



**Implementation of the
Air Quality Plan for
Małopolska Region –
Małopolska in a healthy
atmosphere**

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LIFE14 IPE/PL/021

Air quality in Małopolska Region

- The Małopolska Region has some of **the poorest air quality** in the EU.
- **98% of residents** live in areas where WHO standards for PM2.5 and benzo(a)pyrene are exceeded.
- The main cause of air pollution is emission from inefficient **old boilers** that use **solid fuels** – mostly coal.
- In Malopolska about **500,000** solid fuel boilers are used.



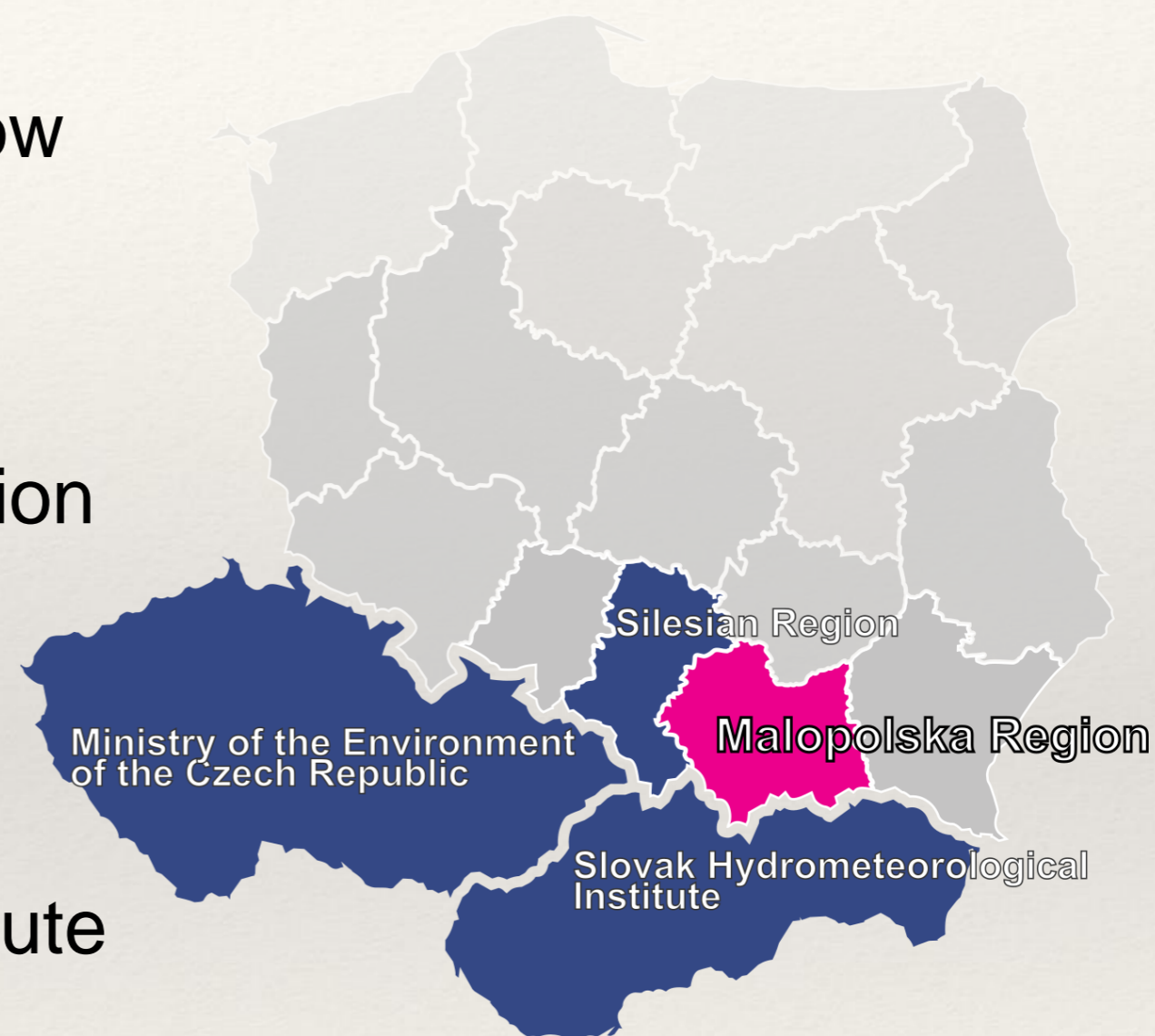
LIFE Integrated Project

- The main objective is to accelerate the implementation of our “**Air Quality Plan for the Małopolska Region**” and to improve air quality.
- Change of behavior and **rise awareness** of residents, strengthen **cooperation** with stakeholders.
- Budget: **€16.8M**
Additional actions: **€800M**
- Duration: **Oct 2015 – Dec 2023**



62 partners of the project

- **Małopolska Region** (coordinator)
- **55 municipalities** including Krakow
- Silesian Region
- **Krakow Smog Alert** (NGO)
- Polish National Energy Conservation Agency
- Ministry of the Environment of the **Czech Republic**
- **Slovak** Hydrometeorological Institute
- VITO Institute from Belgium



Anti-smog regulations

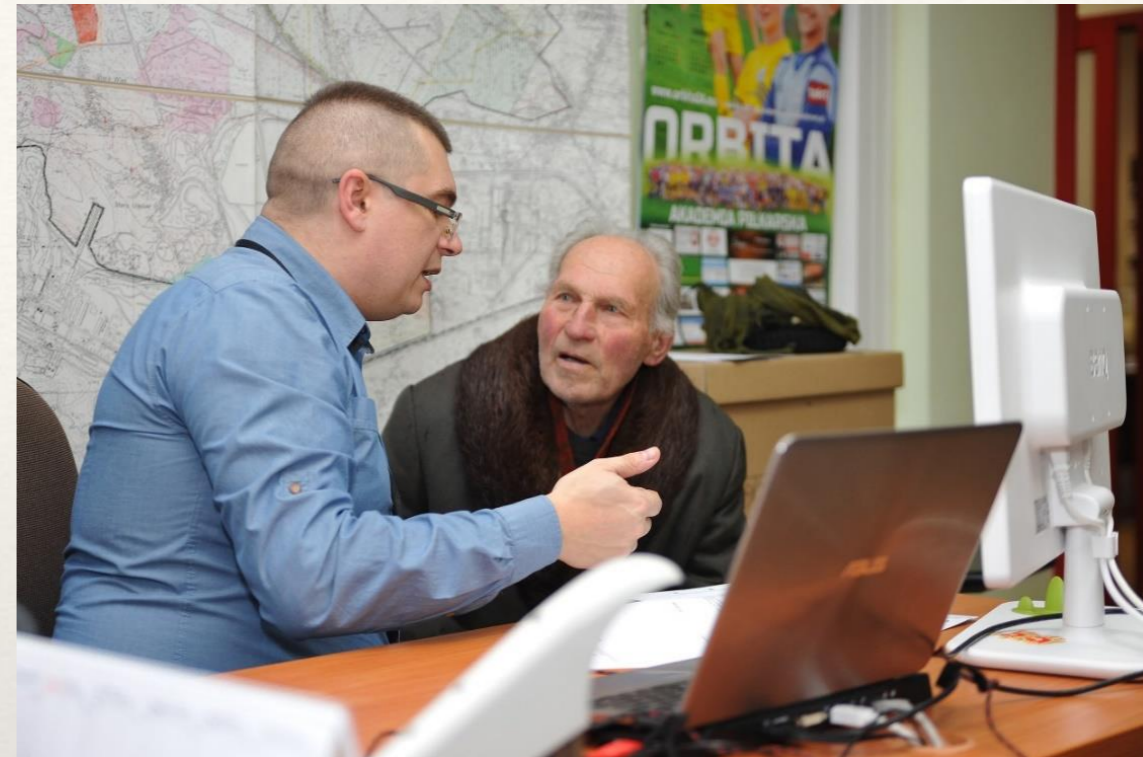
- A **solid fuel ban** in Krakow - effective from **1 September 2019**.
- **Ecodesign standards** for all boilers, stoves and fireplaces for the whole region - effective from **1 June 2017** (new devices) and from **2023** (existing).
- **Similar regulations** were already adopted in **6 other regions** in Poland and 3 regions are working on it.



Ecomanagers

First **17 months** of **60 Ecomanagers**:

- Help and advice for **230,000 residents** (in the office, site visits).
- Organization of **1,900 meetings** with a total of **29,000 participants**.



Ecomanagers

- A total of **480 lectures** and educational contests in schools involving **23,000 children**.



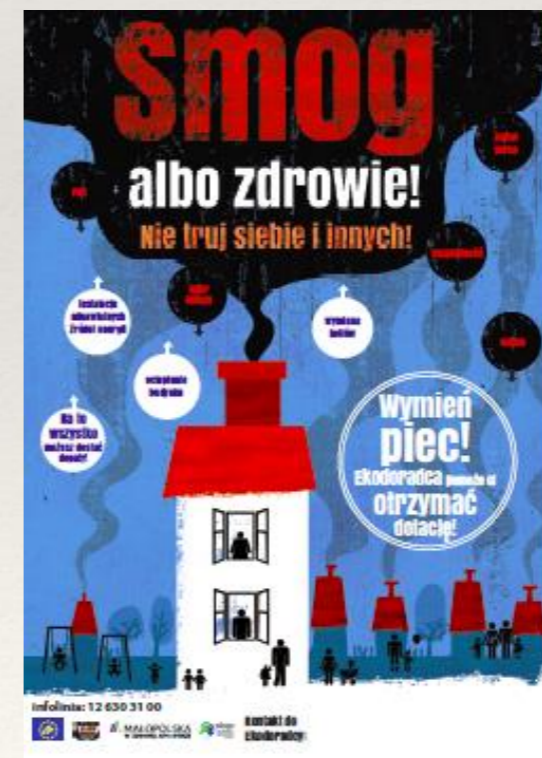
Ecomanagers

- Thermal imaging surveys for **1,800 private and public buildings.**
- **1,855 inspections** to prevent waste burning.
- Applications prepared for co-financing of the replacement of solid fuel boilers, thermal retrofit of buildings or installation of renewable energy sources for the total **€90M.**



Education and cooperation

- Widely discussed and powerful regional campaign to **increase awareness** that smoke causes diseases and death.
- Cooperation with local groups (grants for **educational campaigns**) and NGOs in Poland and CEE.
- **Exchange of experiences** with other regions in Poland and CEE.



Benefits of the LIFE IP

- About **100 green jobs** created - employees working on implementation of Air Quality Plan.
- **Capacity building** in municipalities, increase of knowledge, exchange of experiences at local, regional and international level.
- The increase of **public awareness** about the need to improve air quality.
- Support for **additional actions**: replacing coal boilers, thermal renovation of buildings and sustainable urban transport.

Thank you!



LIFE-IP MALOPOLSKA



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