

# COMPAIR BENEFITS

**Multi-stakeholder collaboration** across the entire urban value chain

**High-quality citizen science data** ready for use in policy making

**Increased environmental awareness** leading to behavioural change

**More empowered and resilient communities**

**Air pollution in European cities reduced** to levels that are considered safe for all

# TEAM

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**WECOMPAIR.EU**

# COMPAIR

COMMUNITY  
OBSERVATION  
MEASUREMENT &  
PARTICIPATION IN  
**AIR SCIENCE**



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# TOGETHER FOR BETTER AIR

## MEET COMPAIR

Air pollution is the largest environmental health risk in Europe. COMPAIR uses citizen science, IoT sensors, digital tools and behavioural change to help cities and regions improve urban air quality and achieve EU Green Deal objectives.

People with no science background or technical skills can join COMPAIR to

- Participate in measurement campaigns
- Understand what the results means for them and their community
- Work with others to drive the necessary personal and policy change for a more sustainable future

COMPAIR citizen science labs are running in Athens, Berlin, Flanders, Sofia, and Plovdiv.

## WHAT WE DO

### CITIZEN SCIENCE



We organise citizen-led data collection activities focused on urban issues and policy initiatives that really matter to local communities

### DATA CAPTURE



We use 5 different sensors to collect hyperlocal data on traffic and air pollutants (particulate matter, nitrogen dioxide, black carbon)

### CALIBRATION

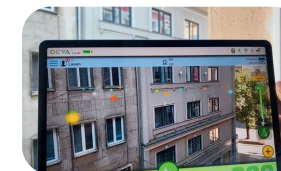
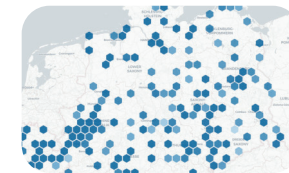


We apply cloud-calibration techniques to improve quality of the data collected by citizen science sensors and make it ready for use in policy making

## OUR APPS

### Policy Monitoring Dashboard

Analyses the impact of policies on traffic and air quality

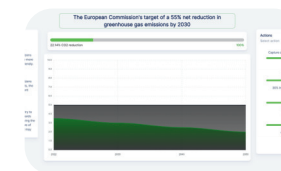
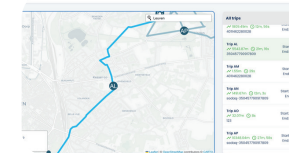


### Dynamic Exposure Visualisation App

Uses AR to visualise air pollution in one's immediate vicinity

### Dynamic Exposure Visualisation Dashboard

Shows pollution level recorded during a trip



### CO2 Calculator & Simulator

Measures and simulates how to improve CO2 footprint