

Global pollution



Co-funded by
the European Union



The three major types of pollution:

air pollution

water pollution

land pollution

Air pollution:

It is the main cause for global environmental risks. International Labour Organisation defines them as air pollution caused by substances, that are harmful to health; or dangerous for other reasons, regardless of their physical form



Water pollution

Water pollution occurs when its physico-chemical composition is impaired. They can be caused by many different factors, e.g. the presence of physical fragments, or run-off from a nearby factory.



Land pollution

Land pollution is when chemicals are present in quantities exceeding the usual content and alter the properties of the soil which prevent normal use of it.



How to prevent air pollution:

- Installation of efficient chimney filters;
- Introduction of new clean industrial technologies;
- Changing existing technologies and increasing the encapsulation of production;
- Investments in environmentally friendly means of transport and conversion of existing ones.



How to prevent water pollution:

- Construction of new wastewater treatment plants and modernisation of old wastewater treatment plants;
- Use of waterproof or closed water cycle technologies;
- Limiting the introduction of pollutants into these waters;
- Rational water management.



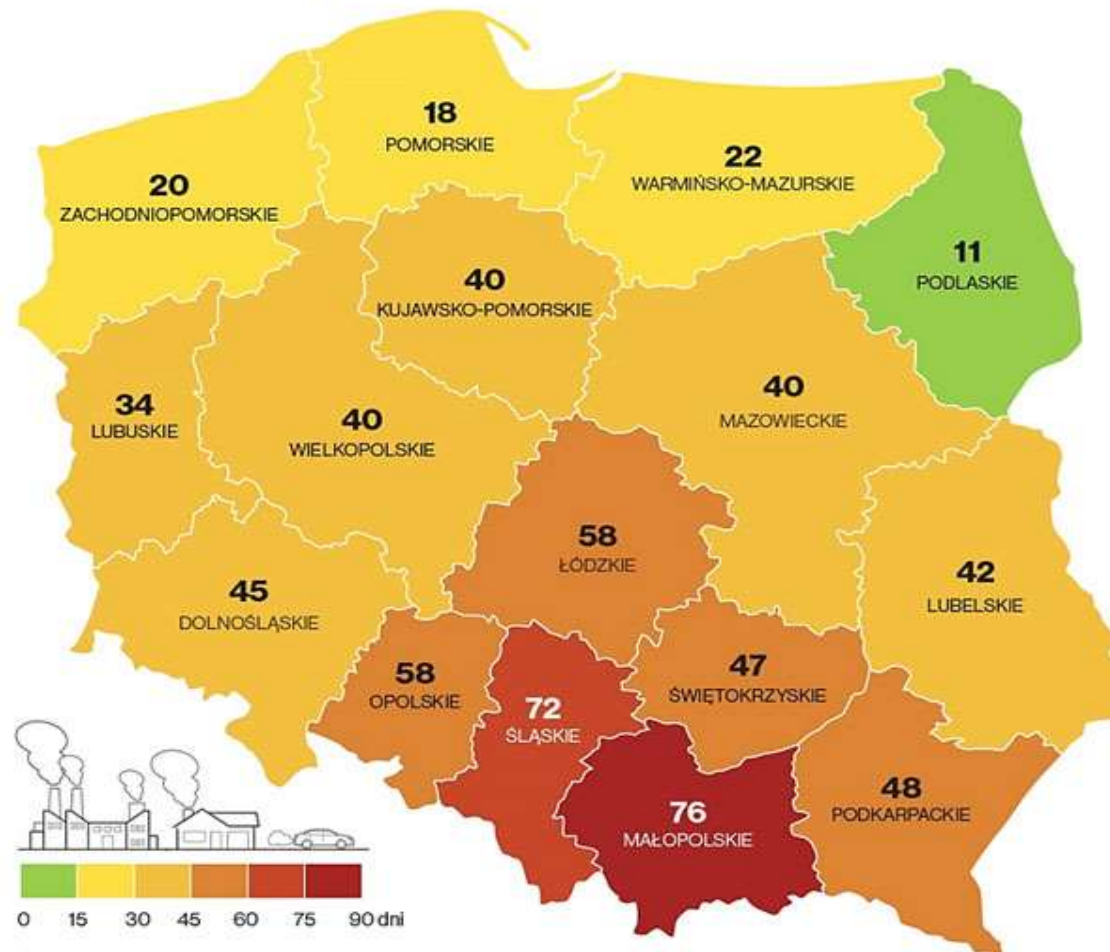
How to prevent land pollution:

- Limiting the regulation of rivers, causing groundwater to sink;
- Correct agricultural treatments;
- Appropriate crop rotations;
- Proper distribution of agricultural and forestry land;
- Calcification of acidified soils.



Level of pollution in Poland

Zróznicowanie jakości powietrza w skali kraju w 2017 r.
z uwagi na liczbę dni z przekroczeniami stężeń dobowych PM₁₀



Średnia liczba dni obliczona z uwzględnieniem
wszystkich stacji pomiarowych w danym województwie

Źródło: Opracowanie własne NIK na podstawie danych Głównego Inspektoratu Ochrony Środowiska

What can we do:

- save paper
- use returnable bottles
- avoid plastic
- waste segregation



A green rectangular road sign with rounded corners and a white border, mounted on a wooden post. The sign features the text "The End" in a white, sans-serif font. The background is a bright blue sky with scattered white clouds. The sign is tilted slightly to the right.

The End