



**18th JOINT EIONET AND UNECE TASK FORCE ON EMISSION
INVENTORIES AND PROJECTIONS MEETING**
25th Anniversary of the TFEIP

WORKSHOP ON UNCERTAINTIES & QA/QC:
10th May 2017

MAIN TFEIP/EIONET MEETING:
11th-12th May 2017

*Venue: Center of Energy, AGH University of Science and Technology, Krakow,
Poland*

*With thanks to our sponsors, AGH University of Science and Technology, the
Norwegian Environment Agency and the Municipality of Krakow*

Meeting Objectives:

- 1) Promote outreach activities that support countries in improving emissions estimates and reporting
- 2) Review best practice in emissions inventory QA/QC and consider how communicating uncertainties can be improved
- 3) Discuss the implications of changes to the emissions inventory review processes under the CLRTAP and NECD
- 4) Consider the next steps in resolving the PM filterable/condensables issue
- 5) Provide a forum for discussion between emission inventory compilers, especially through the expert panels;
- 6) Continue to collate information on new and improved methods for estimating air quality pollutant emissions to air;
- 7) Propose items for the EMEP 2018-2019 Workplan, and seek ways of resourcing the workplan.

Agenda for the TFEIP/EECCA Workshop (10th May 2017)

Krakow, Poland

Workshop Objectives:

- 1) Address the specific needs of EECCA countries
- 2) Discuss the generation and use of uncertainties in emission inventories
- 3) Discuss QA/QC methods and procedures to use in inventories

Workshop Draft Agenda: EECCA, Uncertainties and QA/QC

	Wednesday 10th May
08:30	Registration
09:00	Welcome Jozef Pacyna (NILU)
09:05	Workshop for EECCA Country Representatives
	Country representatives of EECCA countries are invited to attend the morning workshop. Discussion of barriers to inventory improvement in EECCA countries Best practice in gap-filling and recalculations Overview of EECCA submissions and progress in recent years (CEIP)
10:45	Coffee
11:15	Continuation of EECCA workshop
12:30	Lunch & afternoon registration
13:30	Introduction & welcome
13:35	Uncertainties Presentations and discussion around the generation and use of uncertainties in air pollutant emission estimates. Introduction and challenges of uncertainties – Chris Dore (UK) Calculation of uncertainties in the German inventory – Kevin Hausmann (UBA) Uncertainty evaluation in regional air quality management - Carlo Trozzi Uncertainties in the IIRs – Sabine Schindlbacher (CEIP) Discussion
15:00	Coffee
15:30	QA/QC Presentations and discussion around quality assurance and quality control procedures within air pollutant inventories. Introduction to QA/QC procedures – Chris Dore (UK) Recent improvements to QA/QC procedures in the UK inventory – Yvonne Pang (Ricardo Energy & Environment) Stage 1 & 2 checks of AQ inventories– Katarina Mareckova/Sabine Schindlbacher (CEIP) What can we learn from GHG QA/QC? A South Africa example – Rich Claxton & Kathryn Hampshire (Aether) Discussion
17:00	Close of the Workshop

Agenda for the TFEIP/EIONET Main Meeting (11-12th May 2017)

Krakow, Poland

TFEIP/EIONET Annual Meeting: Day 1

	Thursday 11th May	
08:30	Registration	
09:00	Introduction and Welcome Welcome from the Chairs Reflections on 25 years of TFEIP – Jozef Pacyna (NILU)	
09:15	Session 1: Reporting Review & International Developments	
	The meeting will be opened by the Co-Chairs. Activities and Developments under the CLRTAP The work of the UN/ECE Secretariat and others in the CLRTAP will be presented. 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 how this impacts on the work of the TFEIP. Activities of the European Commission and the NECD An update on recent activities of the European Commission will be provided Aligning reviews under NECD and CLRTAP – Chris Dore (UK) Update on 2017 NECD reviews - CEIP	
10:45	Coffee	
11:15	Session 1 (continued): Reporting Review & International Developments	
	An Update on Reporting under the CLRTAP Katarina Mareckova (CEIP) Katarina Mareckova will summarise the annual reporting under the CLRTAP, including information on the 2017 adjustment review, interactive data viewers, and the IIR awards. Updating the EMEP/EEA Guidebook Martin Adams (EEA) Martin Adams will present the plan for finalisation of the updated Guidebook chapters.	
12:00	Session 2: Projections Expert Panel	
	The Projections Expert Panel will meet in plenary (France)	Melanie Hobson (UK) Nadine Allemand
13:00	Lunch	
14:00	Session 3: Meeting of TFEIP Expert Panels	
	Combustion & Industry Carlo Trozzi, Jeroen Kuenen Guidebook Chapters <ul style="list-style-type: none"> Small combustion chapter - biomass residential combustion 'tier 1.5' Spatial distribution of residential emissions (JRC)	Transport Leon Ntziachristos, Biagio Ciuffo and Riccardo DeLauretis Guidebook Chapters <ul style="list-style-type: none"> Shipping improvement work – Yvonne Pang (Ricardo Energy & Environment)
		Agriculture and Nature Nick Hutchings, Barbara Amon & Rainer Steinbrecher Update on Guidebook methodologies <ul style="list-style-type: none"> NH3 from mineral fertilisers Growing crop and crop residues Indirect emissions Emissions from anaerobic digestion Emissions from manure management Ammonia emissions from AD in the UK and potential mitigations – Sam Tomlinson (CEH) & Mariana Ghosh (Defra)
17:00	Close of Day 1	
	Evening Dinner/Reception	

TFEIP/EIONET Annual Meeting: Day 2

	<i>Friday 12th May</i>
09:00	Session 4: New Science
	<p>National representatives will present the latest scientific developments in their emissions inventory programmes.</p> <p>Volkswagen emissions - Leonidas Ntziachristos (LAT)</p> <p>Progress in estimating PM emissions in UK – Rich Claxton (Aether)</p>
10:30	Coffee
11:00	Session 4 (continued): New Science
	<p>Continuation of new science presentations.</p> <p>New POP emissions factors from waste combustion and cremation – Kristina Juhrich (UBA)</p> <p>Horizon 2020: ClairCity – Carlo Trozzi (Techne)</p> <p>Filterable/condensable PM paper by Task Force on Measurements and Modelling – TFMM</p>
12:00	Lunch
13:30	Session 5: EIONET
	The work of the EIONET will be shown.
14:00	Session 6: Discussion Points
	The TFEIP Chairs will lead discussions on any outstanding issues raised through the meeting.
14:30	Coffee
15:00	Session 7: Minutes and Formal Decisions (Plenary and Expert Panels)
	<p>Feedback from Expert Panel sessions</p> <p>The TFEIP Chairs will lead a review of the decisions made at the meeting, and will draft the meeting minutes.</p>
16:00	Close of Meeting