

The KEY-VOCs project “Metrology for VOC indicators in air pollution and climate change” aims at improving the measurement infrastructure for key Volatile Organic Compounds (VOCs) in air by providing traceable and comparable reference gas standards and by validating new measurement systems (sensors-based) in support to the air monitoring networks.

The purpose of the webinar is to introduce the main project results and the perspective of potential users of these results regarding short, medium, and long-term applicability.

In addition, the webinar will illustrate the economic and technological impact of project results for improving indoor and outdoor environmental monitoring.

www.key-vocs.eu/

This webinar is organised in cooperation with



Dutch
Metrology
Institute



EMRP
European Metrology Research Programme
► Programme of EURAMET



The EMRP is jointly funded by the EMRP participating countries within EURAMET and the European Union



Webinar

*Discussing impact on
climate monitoring and
indoor air quality measurements
of EMRP KEY-VOCs project*



Tuesday 5th September 2017

Scientific Coordinators

Alessia Demichelis
General Chair
a.demichelis@inrim.it
+39 011 39 19 971

Mariapaola Sassi
m.sassi@inrim.it

Webmasters

Stefano Pavarelli
Gian Paolo Scialpi
s.pavarelli@inrim.it

Communication

Elisabetta Melli
Silvia Cavallero
press@inrim.it

organised by



Agenda - PART 1

KEY-VOCs in climate monitoring

h. 10:00 - 11:30



- 10:00 *Coordinator introduction*
A. Baldan, VSL
- 10:05 *WP1 & WP2 results highlights*
S. Persijn, VSL
- 10:20 *Application of developed standards in GAW context*
R. Steinbrecher, IMK
- 10:40 *Round table chaired by S. Persijn*
Discussion topics:
Novel portable standards and GC calibration techniques
Applications for air quality labs
Performances of purifiers and catalyzers
New adsorption models and measurement of tubings
- 11:30 *Final discussion and closing*
S. Persijn

Agenda - PART 2

KEY-VOCs in indoor air quality

h. 14:00 - 15:00

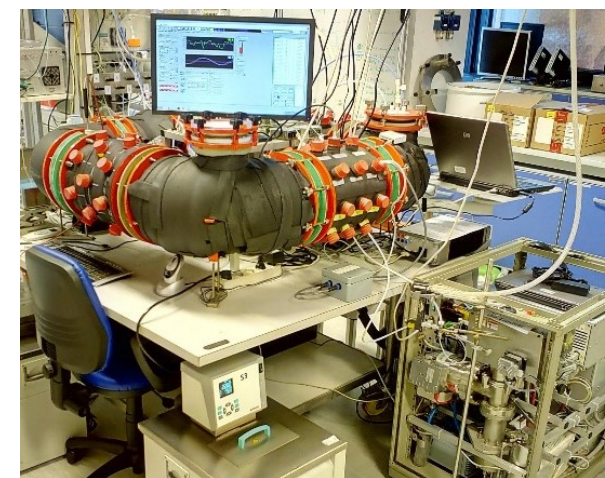


- 14:00 *Coordinator introduction*
A. Baldan, VSL
- 14:05 *WP3 results highlights*
W. Horn, BAM
- 14:20 *QA/QC in testing laboratories - daily challenges*
F. Kuebart, eco-INSTITUT
- 14:40 *Round table chaired by W. Horn*
Discussion topics:
Uncertainty and stability of transfer standards produced with sorbent tubes
Applications for cultural heritage protection
- 15:00 *Final discussion and closing*
W. Horn

Agenda - PART 3

Sensors for KEY-VOCs monitoring

h. 15:30 - 16:30



- 15:30 *Coordinator introduction*
A. Baldan, VSL
- 15:35 *WP4 results highlights*
M. Gerboles, JRC
- 15:50 *Application of innovative microsystem - based sensors in environmental monitoring*
S. Zampolli, CNR-IMM Bologna
- 16:10 *Round table chaired by M. Gerboles*
Discussion topics:
Sensor's sensitivity in different fields of activity
Sensor price and technology use
Selectivity of sensor relevant compounds
- 16:30 *Final discussion and closing*
M. Gerboles