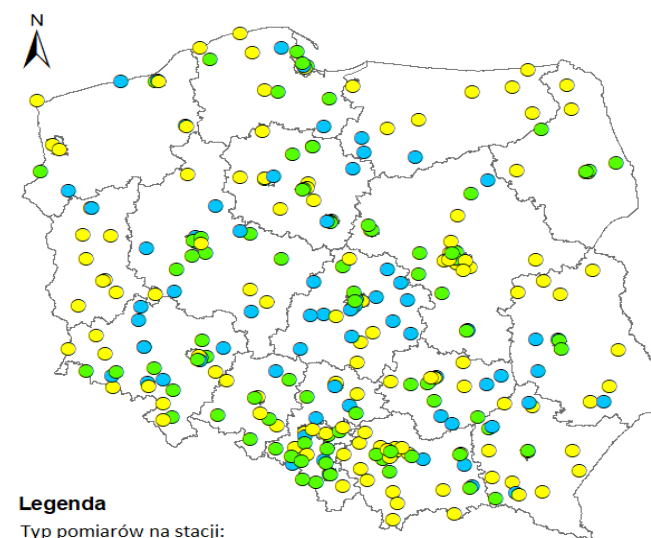
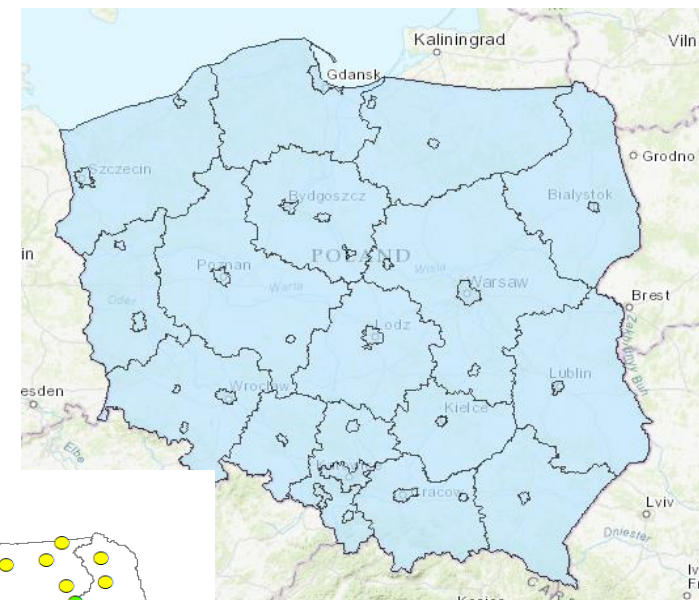
12 agglomerations,

18 cities,

16 voivodeships (excluding agglomerations and cities).

The National Environmental Monitoring System

288 measuring stations



**Legenda**

Typ pomiarów na stacji:

- automatyczno-manualny
- automatyczny
- manualny

0 20 40 80 120 160 km

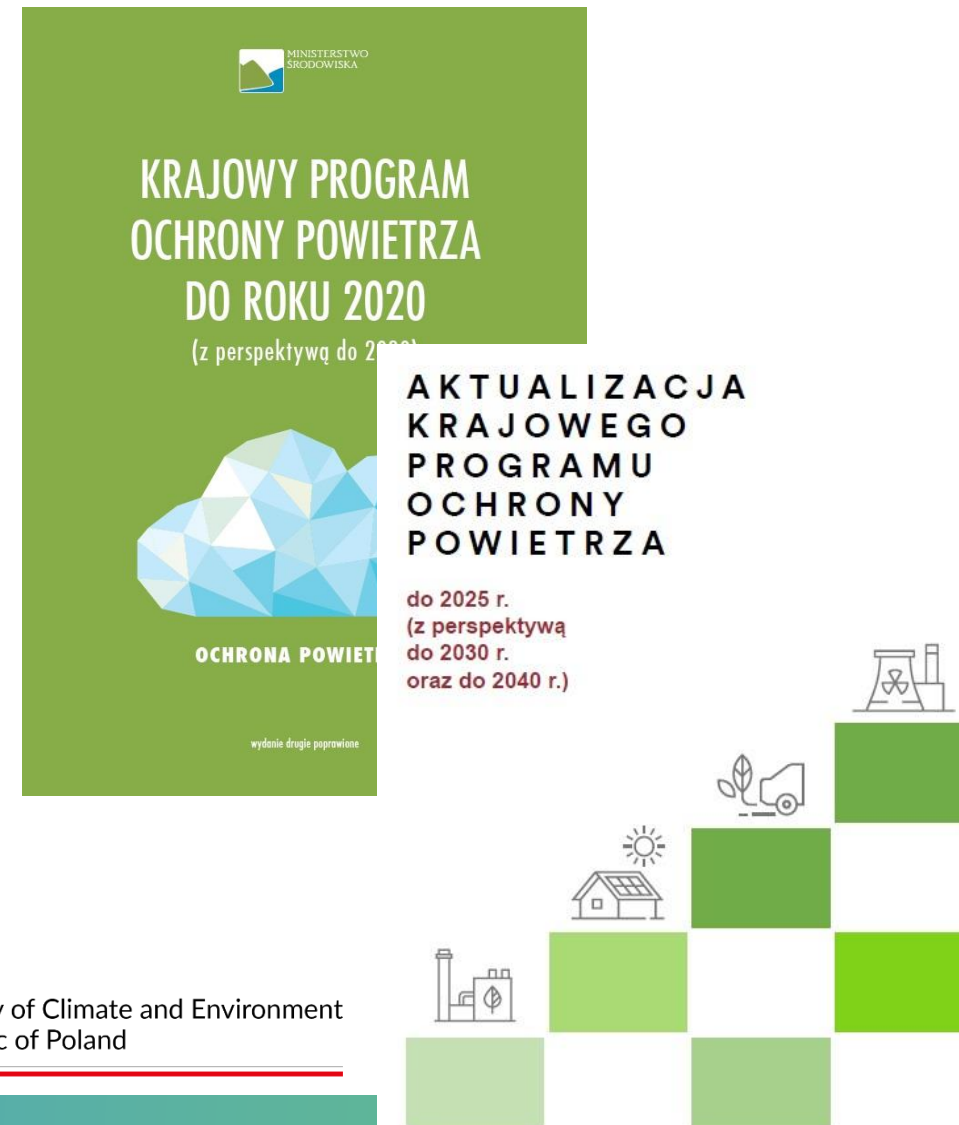
## Strategic document of the Minister of Climate and Environment

### „National Air Protection Program”

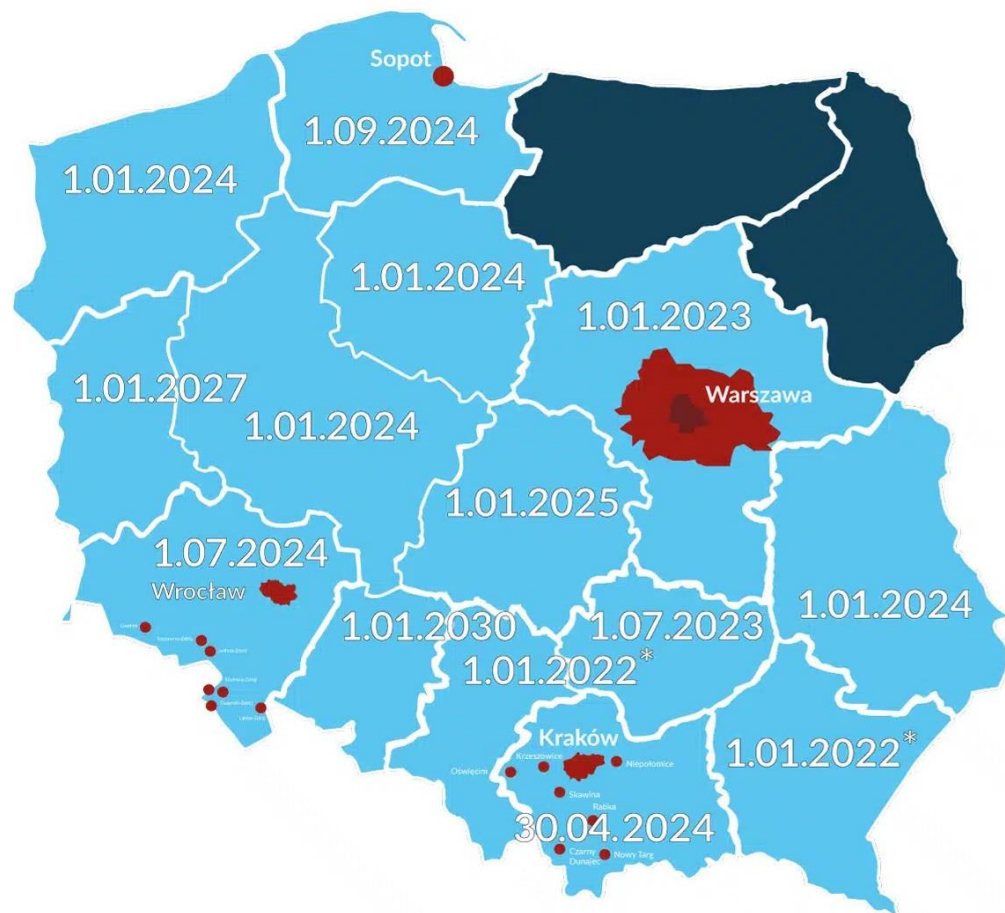
Announced by the Minister of the Environment in 2015, it defined the perspective of implementing the most important actions from the point of view of improving air quality by the end of 2020, and the continuation of selected directions of actions in the perspective of 2030.

### "Update of the National Air Protection Program until 2025 (with perspectives until 2030 and 2040)" 2021

It specifies corrective actions to be implemented in the short term until 2025, medium term until 2030 and long term until 2040, aimed at improving air quality but also at counteracting climate change at the national, provincial and municipal levels.



## Anti-smog resolutions



According to article 96 of the *Environmental Protection Law*, the Voivodeship Assembly may, by way of a resolution, in order to prevent a negative impact on human health or the environment, introduce restrictions or prohibitions on the operation of installations in which fuels are burned or for using solid fuel boilers.

By March 2022, 14 voivodeships had adopted anti-smog resolutions.



## Central Register of Buildings' Emissions



DLA OBYWATELA DLA PRZEDSIĘBIORCY DLA URZĘDNIKA STRONY GUNB KONTAKT Q



The Central Register of Buildings' Emission was created to inventory all buildings and to collect the data about them.

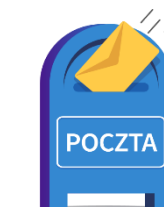
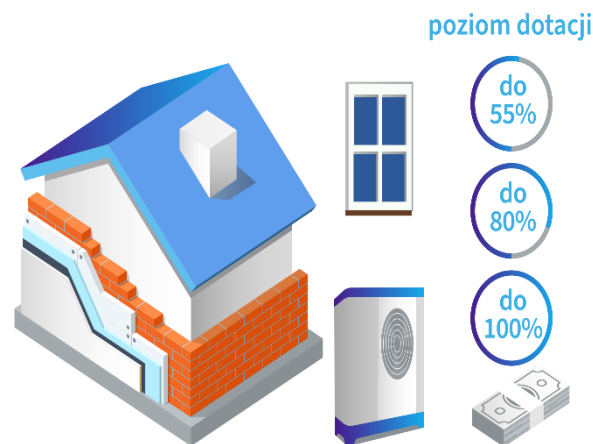
**Citizens:** You can check how to obtain funding, order a ventilation inspection or how to reduce heating costs.

**Municipalities:** „knowledge base” - which building has been modernized and which one requires replacement of heating, who is the owner.



# Clean Air Priority Program

National program for co-financing the comprehensive thermal modernization of buildings and the replacement of old and ineffective solid fuel heat sources with modern heat sources that meet the highest standards.



## The Clean Air Priority Program in numbers

**770 235 pcs.** Applications submitted

**655 631 pcs.** Signed contracts

Financing from contracts

**17 572 587 850 zł – over 4,05 mld Euro**

Funding paid

**8 810 504 560 zł – over 2,02 mld Euro**



## The others programs/mechanisms



**Subsidy programs supporting renewable heat sources**

**Thermal modernization relief**



**Subsidy programs for municipalities**





## Situation in Poland

### Proof of the effectiveness of the actions

Since 2018 (date of launch of the Clean Air Priority Program) the number of zones with exceedances of standards has decreased, especially for suspended dust PM10 and PM2.5.

The number of zones classified as class C (exceeding permissible pollutants) has decreased:

PM10 **39** in 2018 to **14** in 2022

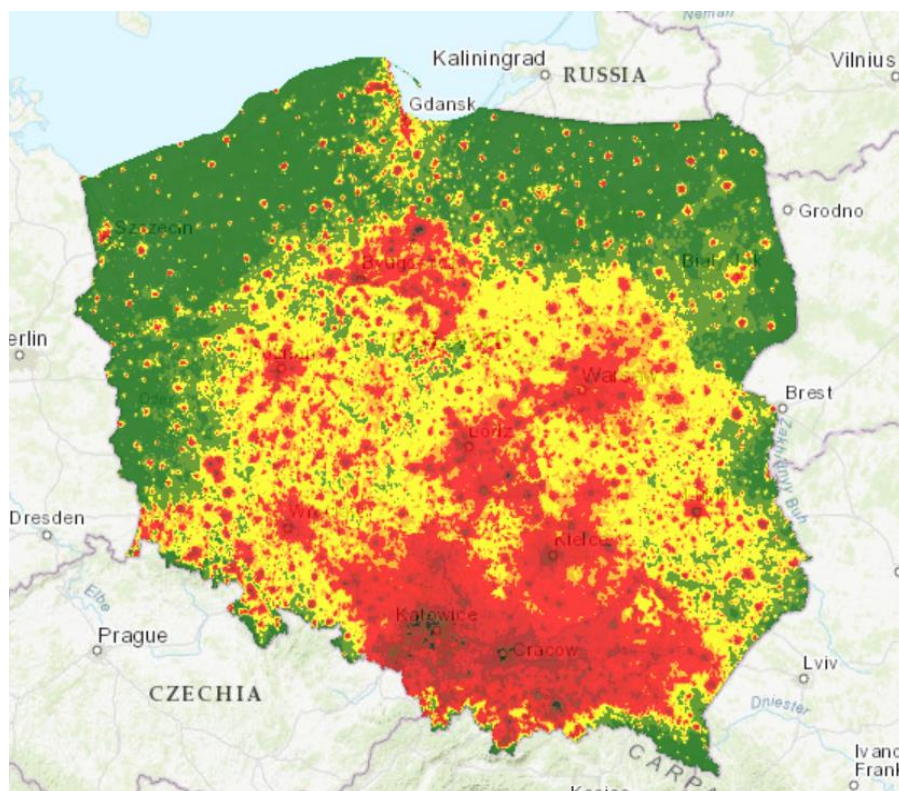
PM2.5 **14** in 2018 to **1** in 2022



## Situation in Poland

### Annual air quality assessment for 2015 and 2022 benzo(a)pyrene in PM10 ( $1 \text{ ng/m}^3$ )

2015



2022

