



*Workshop organized by ECSA-air-quality Working Group*

## **Topic: Sharing knowledge and collaborate as network, initiating an annual European Clean Air Day**

*Organizing the first European Clean Air Day on 20 June 2019 to bring together  
scientists, citizens, and methods on air quality monitoring by citizen science*

**2nd April 2019, Bruxelles**

### **Venue**

*Please note this location! (Different than in concept program, not Stickydot but RBINS)*

Workshop on air quality will take place in the **Museum of Natural Sciences, RBINS** (Royal Belgian Institute of Natural Sciences)

- address: **Vautierstraat 29, 1000 Brussels, Belgium.**
- <https://www.naturalsciences.be/nl/museum/home>

### **Workshop session WG Air Quality**

12:30 – 13:00 Walk in, have a light lunch or thee/coffee

13:00 – 15:00 Workshop on air quality

### **AGENDA:**

#### **13:00 Welcome and opening by Linda Carton**

Short round of introduction by participants (have a list with names, affiliations, email, going around)

13:10 hours. Presenting updates and current work:

1. 13:10 Pitch 1: **Pawel Wyszomirski**, presenting plan for European Clean Air Day  
[https://drive.google.com/file/d/1tg7efb8G\\_5SzksohRTPjEJnNINdCGIN/view?usp=sharing](https://drive.google.com/file/d/1tg7efb8G_5SzksohRTPjEJnNINdCGIN/view?usp=sharing)
2. 13:15 Pitch 2: **Nuria Castell**, presenting Luftmåler Vaseline Method applied with Oslo schools
3. 13:20 Pitch 3: **Györgyi Bela**: Presenting project Mapping communities who do air quality sensing
4. 13:25 Pitch 4: **Lukas Mocek**: Presenting the Luftdaten sensing method and platform
5. 13:30 Pitch 5: **Hester Volten**: Presenting European EPA network and Dutch Platform “Measuring together”
6. 13:35 Pitch 6: **Judith Veenkamp**: Presenting project “Dutch Skies” and event on first European Clean Air Day on 20 June 2019 at WAAG in Amsterdam.

13:40: Standing break-out groups, with 3 break-out groups in 3 rounds. (each round 15 minutes)

### **Break-out group 1: What do we need for a successful first European Clean Air Day?**

**Break-out group 1 chaired by: Pawel Wyszomirski, Nuria Castell and Judith Veenkamp**

- What texts and elements we can use as 'almost ready to use' on the website for the European Clean Air Day? What texts, logos, pictures are necessary for building a simple website for ECAD 2019?
- There are now currently 2 'methods' selected for usage, the Luftmåler Vaseline Method, and the Luftdaten method for building a sensor measuring fine dust (PM2,5 and PM10). Is this what is advised and 'advertized' for the first European Clean Air Day?
- How do we organize outreach to citizen science communities?
- What can participants 'bring to the table' to contribute to this small, first European Clean Air Day?
- What developments have been seen over the last year in improved and intensified (or de-intensified) air quality sensing by citizens? What 'other' sensing and measurement methods may we have 'missed' that are suitable to replicate with citizen scientists?
- Pitfalls and conditions for a successful 20 June 2019, the first European Clean Air Day.
- What links to websites in various countries are good to link to, suggestions for adding hyperlinks to specific urls?

### **Break-out group 2: Building a Community Map with citizen science communities**

**Break-out group 2 chaired by: Gyorgyi Bela and Lukas Mocek**

- This map is meant to collect initiatives and let them know to each other they exist, for mutual communication.
- a first version Community Map has been created by Gyorgyi Bela, let's discuss how it should look and can be developed further
- How can the Community Map also serve purposes of the Working Group, such as collecting information of local practitioners and communicate about the European Citizen Science Day

### **Break-out group 3: Sharing stories, methods, platforms**

**Break-out group 3 chaired by: Hester Volten and Sven Schade**

- There are many citizen science communities doing great air quality monitoring projects in their city or neighbourhood. We may take too little effort to highlight and mention and tell the story of a few remarkable initiatives. Let's share these stories here and now.
- And make a list of cases-and-their-stories, so that we can enrich this list later with (online) references.
- This table is also meant to think about a strategy and a vision for the next month and next year, to make new annual plan(s) for the Working Group to share knowledge, put together information and create analyses and shared investigation, and process results.

### **14:25 Come back in plenary workshop**

#### **14:30 Sharing what we've done as working group + next steps (plenary)**

- Wrap up an agenda for the ECSA-working group air quality to take home as homework
- Fill in a sheet with the request to the audience who can help with what, in terms of making the first European Clean Air Day on 20 June 2019 a success: action points for next 3 months.
- How can we collaborate best as an inclusive Working Group of ECSA: what is needed to carry out the next steps for this Working Group, are there barriers to achieve collaborative goals?

### **15:00 End of workshop**

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Program before and after workshop:

**12:00 – 12:30 (before workshop, and before lunch) and 15:00 – 15:30 (after workshop):**  
**Extra time for active working group participants and core team** to put together practical preparations for the first European Clean Air Day on 20 June. The active working group members preparing Clean Air Day, a core team of 6 existing of Pawel, Hester, Nuria, Gyorgyi, Linda, Lukas, will work on creating an overview of project planning and current versions of the website for Clean Air Day. Information elements for the European Clean Air Day Website, Pawel is collecting content in this Google doc:  
<https://drive.google.com/drive/folders/1Mn8IFbOY5qxZmTeomY7pCUVDS3eERMWb>  
Only 79 days ahead to 20 June 2019!

**15:00 – 15:30 Coffee break** / registration for ECSA General Assembly

**15:30 – 18:00 General Assembly of ECSA.**

18:30 – 21:00 Evening meal for ECSA members in Sticky Dot , Rue de Parme 25 1060 Brussels, <http://stickydot.eu/> To travel to this location one needs to walk 30 – 35 minutes, or take public transport, from the Museum RBINS (Royal Belgian Institute of Natural Sciences).

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The aims of this **Workshop session WG Air Quality**:

- To present and discuss the current status and activities taken up by the ECSA-air quality working group.
- To prepare collaboratively for the first European Clean Air Day on 20 June 2019
- To discuss with the working group members, and participants from other working groups (such as the working group on Empowerment) how we can analyze and reflect on our investigations and actions in the field of air quality monitoring
- To discuss and organize the next steps as a working group, set targets for the second year of this working group. And to summarize the steps made during this first year of the working group.

**Output:**

- The organizers of the workshop session will write a summary of the workshop session, and publish this minutes on <https://ecsa.citizen-science.net/air-quality> and on <https://cleanairday.eu/>

**Organizers:**

Working Group ECSA-Air-Quality is organizing this workshop session.

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**Collaborative purpose of the Working Group:** Organize an annual ‘citizen scientists monitoring air quality day’ in European Cities, starting in 2019

Major objectives of Working Group Citizen Science on Air Quality:

1. Scale up existing methods in air quality monitoring with citizen science approaches to European scale, by focussing efforts towards one annual Day
2. Connect existing, differing initiatives, comparing and harmonizing different approaches, aim for a collaborative pan-European mapping
3. Engage more citizens in Europe in air quality monitoring
4. Improve our understanding of upscaling citizen sensing

The ECSA WG on air quality was set up in 2018, on 4 June in Geneva. The aim of the WG is to develop a network of scientists and citizen scientists for exchange and peer-support about air quality monitoring and air quality policy-making.

***Annex: A note for those who will attend the morning session of the Working group on Empowerment:***

*Note: it will be a long walk, about 30 minutes or slightly more, to walk from the venue that is used for the morning session of the Working group on Empowerment, and that will be used in the evening, after the General Assembly. The location for the Working Group Empowerment and the informal evening part will be [Stickydot](http://stickydot.eu/) – address Rue de Parme 25 1060 Brussels, Belgium - <http://stickydot.eu/>.*

*Please note that Sticky Dot is NOT the location of the Workshop on Air Quality. The workshop on Air Quality will be held in the Museum of Natural Sciences, the same location as the General Assembly of ECSA will be held in the afternoon.*

*If you attend the workshop on Empowerment in the morning, we ask you to leave this workshop latest at 12:00 if you also present or participate in the workshop air quality, in order to be in time in the **Museum of Natural Sciences (RBINS)**, and in the right room.*