



**AIR QUALITY FORUM 2025**

**Understanding the  
New European Air Quality  
Directive and Its Implications**

**February 26<sup>th</sup>-27<sup>th</sup>, 2025**

**Brussels, Belgium**

WEDNESDAY, 26<sup>TH</sup> FEBRUARY 2025  
FIRST CONFERENCE DAY

9:30 am Welcome Prof. Dr.-Ing. habil. Achim Dittler, Karlsruhe Institute of Technology

9:45 am Political Drivers and Obstacles on the Way to the Directive François Wakenhut, Head of the Clean Air Unit, European Commission, DG Environment

10:30 am Coffee Break

10:45 am New Insights Leading to the WHO Air Quality Guidelines Rosamund Adoo-Kissi-Debrah, Founder, Jeffery Smith, Senior Advisor for Global Clean Air The Ella Roberta Foundation

11:30 am Most Important Changes to the Old Directive and Main Demands: An Overview (Limits, Pollutants, Measurement, Juristic Consequences) Anna-Lena Franke, Senior Expert EU Policy | Transport & Air Quality, Deutsche Umwelthilfe

12:15 pm Legal Obligations and Opportunities for Cities in the Revised Ambient Air Quality Directive Emma Bud, Lawyer, ClientEarth

1:00 pm Lunch Break

2:00 pm Experience with the Use of Low-Cost Air Quality Measurement Instruments in the Czech Republic Dr.-Ing. Petra Bauerová, Head of Tušimice Observatory Czech Hydrometeorological Institute

2:45 pm Consequences From the Perspective of an Environmental Agency Dr. Steffen Freitag, Landesamt für Natur, Umwelt und Verbraucherschutz Nordrhein-Westfalen

3:30 pm Aircraft-Related UFP Exposure and Health Effects in Children: An Epidemiological Study in Berlin and Brandenburg Using a Crossover Design Dr. Josef Cyrus, Senior Scientist, Helmholtz Zentrum München Institute for Epidemiology

4:15 pm Coffee Break

4:30 pm Source Identification Prof. Dr. Alessandra Genga, Head of Laboratory of Chemistry of the Environment and Cultural Heritage, Università del Salento

5:15 pm Latest Insights from Real-World Vehicle Emission Measurements from the TRUE Initiative and Lessons Learned for Effective Policies Yoann Bernard, International Partnerships Program Lead, International Council on Clean Transportation Europe gGmbH

6:00 pm Summary & Conclusion Prof. Dr.-Ing. habil. Achim Dittler, Volker Ziegler, Director of Sales, Palas GmbH

7:00 pm Dinner and Evening Program

THURSDAY, 27<sup>TH</sup> FEBRUARY 2025  
**SECOND CONFERENCE DAY**

8:45 am Welcome Prof. Dr.-Ing. habil. Achim Dittler, Karlsruhe Institute of Technology

9:00 am Importance of Standardization of Sensor Systems Dr. Martine Van Poppel, Senior Researcher, VITO

9:45 am Coffee Break

10:00 am Apportioning Pollution Sources in Real-Time Particle Size Distributions: A New Perspective in Air Quality Monitoring Prof. Chen Hui, Associate Professor, School of Environmental and Chemical Engineering at Shanghai University

10:45 am Ultrafine Particles in Ambient Air of Residential Areas: Recent Results from Explorative Measurements Applying a Diffusion Charge Based UFP Monitor Dr.-Ing. Peter Bächler, Research Assitant, Karlsruhe Institute of Technology

11:30 am Experiencing and Initiatives of Barcelona in the Field of Air Quality Jordi Remíez Carol, Departament d'Avaluació i Gestió Ambiental, Gerència de Serveis Urbans i Manteniment de l'Espai Públic, Ajuntament de Barcelona

12:15 pm Lunch Break

1:15 pm Advancing Clean Air Solutions in Southeast Asia: Innovations and Insights from Malaysia Dr. Noor Zaitun Yahaya, Senior Lecturer, Universiti Malaysia Terengganu

2:00 pm Working with Passive Samplers Dr. Benjamin Michen, Technical Lead, Passam AG

2:45 pm Source Identification in an Italian City Prof. Dr. Tiziano Zarra, Università degli Studi di Salerno

3:30 pm Coffee Break

3:45 pm Hyperlocal Sensor Networks - Breathe London Jim Mills, Managing Director, Scotswolds Ltd

4:30 pm Air Break Project: Mitigating Air Pollution in Ferrara through a Hybrid Strategy Based on Data Collection, Citizen Engagement, and Bold Infrastructure Investments Alessandro Balboni, Deputy Mayor, Municipality of Ferrara

5:15 pm Perspectives of Remote Sensing with the Latest ESA Sentinel Generation Dr. Claus Zehner, Sentinel-5p Mission Manager, ESA/ESRIN

6:00 pm Summary & Conclusion Prof. Dr.-Ing. habil. Achim Dittler, Volker Ziegler, Director of Sales, Palas GmbH

6:30 pm End of Conference

Final titles may change

Registration:



[www.airqualityforum.com](http://www.airqualityforum.com)

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