

DRAFT

26th EMEP Task Force on Measurements and Modelling Meeting

Potsdam, 5-7 May 2025

| 5 th May Agenda | | | |
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| 10.20-10.40 | | Registration/coffee | |
| 10:40-10:50 | Welcome | | RIFS Representative |
| 10:50-11:00 | Introduction | Joanna Struzewska, Paolo Laj | IOS-PIB, WMO |
| Update on the Convention activities | | | |
| 11:00-11:20 | EMEP MSC-W activities in 2024/2025 | Hilde Fagerli / Svetlana Tsyro | Met.no / MSC-West |
| 11:20-11:40 | EMEP MSC-E activities: Progress and plans | Oleg Travnikov | Jožef Stefan Institute / MSC-East |
| 11:40-12:00 | Update from WMO | Paolo Laj | WMO |
| 12:00-12:20 | CCC update | Kjetil Torseth/Wenche Aas | NILU / CCC |
| 12:20-12:40 | TFMM update & workplan | Joanna Struzewska | IOS-PIB / TFMM |
| 12.40-13.00 | Q&A | | |
| 13:00-14:00 | | LUNCH | |
| Synergies with the Ambient Air Quality Directive (2024/2881) | | | |
| 14:00-14:15 | Modelling in the context of the new 2024/2881 directive | Theodoros Grigoratos | European Commission DG-ENV |
| 14:15-14:30 | Update od FAIRMODE | Enrico Pisoni | JRC |
| 14:30-14:45 | New monitoring requirements and the AQUILA Network | Annette Borowiak | JRC |
| 14:45-15:00 | Update on ACTRIS/RI-URBANS | Tuukka Petäjä | FI |
| 15:00-15:30 | Supersites in FI | Tuukka Petäjä | FI |
| | Supersites in ES | Gadorindra Hidalgo | ES |
| | Supersites in CH | Christoph Hügli | CH |
| | Supersites in PL | Magdalena Brodowska | PL |
| | Supersites in ? | tbc | tbc |
| 15.30-15.40 | Q&A | | |
| 15.40-16.00 | | COFFEE BREAK | |
| PMs chemical composition including CEC (measurements and modelling) | | | |
| 16.00-16.15 | Update on the Eurocarb-BaP modelling exercise | Marta Garcia Vivanco | CIEMAT |
| 16.15-16.30 | Field observation and modeling of PM organic chemical speciation and Oxidative Potential | JAFFREZO Jean-Luc | IGE (UGA / CNRS) Grenoble |
| 16.30-16.45 | Effect of dust resuspension on heavy metal pollution: A sensitivity analysis | Viktoria Koncz | MSC-E / Jožef Stefan Institute (JSI) |
| 16.45-17:00 | PAH source attribution in Europe: a modelled and moss-based perspective | Isabel Garcia Arevalo | MSC-E / Jožef Stefan Institute (JSI) |
| 17:00-17:15 | Equivalent black carbon observations and source apportionment in EYE-CLIMA and AeroVal | Stephen Platt | NILU |
| 17:15-17:30 | Summary of the day | Joanna Struzewska/Paolo Laj | IOS-PIB / WMO |
| 18.30- | | Dinner at the restaurant El Puerto. Costs covered by RIFS. https://maps.app.goo.gl/g7esMWRf4RWF4eq5 | |

| 6 th May Agenda | | | |
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| O3/VOC with a focus on the July 2022 Modelling Exercise | | | |
| 9.00-9:20 | O3/VOC modelling exercise: Impacts of emissions and boundary conditions on the results of the CHIMERE model | Marta Garcia Vivanco | CIEMAT |
| 9.20-9.40 | Ozone sensitivity to VOCs emissions and lessons learned for the design of the Spanish National abatement plan | Alba Badia | Barcelona Supercomputing Center |
| 9.40-10.00 | O3/VOC modelling exercise - preliminary results | Joanna Struzewska | IOS-PIB / TFMM |

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| 10:00-10:20 | Status and preliminary results from the VOC intensive measurement periods in 2022 and 2024 | Wenche Aas | NILU / CCC |
| 10:20-10:50 | | COFFEE BREAK | |
| Short and long term transboundary contributions | | | |
| 10:50-11:10 | Overview of CAMS global activities – long range transport context | tbc | ECMWF |
| 11:10-11:30 | Assessment of transboundary contributions to PM in European cities using different models and source attribution methods | Renske Timmermans et al. | TNO / ... |
| 11:30-11:50 | | Laurent Poulain | Leibniz Institute for Tropospheric Research (TROPOS) |
| 11:50-12:10 | Towards a globally nested EMEP4UK model | Damaris Tan | UK CEH/University of Edinburgh |
| 12:10-12:30 | Southeast Asia forest fires: their impact on Malaysia's air quality today and in the future | Janice Scheffler | UK CEH |
| 12:30-12:50 | Annual vs. short-term transboundary contributions to air pollutant concentrations in Poland | Aleksander Norowski | IOS-PIB |
| 12:50-13:00 | Q&A | | |
| 13:00-14:00 | | LUNCH | |
| Country Update | | | |
| 14:00-14:15 | A Model Intercomparison Study: EMEP MSC-W and EMEP4UK-WRF Application Over the UK (June–July 2022) | Massimo Vieno | UK CEH |
| 14:15-14:30 | | Gábor/Indra Hidalgo | MITECO |
| 14:30-14:45 | | Tuukka Petäjä | ACTRIS ERIC / University of Helsinki |
| 14:45-15:00 | Retrospective modeling of the impact of climate change on emissions and air quality for the last decades | Florian Couvidat | INERIS |
| 15:00-15:15 | EMEP4UK modelled changes in atmospheric composition in the UK from 1960 until present day | Tomas Liska | UK CEH |
| 15:15-15:30 | Modelling and measurements efforts to improve assessment of biogenic and biomass burning emissions on urban air quality | Mihaela Mircea | ENEA |
| 15:30-16:00 | | COFFEE BREAK | |
| TFMM workplan | | | |
| 16:00-16:45 | Implementation of the 2024-2025 workplan. Proposals for the 2026-2027 workplan | Joanna Struzewska/Paolo Laj | IOS-PIB / WMO |
| 16:45-17:00 | Summary of the meeting | Joanna Struzewska/Paolo Laj | IOS-PIB / WMO |
| 17.00 End of the meeting | | | |

7th May Agenda

Joint session: TF HTAP and TFMM: Regional modelling of GAINS LRTAP scenarios in support of the revision of the Gothenburg Protocol

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| 9.00-9.30 | Welcome and introduction to the session | Tim Butler | TFHTAP |
| 9.30-10.00 | GAINS LRTAP emission scenarios for the revision of the Gothenburg Protocol | Zig Klimont | CIAM |
| 10.00-10.30 | Results from HTAP2 regional modelling and questions for HTAP3 | Terry Keating | TFHTAP |
| 10:30-11:00 | | COFFEE BREAK | |
| 11.00-11.30 | MSC-West modelling using the GAINS LRTAP scenarios and outlook for the revision of the Gothenburg Protocol | Hilde Fagerli | MSC-West |
| 11.30-12.30 | Open discussion on ensemble regional modelling of GAINS LRTAP scenarios in support of the revision of the Gothenburg Protocol | | |
| 12.30-13.00 | Open discussion on potential future areas of collaboration between TFMM and TFHTAP | | |
| 13.00 End of the TF HTAP - TFMM joint session | | | |