

CitiMeasure

Using citizen measurements to create
smart, sustainable and inclusive cities

INSTRUCTIONS ON
HOW TO USE CITIAIR

What is CitiAIR?

CitiAIR is an online inventory of initiatives from all over Europe that empowers individuals to monitor air pollution in their neighbourhood.

The main objective of this online tool is to collect **technical and descriptive** information about cities and citizen science organisations using low-cost sensors and other devices to measure air quality with communities.

A large, semi-circular graphic on the right side of the slide. It features a blue-tinted, hazy image of a city skyline with various skyscrapers. Overlaid on this image is the text "ACCESS THE TOOL HERE" in a white, uppercase, sans-serif font.

ACCESS THE
TOOL HERE

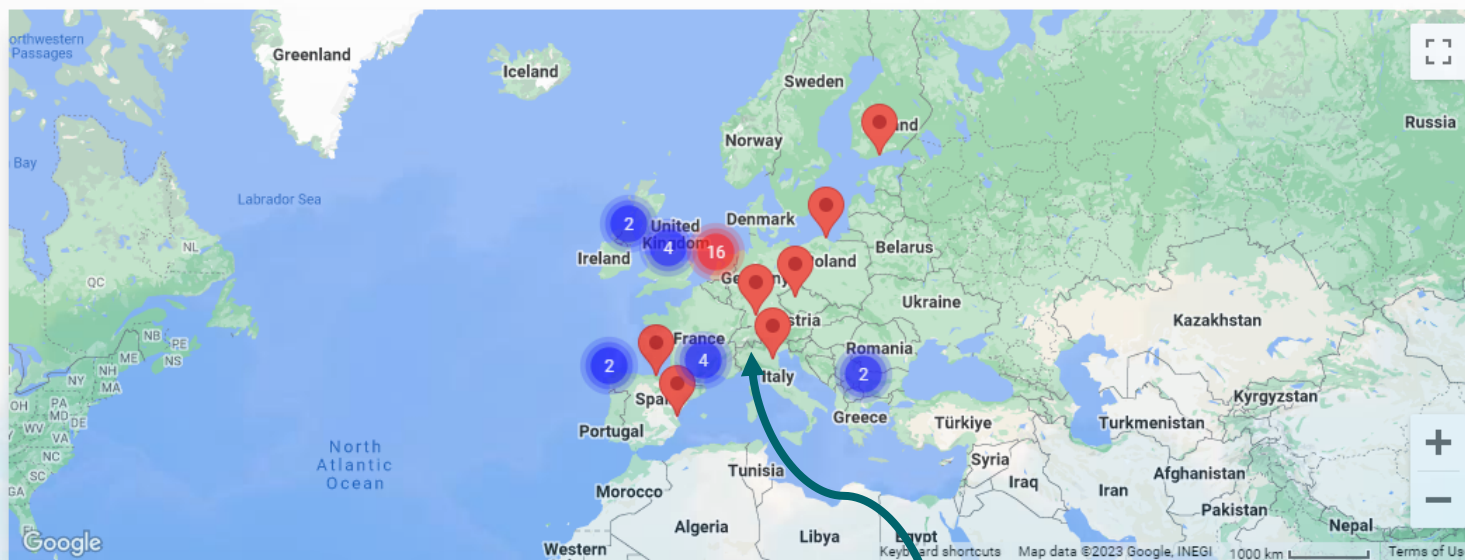
1

How to Use the Tool

Navigation Bar (Option 2)

Navigation Bar (Option 2) components:

- Search bar: Type to search
- Types of organisation: [Dropdown]
- Status: [Dropdown]
- Countries: [Dropdown]
- Parameter filters:
 - All parameters
 - Black Carbon (2)
 - CO2 (7)
 - Humidity (20)
 - NO (1)
 - NO2 (11)
 - Noise (5)
 - O3 (5)
 - Other (9)
 - PM1 (14)
 - PM10 (24)
 - PM2.5 (27)
 - Temperature (21)
 - UFPs (Ultrafine particles) (1)
 - VOC (6)



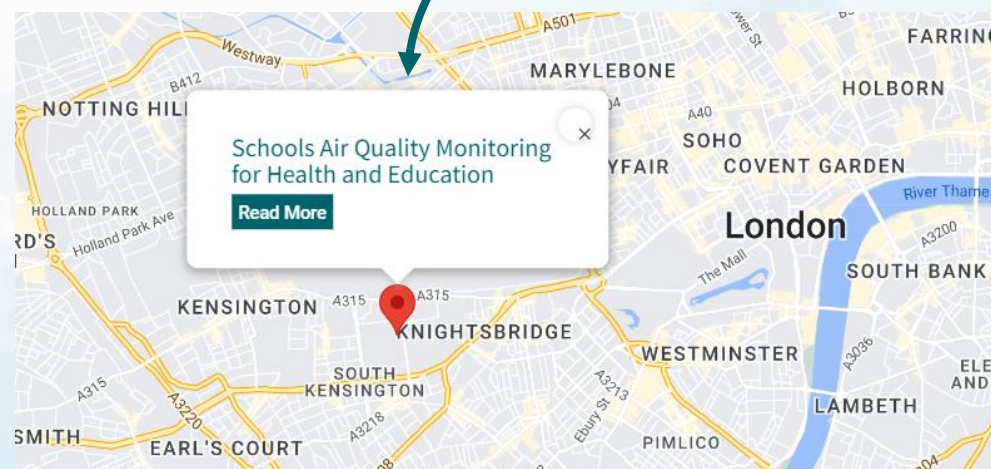
Map (Option 1)

Option 1: Use the Map

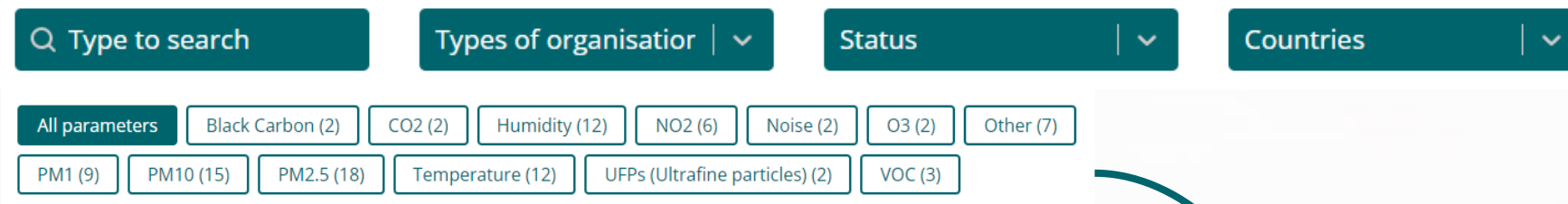
Users can directly access the map and explore different initiatives. These are represented using a **location identifier**.

If numerous initiatives exist in a region, they are **clustered**. This way, users can identify particularly active regions right away.

Once they click on the blue circle, the map zooms in on the respective initiatives. Users can then select the initiative they are interested in.



Option 2: Use the Navigation Bar



Users can filter initiatives by choosing categories from the drop-down menu where they can sort initiatives by:

- Organisation type
 - City
 - University and/or research institute
 - Private sector
 - Non-governmental organisation
 - Other government administration
 - Other
- Status
 - Ongoing
 - Inactive/ended
- Country [Europe]

Below the navigation bar, different types of pollutant parameters and (thermal) comfort indicators are displayed. Once clicked upon, initiatives measuring the chosen pollutant are shown.

Search Box

🔍 Type to search



🔍 commuting ✕

<p>Air-Break – Co-producing healthy clean commuting air spots in town</p> <p>Location: Ferrara, Italy</p> <p>Description: Air-Break set the ambitious goal of reducing air-pollution by 25% in the most critical areas of the city. The project will tackle air-quality issues through a set of integrated actions along four core strategic fields: Nature-Based Solutions, with the plantation of phyto-absorbing species; Infrastructural upgrades for sustainable mobility. Technological equipment, with the deployment of air-quality monitoring stations, as well as of innovative digital services and gamification applications, towards the incentivisation of environmentally friendly behaviours; Awareness-raising and stakeholders' engagement</p> <p>List of parameters measured: PM2.5, PM10, NO2, Temperature, Humidity, CO2, VOC, O3, PM1</p> <p>Read more</p> <p>October 24, 2022</p>	<p>Limp.ar</p> <p>Location: Guimarães, Portugal</p> <p>Description: The Limp.AR project aimed to respond to the need to promote the improvement of air quality and noise in urban centers, seeking to encourage the integration of vegetation in the urban environment and raise awareness of the importance of reducing commuting. The project integrates education, training and awareness actions for citizens, participatory co-creation actions, interventions in urban spaces and actions to assess air quality and noise in different contexts.</p> <p>List of parameters measured: Noise, CO2, PM2.5, PM10, Other</p> <p>Read more</p> <p>February 24, 2023</p>
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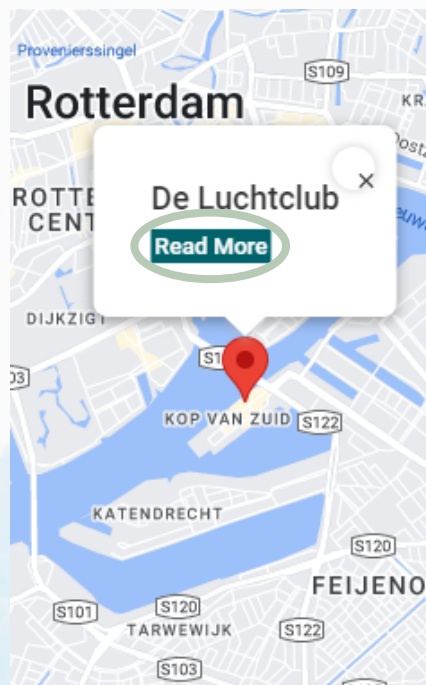
Users are invited to use the search box to look for key information among the CitiAIR initiatives. This allows visitors to find what they need faster. In the example here, all projects tackling the issue of clean commuting are displayed.

Read More

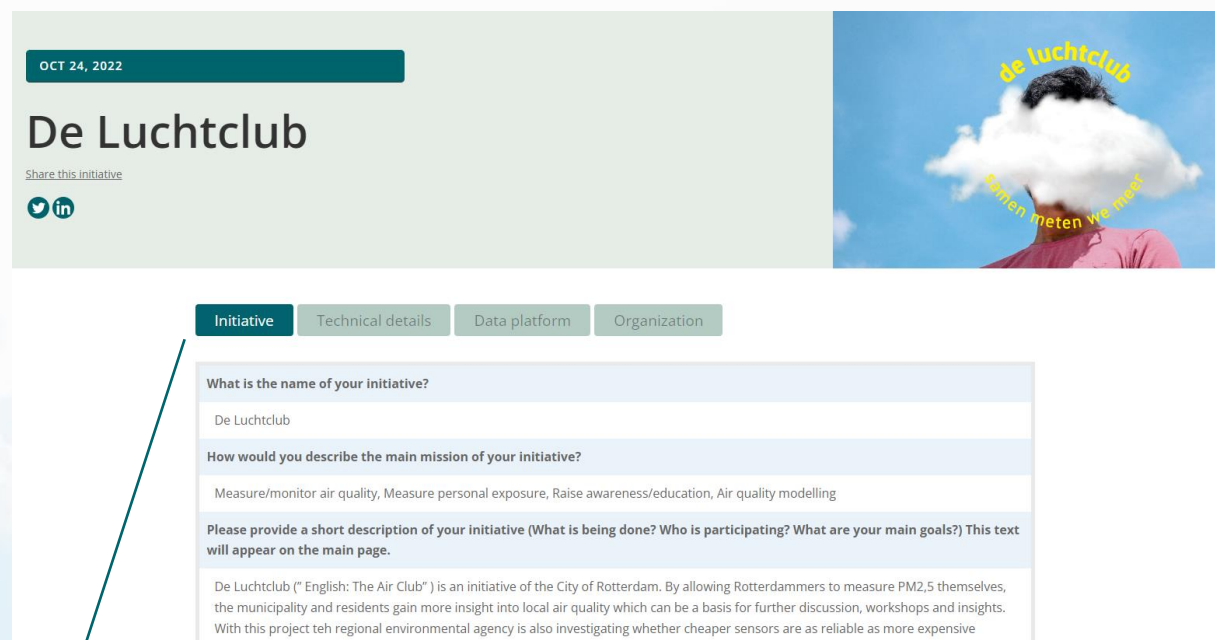
View using navigation bar



View using map



The “Read More” button directs users to a separate page where users can find out more about the respective initiative. The information displayed here is based on the questionnaire the initiatives submitted online.



Users can switch between four different tabs.

2

How to Add New Initiatives

Share Your Story

SHARE YOUR STORY

Is your municipality, organization, or company involved in participatory air quality monitoring initiatives? Then we would love to hear from you and to have your story on the map! Please take 20 minutes to fill out the survey to help interested cities and organizations across Europe find you, learn from you, and set up their own project.

[I WANT TO SHARE MY STORY →](#)



Adding a new initiative can take up to 30 minutes.

In the 'Share Your Story' section of the website, organisations are invited to submit their initiatives. Once users click on the 'I want to share my story' button, they are redirected to a new page asking them to fill in the details of their initiative. The questionnaire seeks information about key characteristics of the project, technical details, data use, and contact details.



Fill in information about your organisation. Please include a real address so the map can find you!



Add information about your citizen science initiative on air quality. Please share your best estimates with the community!



Add technical details about the equipment used in your initiative. If there are multiple devices, please repeat this step as often as necessary.



Fill in information about your data platform and lessons learnt. Think about what you want to share.



Fill-in time: 30 minutes

Visit <https://citimeasure.eu/>
for more information

