

# CAPTOR

COLLECTIVE AWARENESS PLATFORM  
FOR TROPOSPHERIC OZONE POLLUTION



Newsletter No 2

## Citizen Empowerment to fight Ozone Pollution

January 2018

### What is CAPTOR?

**CAPTOR** is a collaborative project funded by the **European Union's Horizon 2020 research and innovation programme**, which started in January 2016 for a duration of 3 years. The consortium is composed of 8 partners, environmental NGOs and research centers, coming from Spain, Italy, Austria and France.

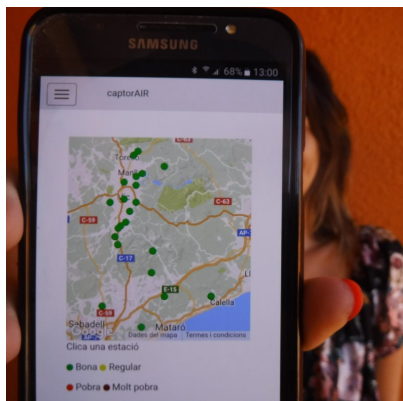
Look at the [CAPTOR presentation video](#).



one of the places selected by the researchers

### Citizens' Ozone Measurement 2017

In 2017, the **citizen-focused ozone measurement campaigns** were carried out by **volunteers in the three countries** (Austria, Italy and Spain). A total of 60 sensing nodes (35 Captors and 25 Raptors) were deployed in the volunteers' homes, local municipalities and at the official reference stations, for calibration. Real-time data from the CAPTOR nodes were provided to the general public throughout the summer campaign via the **mobile app captorAIR**, accessible via [captorair.org](#) or downloadable from Google Play.



## Engagement and citizen empowerment

The **Collaborative Awareness Platforms (CAPs)** and their related principal tools were created by the CAPTOR project in order to strength citizen actions to support the right to clean air. CAPTOR aims to give clear information about the quality of the air we breathe in real time via the Apps developed by the project ([airACT](#) and [captorAIR](#)), to share initiatives to combat air pollution ([#AirStories](#)) and to manage a discussion forum about the problem and effective solutions. You can take a look at the [italian CAP](#) for example.



**Citizens awareness and engagement impact** intensified substantially in 2017 by both projects activities and increased demand generated at local communities and stakeholders addressed. CAPTOR presentations, conferences, exhibitions in local communities, street activities, new campaigns such as "[Less Cars More Health](#)" and mass media work has contributed to increase the knowledge about air pollution and empower citizens to address changes in behaviors and policies.



The intensity of the work carried out has resulted in a high production of dissemination materials. **Reports** on air pollution and ozone pollution in 2017, that were published in Spain and Italy, got great impact as can be seen in the press clipping collected. This has enhanced the scope of the work carried out with the project.

## Evaluation report

The **evaluation of the CAPTOR** user involvement activities in the three testbed regions (in Austria, Italy, Spain) provides first insights about the usefulness of the CAPTOR approach. The participants in this Citizen Science project showed a very heterogeneous picture when it comes to motivational drivers and barriers for their engagement. **Questionnaires** have been complemented with in-depth insights from additional interviews and talks with the testbed organisers and participants to assess drivers and barriers of the citizen's involvement in the scientific process of CAPTOR. The full report can be downloaded on our website.

### Positive feedback from citizens

*"I will talk with guys, in schools, or with the parents of the friends of my daughters or with the citizens more interested in these topics, taking more attention on the administrators that can realize actions from a politic side but also communicating with citizens trying to change ways of life."*, commented a CAPTOR host.

### CAPTOR team passed successful European Comission review

The project made a "very good progress at project and workpackage level" was the feedback that the CAPTOR team received at its first review meeting in Brussels, on 7th of July 2017.

Look at the deliverables in [Project results](#).



## Call for Volunteers and Hosts 2018

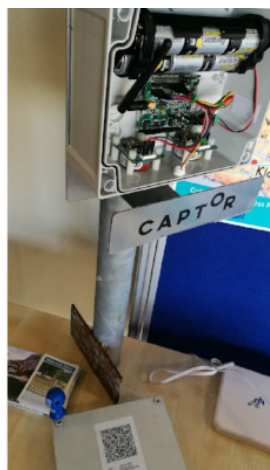
Sounds interesting? Do you want to become a CAPTOR host as well? If you live in the project region, contact one of our NGO partners and sign on to host a CAPTOR or RAPTOR for the next summer season. The testbed regions for 2018 are:

- **Spain:** Barcelonès, Maresme, Vallès and Baix Ripollès.
- **Italy:** Piemonte region, Lombardia region, Veneto region and Emilia Romagna region.
- **Austria:** Niederösterreich, Burgenland, Steiermark.

## CAPTOR next participation in events, workshops and conferences

Event	When	Where
3rd CAPTOR Consortium meeting	14th-15th Feb 2018	Rome/Italy
3rd Congress of the Environmental Sector in Catalonia: Climate change and air pollution	16th Feb 2018	Barcelona/Spain
Air pollution: challenges for the action of the municipalities	3rd March 2018	Barcelona/Spain
Long Night of Science/Lange Nacht der Forschung (requested)	13th April 2018	Vienna/Austria
Workshop: How to build a CAPTOR	April 2018	Vienna/Austria
European Citizen Science Conference	3rd-5th June 2018	Geneve/Switzerland
Final CAPTOR project Conference	Dec. 2018	Milano/Italy

## Call for CAPTOR Offspring partners



Do you want to do something similar in your region?

### Contact us NOW!

We pinpointed a list of requirements & skills that are necessary to guarantee a smooth start:

- Do you belong to.....

a scientific research institution,  
an NGO,  
a local community,  
a private company,  
an air quality monitoring agency?

Are you involved in another air quality measuring project?

Are you a technical innovator?

- Requirements
  - ✓ Offspring partners should be in contact with a research organisation or a regional air quality monitoring network to organise and monitor the calibration process.
  - ✓ Technical know-how for building and installing the measuring devices will be necessary.
  - ✓ IT know-how for handling measurement data will be necessary.

### How will we support if you are selected?

We will carry out workshops where you can participate. As an offspring partner you will get the following:

- Handbook(s)
- Advice on financing options for your project.
- Instructions by video
- Access to our captor network
- A starter kit including material for a RAPTOR and/or CAPTOR.
- Support and expertise during the initial phase by an offspring-coach.

### Contacts

Mail address: [contact@captor-project.eu](mailto:contact@captor-project.eu)

Stay informed: [captor-project.eu](http://captor-project.eu)

Follow us: [@captor\\_air](https://twitter.com/captor_air)

**CAPTOR is a [#CitizenScience](#) project addressing ozone pollution in Europe**

