

AN INTEGRATED APPROACH TO AIR POLLUTION



WHAT WE DO

AWAIR wants to find new ways for managing Severe Air Pollution Events in EU Functional Urban Areas, working with cities and environmental agencies to improve measurements and forecasting. Communication to citizens and vulnerable people is also an essential part of the project.



TAKING
COOPERATION
FORWARD

WHO WE ARE

Partners from four central European countries join their forces to improve environmental management in urban areas.

Germany

- Helmholtz Zentrum München - Deutsches Forschungszentrum für Umwelt und Gesundheit

Hungary

- Budapest Főváros XIV. Kerület Zugló Önkormányzata

Italy

- ARPAE Agenzia Regionale per la prevenzione, l'ambiente e l'energia dell'Emilia-Romagna
- CINSA Consorzio Interuniversitario Nazionale per le Scienze Ambientali
- Comune di Parma

Poland

- Urząd Miasta Katowice
- Główny Instytut Górnictwa

AWAIR involves four associated partners, collaborating in the different regions to reach vulnerable people:

Associazione per l'aiuto ai giovani diabetici (Italy)
Azienda Unità Sanitaria Locale di Parma (Italy)
Śląski Uniwersytet Medyczny w Katowicach (Poland)
Centro Etica Ambientale - Parma e Reggio Emilia (Italy).

Who funds us

Our project is funded by the Interreg CENTRAL EUROPE Programme that encourages cooperation on shared challenges in central Europe.

With 246 million Euro of funding from the European Regional Development Fund, the programme supports institutions to work together beyond borders to improve cities and regions in Austria, Croatia, Czech Republic, Germany, Hungary, Italy, Poland, Slovakia and Slovenia.



DISCOVER MORE ABOUT
AWAIR

www.interreg-central.eu/awair.html

Contact Us

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HelmholtzZentrum münchen
German Research Center for Environmental Health





Environmental integrated, multilevel knowledge and approaches to counteract critical AIR pollution events, improving vulnerable citizens quality of life in Central Europe Functional Urban Areas

www.interreg-central.eu/awair.html

FACTS AND FIGURES

 **7** Project partners

 **10** outputs planned until September 2020

 **183.000** investment in Pilot Actions

Outputs

Cities generate air pollution, but the ill-effects extend beyond urban cores to surrounding areas. The partners in AWAIR work to define common transnational regulations and approaches for addressing air quality in larger areas impacted by a city's pollution.

The project also introduces innovative approaches to monitor and prevent air pollution.

The whole project is inspired by a participative approach with stakeholders involvement. AWAIR organises ad hoc stakeholder plans to deeply identify, address and reach each category in a customized way ensuring knowledge transfer at wider level: other FUAs, cities in Europe, local administrators, representatives from vulnerable groups and citizens. Pervasive, wide-ranging communication is structured to guarantee AWAIR maximum visibility and information on opportunities in FUA-cities but also for citizens in other cities.

STRATEGIES AND ACTION PLANS

The project will improve the status of integrated environmental capacities in Functional Urban Areas by

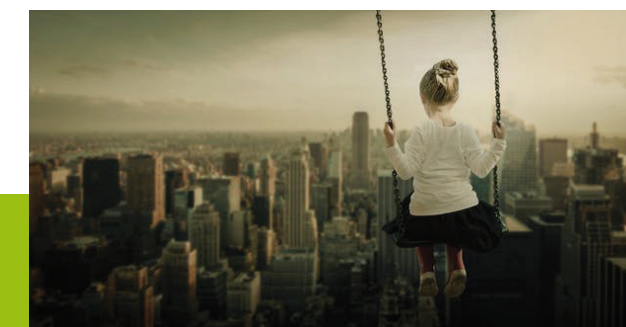
- (i) increasing the extent of knowledge of the public sector about air pollution
- (ii) supplying tools and action plans to enhance local know-how
- (iii) creating a legal and institutional environment where new management policies can be developed and coordinated at the FUA level
- (iv) creating a network between administrators, scientists, stakeholders, citizens and most vulnerable groups that favour communication about urban quality and its effects on human health and well-being
- (v) promoting new performance indicators for implemented actions that allow greater efficiency in local policies.



TRAINING

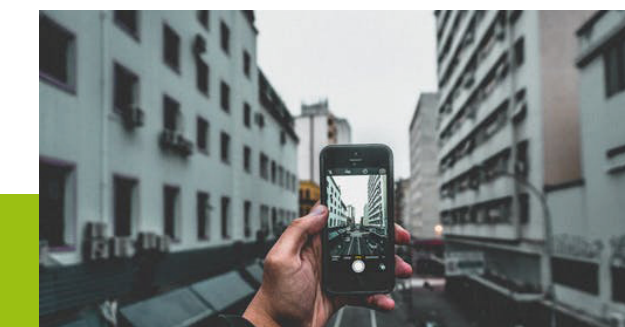
The project aims at increasing local knowledge about pollution causes and effects and at improving the ability of local public authorities

- (i) to manage Severe Air Pollution Events
 - (ii) to put in place mitigation actions to reduce emissions of atmospheric pollutants and adaptation actions to lower population exposure
 - (iii) to measure the effectiveness of the implemented policies and actions.
- Training for communication managers provides guidance for making best use of dissemination channels to communicate the right information to the right audience at the right time.



TOOLS

The AWAIR project is developing an app for smartphones. It will alert citizens and promote the adoption of different lifestyles to mitigate or adapt in case of Severe Air Pollution Events. The suggestions will include specifically targeted information for vulnerable people. A second tool will be a Decision Support System for stakeholders and municipalities, to assist in the decision making process in case of Severe Air Pollution Events.



PILOT ACTIONS

Three pilot actions are taking place in Parma (Italy), Katowice (Poland) and Budapest-Zuglò (Hungary). The aim is to implement the strategies and tools developed in the project in interacting with citizens and the Functional Urban Areas. They involve questionnaires, meetings with stakeholders, involvement of schoolchildren and families, but also new improved measurements and communication procedures.

