



Agenda for the Joint TFEIP/EIONET Meeting (11th – 12th May)

Milan, Italy

Hosted by:

The EU's Joint Research Centre, Regione Lombardia, and ARPA Lombardia

Venue:

Palazzo Lombardia
Milan

Meeting Objectives:

- 1) Provide a forum for discussion between emission inventory compilers, especially through the expert panels;
- 2) Continue to collate information on new and improved methods for estimating air quality pollutant emissions to air;
- 3) Agree ways in which communications can be improved - both within the emissions inventory community, and with other stakeholder groups.
- 4) Propose items for the TFEIP workplan, and seek ways of resourcing the workplan.



TFEIP/EIONET Annual Meeting: Day 1

	Monday 11th May
08:30	Registration
09:00	Session 1: Reporting Review & International Developments
	<p>The meeting will be opened by the Co-Chairs.</p> <p>Activities and Developments under the CLRTAP Alina Novikova (ECE Secretariat) Alina Novikova will provide an update from the ECE Secretariat on the work under the CLRTAP.</p> <p>TFEIP Contributions to the EMEP Executive and Steering Bodies Chris Dore (UK) Chris Dore will summarise recent output from the EMEP SB, CLRTAP EB, and the latest news on Adjustments.</p> <p>Activities of the European Commission and the NECD Marta Muñoz (European Commission) Marta Muñoz will provide an update on recent activities of the European Commission</p>
10:00	Welcome speeches
	<p>Claudia Terzi, Councillor for the Environment, Energy and Sustainable Development of Regione Lombardia</p> <p>Giovanni Federigo De Santi, Director of the Institute for Energy and Transport, European Commission - Joint Research Centre</p> <p>Elisabetta Angelino, Head of the Air Quality Modelling and Inventories Sector for Arpa Lombardia</p>
11:00	Session 1 (continued): Reporting Review & International Developments
	<p>An Update on Reporting under the CLRTAP Katarina Mareckova (CEIP) Katarina Mareckova will summarise the annual reporting under the CLRTAP.</p> <p>Comparison between Reporting under CLRTAP and Other International Conventions The Co-Chairs will briefly present international reporting under different Conventions, and the results will be discussed (particularly for POPs and metals).</p>
12:00	Session 2: The EMEP/EEA Guidebook Update Project
	<p>Introduction and Drivers Marta Muñoz (European Commission) Marta Muñoz will provide an introduction to this EC funded project.</p> <p>Scope of the Project Robert Stewart/J Webb (Ricardo-AEA) Mark will give an overview of the project timeline and scope. The project consists of four main tasks, which will be individually presented:</p> <ol style="list-style-type: none"> 1. Small-Scale Combustion: Scope and data sources 2. NRMM: Scope and data sources 3. Agriculture: Approaches to subtasks and data sources 4. Improving SO₂ and BC: Aims of the subtasks and data sources <p>Discussion led by the Co-Chairs.</p>
13:00	Lunch



14:00	Session 3: Meeting of TFEIP Expert Panels		
	Combustion & Industry Transport Agriculture & Nature	Panel Leaders Carlo Trozzi, Jeroen Kuenen Leon Ntziachristos, Biagio Ciuffo and Riccardo DeLauretis Nick Hutchings, Barbara Amon & Rainer Steinbrecher Coffee will be available during the course of the afternoon.	
	Combustion & Industry Introductions & news GB Update Presentations (Tasks 1, 2, 4) Discussion Feedback from JRC on Gridding Workshop Sources of H2S Party presentations	Transport Welcome and Progress Aviation emissions & planned work Current EC Work on Eco-Innovations Upcoming changes with COPERT 5 Status of the Guidebook Update Workplan for 2015-2016	Agriculture and Nature Welcome NH ₃ from fertilizer Integrating emissions from biogas production NO and N ₂ O Status of the Guidebook Update TFRN, EPMAN, EPNB & collaboration Workplan for 2015
17:00	Close of Day 1		
	Evening Dinner/Reception		

TFEIP/EIONET Annual Meeting: Day 2

	Tuesday 12th May		
09:00	Session 4: Inventory Innovation		
	ArcGIS Add-In for Gridding Emissions Including Point Sources in National Emissions Inventories Biomass Burning and Chemical Speciation Profiles	Kevin Hausmann (Germany) Kristina Saarinen (Finland) Fulvio Amato (IDAEA-CSIC)	
10:00	Session 5. The CLRTAP Review Process, EMEP Document on Condensibles		
	An Assessment of the existing Stages 1, 2 and 3 Reviews The Co-Chairs will present the draft findings of an assessment of the Stage 1, 2 and 3 review processes, before leading discussion.		
	EMEP Document on Condensibles A Condensibles paper is being drafted by EMEP for consideration at the Steering Body Meeting in September. The Co-chairs will lead discussion.		
11:00	Coffee		
11:30	Session 6: Projections Expert Panel		
	Panel Leaders Melanie Hobson, Nadine Allemand This agenda will be finalised and circulated in due course.		
13:00	Lunch		
14:00	Session 7: EIONET		
	Briefing from EEA on Recent and on-going Activities (EEA) The latest news on EEA and Eionet related activities.		
	'Projections in Hindsight' (EEA) A summary of a new EEA report assessing past emission projections reported by Member States under EU air pollution and greenhouse gas legislation		
	EU CLRTAP Emissions Inventory Compilation - Outstanding Issues (ETC/ACM) A short summary of reporting issues encountered in the compilation of the 2015 EU LRTAP Convention emission inventory.		
15:00	Coffee		
15:30	Session 8: Minutes and Formal Decisions (Plenary and Expert Panels)		
	The TFEIP Chairs will lead a review of the decisions made at the meeting, and will draft the meeting minutes. This session will also include feedback/input from each of the Expert Panel sessions.		
17:00	Close of Meeting		



Agenda for the TFEIP/US-EPA Workshop (13-14th May 2015)

Milan, Italy

Hosted by:

The US DoE, US-EPA

The EU's Joint Research Centre, Regione Lombardia, and ARPA Lombardia

Venue:

Palazzo Lombardia

Milan

Workshop Objectives:

- 1) Receive presentations on the topic of Black Carbon emissions, transport modelling, deposition and other impacts.
- 2) Provide a forum for discussion between a range of different technical stakeholder groups
- 3) Identify key next steps in technical cooperation on inventories, control technologies and application of decision support tools.

Workshop Format

At the end of each session, participants should identify any data gaps, potential areas of collaboration or future work. These ideas will inform the development of next steps in Session 9.



Improving BC Emission Estimates and Abatement: Day 1

	Wednesday 13th May
08:30	Registration
09:00	Opening of the Workshop Introductions <i>Purpose: Policy Context – LRTAP and Arctic Council: Sara Terry (USEPA)</i>
09:30	Session 1: Technical and Analytical Landscape – Kaarle Kupiainen (Finnish Environment Institute SYKE) <i>Purpose: Review current state of the science on black carbon and technical relevance within both LRTAP and Arctic Council, including Arctic Monitoring and Assessment Program</i>
10:15	Session 2: Modelling of Black Carbon Transport to the Arctic <i>Purpose: Communicate modelling results from the Arctic Black Carbon project</i> US Dept. of Energy (USDOE) Back Trajectory Modeling – John Storey (US DOE) Transport modelling and deposition of BC - Joshua Fu (University of Tennessee)
11:15	Coffee
11:45	Session 3 BC Emissions – Different Metrics <i>Purpose: Review of compositional, spatial, and temporal details with focus on improving common characterization of black carbon emission estimates.</i> BC/EC/OC EC Project/Guidebook update – Chris Dore (Aether) BC/EC/OC metrics, emissions and trends – Jeroen Kuenen (TNO) Russian Soot Measurement Methodologies – Irina Morozova (SRI Atmosphere)
12:45	Lunch
13:30	Session 4: Emission Technologies and Abatement <i>Purpose: Discuss PM control technologies and analysis of abatement effects on BC</i> Work of EGTEI/TFTEI on Black Carbon in the framework of LRTAP – Tiziano Pignatelli (ENEA) Global and regional black carbon mitigation opportunities – Zbigniew Klimont (IIASA) Black Carbon in the atmosphere. Some views from an electricity company – Eric Joos (EDF R&D) Pilot modelling of transport and deposition of black carbon – Irina Morozova (SRI Atmosphere)
14:30	Coffee
15:00	Session 5: Analytical Methods for Estimating and Reducing Regional Black Carbon <i>Purpose: To illustrate analytical methods for determining effective BC control strategies</i> Applied scenario analysis (USDOE Data visualization tool and emission calculator) – John Storey (US DOE) Black Carbon Emissions from Diesel Sources in Murmansk Region (with extrapolation Russia-wide) – Vladimir Malyshev & Evgenii Gusev (MSTU)



	Norway's knowledge platform on SLCFs – holistic thinking and multiple benefits for climate change and air quality – Vigdis Vestreng & Maria Malene Kvalevåg (Norwegian Environment Agency)
16:00	<p>Session 6: Facilitated Discussion</p> <p><i>Purpose: Open discussion of how technical developments outlined in Sessions 1-5 could inform key next steps within LRTAP and Arctic Council.</i></p> <p>Linking science, technology, abatement and emissions</p>
17:00	Close of Day 1

Improving BC Emission Estimates and Abatement: Day 2

	Thursday 14th May
09:00	<p>Session 7: BC Emissions – Latest Estimates (and Projections?)</p> <p><i>Purpose: Understand how BC inventories have been developed in different contexts and outline key lessons learned.</i></p> <p>Reporting under the CLRTAP – Chris Dore (Aether)</p> <p>Update on the Nordic SLCP project – Ole-Kenneth Nielsen (Aarhus University)</p> <p>USEPA Emissions inventory – Lee Tooty (USEPA)</p> <p>Recent Russian BC Emissions Inventory – Irina Morozova (SRI Atmosphere)</p> <p>Discussion and Guidebook update implications</p>
11:00	Coffee
11:30	<p>Session 8: Oil and Gas Sector Example</p> <p><i>Purpose: Understand BC inventory development for a key emission sector and control program options</i></p> <p>Black carbon emissions from flaring: Status, challenges and way forward – Torleif Haugland (Carbon Limits)</p> <p>Black carbon emissions measurement – field experience – TBC</p> <p>Mitigation of black carbon emissions from gas flaring – TBC</p>
12:30	<p>Conclusions/Actions/Next Steps</p> <p>The co-chairs will compile priority actions that can be taken forward.</p> <p>Compile and discussion actions from each session for technical work and collaborations</p>
13:00	Close of the Workshop