

**CONVENTION ON LONG-RANGE
TRANSBOUNDARY AIR POLLUTION**

17th Task Force on Measurement and Modelling Meeting:

Utrecht - May 18th to May 20th, 2016 - TNO, Princetonlaan 6, 3584 CB Utrecht

Wednesday, 18th May 2016 (14:00-18:00)

13:00-14:00 Registration

Welcome & Introduction

14:00-14:30: “Welcome, Agenda, Update from the Convention”, **Augustin Colette and Oksana Tarasova**, co-chairs of the TFMM

14:30-14:50: “Welcome of host: Activities of TNO within the Convention”, **Martijn Schaap**, TNO

EMEP Modelling Strategy

14:50-15:05: “Recent activities of MSC-E and Cooperation with Minamata and Stockholm Conventions”, **Alexey Gusev**, MSC-E

15:05-15:25: “B(a)P pollution of urban areas of the EMEP countries”, **Alexey Gusev**, MSC-E

15:25-15:40: “EMEP Case study: Assessment of HM pollution levels with fine spatial resolution in Belarus, Poland and UK”, **Ilya Ilin**, MSC-E

15:40-15:55: “Modelling the Concentration and Deposition of Pd and Cd in the UK”, **Tony Dore**, CEH

15:55-16:15: “Open discussion on HM&POP Modelling”, **All**

16:15-16:40 Coffee break

16:40-17:00: “EMEP/MSW - progress of work”, **Hilde Fagerli**, MSC-W Met Norway

17:00-17:20: “Assessment of EMEP Model Performance across Croatia at two resolutions (0.5 x 0.5 and 0.25 x 0.5 degrees lat-lon) based on DELTA tool”, **Sonia Vidic**, MHS

17:20-17:40: “Linking the meteorological conditions to air pollution in Italy”, **Mihaela Mircea**, ENEA

17:40-18:00: “Modelling air quality at high resolution in the Netherlands with plume and grid models”, **Eric van der Swaluw**, RIVM

18:00 End of the day

Thursday, 19th May 2016 (9:00-18:00)

EMEP update

09:00-09:30: "Update on EMEP activities", **Laurence Rouil**, EMEP

EMEP Modelling strategy (cont.)

09:30-09:50: "Intercomparison and evaluation of chemical mechanisms for air quality policy assessment", **Dick Derwent**, RD Scientific

09:50-10:10: "The UK particulate matter air pollution episode of March–April 2014, UK emissions reduction and its impact on UK PM_{2.5}", **Massimo Vieno**, CEH

10:10-10:30: "The origin of the highest O₃ episodes in Spain", **Xavier Querol**, IDAEA-CSIC

10:30-10:50: "TF-EIP&TFMM working group on SVOCs", **Bertrand Bessagnet**, INERIS

10:50-11:10 **Coffee break**

11:10-11:30: "Uncertainties in VOC emission estimates from solvents application", **Sergey Kakareka**, INM

11:30-11:50: "Open discussion on main pollutant modelling", **All**

EMEP Measurement Strategy

11:50-12:20: "EMEP measurements - update from CCC on various ongoing and planned activities", **Wenche Aas and Kjetil Torseth**, CCC, NILU

12:20-14:00 **Lunch**

14:00-14:20: "The added value of European Twin urban regional/remote Supersites to transboundary pollution at urban level", **Marco Pandolfi**, IDAEA-CSIC

14:20-14:40: "Reduced and Oxidised Nitrogen measurements in EMEP: Research and Monitoring Challenges", **Christine Braban**, (CEH)

14:40-15:00: "Outcome of the GAW Nitrogen cycle workshop", **Oksana Tarasova**, WMO

15:00-15:20: "Estimation of organic and elemental carbon concentrations and organic mass to organic carbon ratios in monitoring networks with infrared spectroscopy", **Satoshi Takahama**, EPFL

15:20-15:40: "Interlaboratory comparison results and RM for OC&EC measurements", **Fabrizia Cavalli**, JRC

15:40-16:00 **Coffee break**

16:00-16:20: "EMEP and ACTRIS, the way forward", **Paolo Laj**, CNRS/UHEL

16:20-16:40: "VOCs and NO_x under EMEP and ACTRIS", **Anja Claude**, DWD, and **Stefan Reimann**, EMPA

16:50-17:10: "The ACTRIS Aerosol Chemical Speciation Monitor (ACSM) Network and new filter off-line techniques to measure PM chemical composition and determine organic aerosol sources", **Andre Prevost**, PSI

17:10-18:00 "Open discussion on measurement strategy (inc. Actris/EMEP and field campaigns)", **All**

18:00 **End of the day**

19:15 **Dinner at Restaurant Aal (address: Oude gracht aan de werf 159, see directions in annex). Cost of 40€ covered by participants at collected at meeting registration.**

Friday, 20th May 2016 (9:00-15:30)

Trends

09:00-09:20: “TFMM Trend Report: Main findings”, **Augustin Colette**, INERIS

09:20-09:40: “Eurodelta-Trends Overview”, **Augustin Colette**, INERIS

09:40-10:00: EuroDelta: Country-wise modelled trends of air pollutants”, **Kees Cuvelier**, ex-JRC

10:00-10:20: “An interactive tool for visualizing aerosol trends”, **Augustin Mortier**, Met Norway

10:20-10:40: “Multimodel analysis of trends in European SIA concentrations over the period 1990-2010”, **Astrid Manders**, TNO

10:40-11:00 **Coffee break**

11:00-11:20: “Multimodel and observed PM trends”, **Svetlana Tsyro**, MSC-W, Met Norway

11:20-11:40: “Deposition trends in Europe for the period 1990-2010, in the framework of the EURODELTA III project”, **Marta Garcia Vivanco**, CIEMAT

11:40-12:00: “A novel model evaluation method and possible application to the Eurodelta 20 year time series”, **Stefano Galmarini**, JRC

12:00-13:30 **Lunch in the Botanical Gardens (provided by TNO)**

13:30-13:50: “Ozone trends in Europe during the last 25 years based on time scale decomposition”, **Eirini Boleti**, EMPA

13:50-14:10: “Near-surface ozone reanalysis during 1990-2013 in Sweden – explaining the trend”, **Camilla Andersson**, SMHI

14:10-14:30: “Retrospective air quality simulation over northern Italy”, **Camillo Silibello**, ARIANET

14:30-14:50: “Trends and links between EMEP/TFMM and WGE”, **Augustin Colette**, TFMM

14:50-15:10: “TFMM Mandate and Workplan”, **Augustin Colette**, TFMM

15:10-15:30: “Conclusion”, **Augustin Colette** and **Oksana Tarasova**, TFMM

15:30 **End of Meeting**

Route description 'De Uithof'

TNO, GML and Deltares: Princetonlaan 6, 3584CB Utrecht



Travelling to 'De Uithof' by public transport

Coming from Utrecht Central Station:

Buses 28 and 12 go from Utrecht Central Station to 'De Uithof'.

Buses depart every 3-5 minutes.

Bus 28: get off at **H** Botanical Gardens (Botanische Tuinen) stop.

Bus 12: get off at **H** Padualaan stop. The journey takes about 20 minutes.

See www.9292ov.nl for more information about public transport options.

See www.u-ov.info for detours that may affect bus traffic in Utrecht.

See red line for pedestrian route.: - - -

See green line for car route: - - -

Travelling to Uithof by car

Visitors to the TNO, GML and Deltares Princetonlaan 6 location in Utrecht can use the paid car parks marked: **P** in green on the map. You will receive an exit ticket from the reception.

You will find a car journey planner at www.utrecht.nl/bereikbaar.

This tool will help you plan for potential detours due to road construction or other inconveniences in the vicinity of 'De Uithof'.

How to get from TNO to the restaurant

From the busstop “Botanische tuinen” take city bus 11. The buses depart every 5 minutes.

You should get off at the stop “Neude” at the main canal (green dot).

From here you walk in 5 minutes to the restaurant Aal, see walking route, red dot.

Address: Oude gracht aan de werf 159.

Note that the restaurant is downstairs at the water level! Down the stairs turn left. Don't fall in!

Meeting time: **19:15**

