

## TFIAM/FAIRMODE WORKSHOP

### On modelling urban and regional measures for improved air quality

15-16 February 2017, Utrecht, The Netherlands

#### **Agenda**

Day 1

15 February, Het Utrechts Archief (The Utrecht Archives), Hamburgerstraat 28, Utrecht

#### **1. General introductions**

14.00h Welcome

*Rob Maas, RIVM, co-chair*

<http://www.unece.org/index.php?id=42861&L=0>

14.20h Introduction Urban Partnership on air quality

*René Korenromp, Netherlands Ministry of Infrastructure and Environment*

<http://urbanagendaforthe.eu/partnerships/air-quality/>

14.30h Modelling city-specific environments for the Urban Partnership on air quality

*Enrico Pisoni/Philippe Thunis, JRC*

<http://fairmode.jrc.ec.europa.eu/measure-catalogue/>

<https://ec.europa.eu/jrc/en/news/sherpa-computational-model-better-air-quality-urban-areas>

15.00h Assessing the contribution of transboundary sources to local air pollution

*Laurence Rouil, UNECE-EMEP*

15.30h Cost-effective EU-measures to reduce exposure of the urban population

*Markus Amann, IIASA*

[http://www.iiasa.ac.at/web/home/research/researchPrograms/air/policy/TSAP\\_12\\_final\\_v1.pdf](http://www.iiasa.ac.at/web/home/research/researchPrograms/air/policy/TSAP_12_final_v1.pdf)

16.00h E-reporting of plans and programmes

*Alberto González Ortiz, EEA*

<http://www.eea.europa.eu/publications/air-implementation-pilot-2013>

16.30h Assessment of air quality measures and costs in Paris

*Marguerite Muhlhaus, DRIEE & Nadine Allemand, CITEPA*

17.00h Assessment of local air quality measures in Germany

*Florian Pfäfflin, IVU Umwelt .... Presented by Andreas Eisold*

<https://www.umweltbundesamt.de/en/publikationen/inventory-effectiveness-of-measures-to-improve-air>

18:00h **End of day 1**

## **Day 2**

16 February: Stadsasteel Oudaen, (Monumental City Castle "Oudaen"), Oudegracht 99, Utrecht

### **2. Regional and national approaches**

9.00h Assessment of national air quality measures in Italy - focus on the Po-Valley agreement  
*Antonio Piersanti, ENEA*

9.30h Assessing the economic value of the Lombardia Regio Air quality plan  
*Giorgio Guariso (Politecnico di Milano), Marialuisa Volta (University of Brescia)*  
[http://www2.arpalombardia.it/qariafiles/varie/relazione\\_progetto%20VALUTA.pdf](http://www2.arpalombardia.it/qariafiles/varie/relazione_progetto%20VALUTA.pdf) (in italian)

10.00h The Emilia Romagna air quality plan using the RIAT+ tool  
*Michele Stortini, ARPA*  
<http://www.riatplus.eu/html/eng/home.html>

10.30h The Dutch example: National Cooperative Programme and local on air quality initiatives  
*Guus Velders, RIVM*

11:00h Effectiveness of ammonia measures to reduce PM-episodes  
*Carlijn Hendriks, TNO*

### **3. Local approaches**

11:30h How models support the Antwerp air quality management plan  
*Stijn Janssen, VITO*

12:00h Cost-effective abatement of NOx emissions from ships  
*Christer Ågren, AirClim*

12:30h Assessment of measures in urban/port areas – Liguria experience  
*Carlo Trozzi, Techne-Consulting*  
<http://claircity.eu/>

14:00h Defining and implementing air quality measures in Lisbon  
*Francisco Ferreira & Nelson Barros*

14:30h Assessment of cobenefits of air pollution measures  
*Rainer Friedrich, Universität Stuttgart*  
<http://icarus2020.eu/>  
<http://www.transphorm.eu/>

15:00h Air quality improvements from urban energy policy  
*Mark Barrett, UCL*

15.30h Impact of measures to improve (urban) air quality in Spain

*Fernando Martin Llorente, CIEMAT*

16:00h Assessment of Air quality measures in Helsinki

*Miko Savolahti, SYKE*

16.30h Effectiveness of measures to promote cycling in Copenhagen

*Jesper Bak, Arhus University*

#### **4. Conclusion**

16:30h Concluding remarks

*Rob Maas*

17:00h **End of day 2**

#### Useful links:

[http://www.theicct.org/sites/default/files/publications/ICCT\\_real-world-NOX-RDE-2015-2030\\_dec2016.pdf](http://www.theicct.org/sites/default/files/publications/ICCT_real-world-NOX-RDE-2015-2030_dec2016.pdf)

[http://www.theicct.org/sites/default/files/publications/Euro-VI-versus-6\\_ICCT\\_briefing\\_06012017.pdf](http://www.theicct.org/sites/default/files/publications/Euro-VI-versus-6_ICCT_briefing_06012017.pdf)

<http://airuse.eu/en/outreach-dissemination/reports/>

<http://www.joaquin.eu/Knowledge/Decision-Support-Tool/page.aspx/121>

<https://www.london.gov.uk/what-we-do/environment/pollution-and-air-quality/improving-air-quality>

[http://www.iiasa.ac.at/web/home/research/researchPrograms/air/policy/12\\_Lumbreras\\_TFIAM45.pdf](http://www.iiasa.ac.at/web/home/research/researchPrograms/air/policy/12_Lumbreras_TFIAM45.pdf)

<http://urbanagendaforthe.eu/>

<http://urban.jrc.ec.europa.eu/?ind=access&ru=fua&s=0&c=1&m=0&f=1&p=0&swLat=24.84656534821976&swLng=-45.3515625&neLat=65.58572002329472&neLng=67.1484375>

[http://www.covenantofmayors.eu/actions/sustainable-energy-action-plans\\_en.html](http://www.covenantofmayors.eu/actions/sustainable-energy-action-plans_en.html)

<http://www.sustainablecities.eu/transformativ-actions-database/>

<http://www.inherit.eu/>

## Participants

Christer Ågren - EEB/Airclim  
Nadine Allemand - France  
Markus Amann - IIASA  
Stefan Åström - Sweden  
Jesper Bak - Denmark  
Mark Barrett - UK  
Nelson Barros - Portugal  
Nina Benešová - Czech Republic  
Erik Boons - Utrecht City  
Alain Clappier - France  
Kees Cuvelier - JRC  
Kevin Delaney - Ireland  
Louise Duprez - EEB  
Vedrana Dzaja-Grgicin - Croatia  
Andreas Eisold - Germany  
Francisco Ferreira - Portugal  
Laurent Fragu - Concawe  
Rainer Friedrich - Germany  
Marta Garcia Vivanco - Spain  
Eva Gerhatova - Slovakia  
Alberto González Ortiz – EEA  
Thomas Griebe – Germany  
Giorgio Guariso - Italy  
Carlijn Hendriks Netherlands - TNO  
Jean-Paul Hettelingh Netherlands - RIVM  
Claire Holman - UK  
Elvira Horvatic - Croatia  
Frauke Hoss - European Commission  
Lesley Hoven - Concawe  
Stijn Janssen - Belgium  
Rene Korenromp - Netherlands - Urban Partnership  
Sandra Krmpotic - Croatia  
Jonilda Kushta - Cyprus  
Frank de Leeuw - Netherlands - RIVM  
Rob Maas - Netherlands - RIVM  
Bino Maiheu - Belgium  
Fernando Martin Llorente - Spain  
Jana Matejovičová - Slovakia  
Angela Morabito - Italy  
Marguerite Muhlhaus – Paris  
Julia Neuhäuser - Germany  
Alessandra Nocioni - Italy  
Emanuela Peduzzi - JRC  
Antonio Piersanti - Italy - ENEA  
Guido Pirovano - Italy  
Enrico Pisoni - JRC  
Marjon Plantinga - Utrecht Province  
Max Posch – Netherlands - RIVM  
Bruce Rolstad Denby - Norway  
Laurence Rouil - France  
Mikko Savolahti - Finland  
Jeroen Schenkels - Utrecht City  
Michele Stortini - Italy  
Kritsanu Thipnoy - Thailand/Netherlands  
Philippe Thunis - JRC  
Carlo Trozzi - Italy  
Guus Velders - Netherlands - RIVM  
Sonja Vidic - Croatia  
Leslie White – Concawe  
Rahela Žabkar – Slovenia