



AIR QUALITY FORUM 2025

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

February 26th-27th, 2025

Brussels, Belgium

WEDNESDAY, 26TH 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 Jeffery Smith, Consultant for World Health Organization (WHO)

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

1:00 pm Lunch Break

1:45 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

2:30 pm Legal Consequences (Penalties, Right to Clean Air, Compensation) Emma Bud, Lawyer, ClientEarth

3:15 pm Aircraft-Related UFP Exposure and Health Effects in Children: An Epidemiological Study in Berlin and Brandenburg Using a Crossover Design Dr. Josef Cyrys, Senior Scientist, Helmholtz Zentrum München Institute for Epidemiology

4:00 pm Coffee Break

4:15 pm Source Identification Prof. Dr. Alessandra Genga, Head of Laboratory of Chemistry of the Environment and Cultural Heritage, Università del Salento

5:00 pm Apportioning Pollution Sources in Real-Time Particle Size Distributions: A New Perspective in Air Quality Monitoring Prof. Chen Hui, Shanghai University

5:45 pm Summary & Conclusion Prof. Dr.-Ing. habil. Achim Dittler, Dr.-Ing. Maximilian Weiß, CEO, Volker Ziegler, Director of Sales, Palas GmbH

7:00 pm Dinner and Evening Program

THURSDAY, 27TH FEBRUARY 2025
SECOND CONFERENCE DAY

9:00 am	Welcome	Prof. Dr.-Ing. habil. Achim Dittler, Karlsruhe Institute of Technology
9:30 am	Importance of Standardization of Sensor Systems	Dr. Martine Van Poppel, Senior Researcher, VITO
10:15 am	Coffee Break	
10:30 am	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
11:15 am	Example: LEZ in a City in Spain	Jorge Maojo Rodriguez, Director of Sales, Envira IoT
12:00 pm	Lunch Break	
12:45 pm	Advancing Clean Air Solutions in Southeast Asia: Innovations and Insights from Malaysia	Dr. Noor Zaitun Yahaya, Senior Lecturer, Universiti Malaysia Terengganu
1:30 pm	Working with Passive Samplers	Dr. Benjamin Michen, Technical Lead, Passam AG
2:15 pm	Source Identification in an Italian City	Prof. Dr. Tiziano Zarra, Università degli Studi di Salerno
3:00 pm	Coffee Break	
3:15 pm	Large City Hybrid Air Quality Networks	Jim Mills, Managing Director, Scotswolds Ltd
4:00 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
4:45 pm	Perspectives of Remote Sensing with the Latest ESA Sentinel Generation	Dr. Claus Zehner, Sentinel-5p Mission Manager, ESA/ESRIN
5:30 pm	Summary & Conclusion	Prof. Dr.-Ing. habil. Achim Dittler, Dr.-Ing. Maximilian Weiß, CEO, Volker Ziegler, Director of Sales, Palas GmbH
6:00 pm	End of Conference	

Final titles may change

Registration:



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