

26th EMEP Task Force on Measurements and Modelling Meeting

Potsdam, 5-7 May 2025 (version 4.05.25)

5 th May Agenda			
10.20-10.40		Registration/coffee	
10.40-10.50	Welcome	tbc	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	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
15:00-15:40	Supersites in FI	Tuukka Petäjä	FI
	Supersites in ES	Gadorindra Hidalgo	ES
	Supersites in CH	Christoph Hüglin	CH
	Supersites in PL	Magdalena Brodowska	PL
	Supersites in CZ	Adéla Holubová	CZ
	Supersites in AT	Iris Buxbaum/Wolfgang Spangl	AT
	Supersites in FR	Aude Bourin	FR
	Supersites in DE	Julian Rüdiger	DE
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	Viktorija 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	Assessment of the reported EMEP EC/BC emissions using EMEP WSC-W modelling and EC/eBC observations	Svetlana Tsyro	Met.no / MSC-West
17:30-17:45	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/g7esMWR4RWFP4eq5	

6 th May Agenda			
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

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	Influence of long-range transport on the change of aerosol chemical composition and organic aerosol sources over the last 10-year at Melpitz, Germany	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	Update of the Eurocarb-BaP modelling exercise	Marta Garcia Vivanco	CIEMAT
14:30-14:45	Retrospective modeling of the impact of climate change on emissions and air quality for the last decades	Florian Couvidat	INERIS
14.45-15:00	EMEP4UK modelled changes in atmospheric composition in the UK from 1960 until present day	Tomas Liska	UK CEH
15:00-15:15	Modelling and measurements efforts to improve assessment of biogenic and biomass burning emissions on urban air quality	Mihaela Mircea	ENEA
15:15-15:30	Q&A		
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

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			