

OUTPUT FACT SHEET

Tools for population

Version 2

Project index number and acronym	CE 1226 AWAIR
Output number and title	O.T2.3 - Tools for population/stakeholders alert in case of SAPES
Responsible partner (PP name and number)	PP05 UMK, Katowice City Hall
Project website	https://www.interreg-central.eu/Content.Node/AWAIR/AWAIR.html
Delivery date	02.2021

Summary description of the key features of the tool (developed and/or implemented) and of its transnational added value

In Poland, air quality monitoring systems are based on regional environmental monitoring programs. These programs developed by the Regional Departments of Environmental Monitoring (RWMŚ) define the air quality monitoring system in a given region. This system is mainly based on networks of measuring stations located as needed in key points of the region. The GIOŚ decides on the location of measuring stations and their measurement program. In the metropolitan area of Katowice, there are a total of 6 measuring stations of GIOŚ. The current method of presenting the Index was based on determining the Index of the general air condition based on the worst individual index among pollutants measured at a given measuring station. The data is available through a dedicated website and on the website powietrze.katowice.eu in the air quality forecast tab, as well as on monitors installed in public buildings. The data from the forecasting system is also used in the AWAIR APP which can be installed on the private mobile phones, and every user can check the air quality in their city. The application allows to choose current area and check the air quality on the current and following day. The air quality index and levels of pollution are the same as the levels presented by national air quality monitoring system.

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

PL22 Silesia Region

Expected impact and benefits of the tool for the concerned territories and target groups

The air quality forecasting system is available to every resident of the region. Placing information on the air quality forecast and information on the current state of air quality on information screens in public buildings and on the website of the air quality monitoring system for the city of Katowice contributes to reaching a larger number of people, especially vulnerable groups. Information about the forecast and the possibility of smog can support the planning of outdoor activities.

The expected change is better understanding about the air quality and changing behaviour during SAPE's, better tools for residents and way of informing about the air quality. The vulnerable groups will be the biggest beneficiary of the forecasting system and APP because it will help them to better plan activities during winter season and avoid risk of exposure on bad air quality.

Sustainability of the tool and its transferability to other territories and stakeholders

Due to the fact that the air quality forecast system is available for the entire region, each resident can check the current air quality and the forecast for the following days via the website. Based on the air quality monitoring system for the city of Katowice and the information system based on screens with presentations, it is possible to use data from the GIOŚ forecasting system to create dedicated presentations with information on the state of air quality.

The AWAIR-APP which is using the data from the forecasting system in Poland can be used freely in the Silesia Region without any modifications because the number of air quality monitoring stations covers the whole area which includes Katowice FUA, and other FUA's in the region.

The APP will be also promoted and advertised by the Katowice City Hall, and other institutions.

The other regions in Poland can provide similar tools basing on the project experience and with the use of existing schemes and app.

References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

Most related deliverables are:

deliverables 2.2.3-5 (pilot action) <https://www.interreg-central.eu/Content.Node/AWAIR/O.T2.1-UMK-final.pdf>
deliverables 2.2.4, (Forecasting System), <https://www.interreg-central.eu/Content.Node/AWAIR/O.T2.3-UMK-forecasting-Final.pdf>

Further relevant deliverables:

deliverable 2.2.5 (Decision Support System), <https://www.interreg-central.eu/Content.Node/AWAIR/O.T.2.4-DSS-UMK-Final.pdf>

2.2.6 assessment of effectiveness for M&A <https://www.interreg-central.eu/Content.Node/AWAIR/KATOWICE-operational-plans.pdf>

2.2.8 (joint pilot action in schools),

3.1.2, 3.1.3 trainings for stakeholders. <https://www.interreg-central.eu/Content.Node/AWAIR/Output-factsheet-OT3.3-Stakeh-UMK-final.pdf>

<https://www.interreg-central.eu/Content.Node/AWAIR/Output-factsheet-OT3.3-Admin-UMK-final.pdf> Forecasting system: <http://powietrze.gios.gov.pl/pjp/current>

AWAIR APP: <https://play.google.com/store/apps/details?id=com.esceon.customer.helmholtz.awair&gl=IT>