



25 May 2018

Involving citizens in air quality monitoring through Citizen Science initiatives

Covent Garden, 25th floor, Place Charles Rogier 16, 1210 Brussels

Background info

Citizen science activities can be a means to raise awareness and help citizens to learn more about their exposure to environmental stressors such as air pollutants, take informed decisions which may also facilitate behavioural change. Citizen science activities can also be a tool to mobilise communities, participate in discussions on environmental issues and develop and implement ideas for a greener urban future. In particular air pollution is a topic of increasing concern of citizens and communities in many European cities. Low-cost sensor technologies which are easy to use can help to provide real-time data and new opportunities to engage citizens in active environmental monitoring. This also raises questions on the data quality and their appropriateness and value for public use. In this session the project [iSCAPE](#) and [Ground Truth 2.0](#) funded by the EU Research and Innovation programme Horizon 2020 and other related projects will present their experience with citizen's engagement and environmental monitoring using low costs sensors. We encourage Citizen Science projects and initiatives to join the session and share their experience. The interested public can learn more about citizen science initiatives and low-cost sensors for monitoring air pollution and personal exposure assessments.

The [objectives](#) of the event:

- To facilitate an exchange and knowledge sharing between different projects and initiatives working with citizen science activities in the field of air quality
- To learn more about air quality monitoring through citizen science initiatives and to share experience with data collection/validation and use of different sensor devices
- To demonstrate or allow interested participants to test one or more sensor devices

Programme

08:30 Registration

09:00 – 09:20 Welcome, opening remarks and introduction to the topic (EASME, iSCAPE, Ground Truth 2.0)

09:20 – 09:40 iSCAPE – Engaging citizens with Living Labs (Guillem Camprodon, IAAC- Institute for Advanced Architecture of Catalonia)

09:40 – 10:00 Ground Truth 2.0 and FLAMENCO –Engaging citizens through Citizen Observatories (Stijn Vranckx, Jan Peters, VITO- Flemish Institute for Technological Research)

10:00 – 10:15 Life-IP Malopolska – Citizen Science for air quality monitoring in the Malopolska region (Jakub Bartyzel, AGH University of Science and Technology Krakow)

10:15 – 10:30 Curieuze Neuzen – 'Rolling out' Citizen Science initiatives in Flanders (Filip Meysman, University of Antwerp)

10:30 – 10:45 hackAIR– Engaging citizens with open technologies (Panagiota Syropoulou, DRAXIS ENVIRONMENTAL S.A.)

10:45 – 11:00 Coffee break

**11:00 – 12:00 Panel discussion and experience sharing:
Key challenges of citizen science and citizens' engagement in air quality monitoring**

Moderation: Franz Immler, EASME, Head of Sector B.2.2 Climate Action

<ul style="list-style-type: none">• Technology-based methods and success factors of engaging citizens• Citizens awareness and behavioural change engaging different population groups and areas	<p>Louise Francis, UCL- University College London, Co-founder Mapping for Change (Projects DITOs, ECSAnVis, Breathe Clean, D-NOSES) Margaret Gold, ECSA - European Citizen Science Association (Project WeObserve)</p>
<ul style="list-style-type: none">• Sensor devices, data collection methods, interpretation and validation	<p>Dimitris Chapizanis, AUTH - Aristotle University of Thessaloniki (Project ICARUS)</p>
<ul style="list-style-type: none">• Quality and usability of data for air quality reporting, policy and measures	<p>Vicente Franco, DG Environment, Clean Air Unit</p>

12:00-12:15 Wrap- up and conclusions

12:15 – 13:00 Sandwich lunch

13:00 – 14:00 Sensor kit demonstration: Presentation and testing of different sensor devices with interested participants

Please register online

The event is free but all participants are kindly asked to register to be able to access the building: <https://www.eventbrite.com/e/involving-citizens-in-air-quality-monitoring-tickets-44631895200>

Event page: https://www.iscapeproject.eu/iscape_green_week_bxl_25_may/

More information about the Green week conference: <https://www.eugreenweek.eu/>

Green week conference - related sessions:

<https://www.eugreenweek.eu/session/54-making-our-cities-green-citizen-science>

<https://www.eugreenweek.eu/session/64-air-quality-cities-solutions-and-synergies-climate-action>

Visit the joint Project Stand 10: ClairCity / iSCAPE / ICARUS - air quality and carbon emissions in cities <https://www.eugreenweek.eu/exhibition-overview>