

TFEIP Newsletter

Summer 2011



Just some of the meeting participants at the TFEIP/EIONET May 2011 meeting in Stockholm

Contents

Looking back – the 2011 TFEIP meeting

Summary of the meeting, including on black carbon, flexibility mechanisms and IIR award winners 2011!

page 3

2011 Stage 3 review

Countries reviewed and experts that took part in the 2011 Stage 3 expert review in Copenhagen

page 6

Russian version of the EMEP/EEA Guidebook

Update on the availability of the Guidebook's Russian version

page 7

International and EU news

European Commission's review of Air legislation and online consultation

page 7

TFEIP discussion forum

A reminder to register for the online forum

page 8

Looking ahead – forthcoming meetings

page 8

www.tfeip-secretariat.org/

unece.org/env/lrtap/

From the chairs

We hope that you are all enjoying the summer and are enjoying a well-earned summer break away from the world of emission inventories and projections!

This newsletter aims to keep you informed of several issues since the TFEIP's annual meeting in Stockholm a few months ago in May. For those of you unable to attend the meeting, you can find a summary of some of the various discussions in this newsletter together with links to the various meeting documents and conclusions.

The autumn months look as though they will be just as busy as past years. Not only does the annual inventory compilation cycle start in earnest in most countries during this time, but several other processes are occurring this year which might affect how we report inventories in the future – not least the discussions happening in various groups under the LRTAP Convention concerning the revision of the Gothenburg Protocol.

One of the ways in which TFEIP is supporting the revision is through an update of the 'Flexibility Mechanisms' paper that was discussed at our May meeting. You can find more details about this on page 5. We also encourage those of you who are national inventory compilers to discuss the potential future changes to inventory reporting/compliance with your national representatives participating in the Working Group on Strategies and Review (WGSR). The WGSR next meets in September (see Looking ahead – forthcoming meetings).

Finally, in addition to the annual meeting of the TFEIP, the co-chairs and expert panel leaders will also have a meeting in the autumn to cover planning and progress of our work-plan etc. If there is anything you would like raised at this planning meeting please let us know as we are always keen to hear from you. Do feel free to contact us if you have any questions, want to contribute, or pass on relevant information!

Chris Dore
chris.dore@aether-uk.com

Martin Adams
martin.adams@eea.europa.eu

Kristina Saarinen
kristina.saarinen@environment.fi

1 Looking back – the 2011 TFEIP meeting

The annual joint TFEIP/EIONET meeting was held in Stockholm, Sweden in early May 2011, followed afterwards by a technical workshop on Mapping & Gridding of emissions. Around 130 people attended the main meeting – making it one of the largest TFEIP meetings we've had in terms of participants. Both meetings were hosted by the Swedish Ministry of Environment and Swedish Environmental Protection Agency – who are again both warmly thanked!

The papers and presentations from the May meetings are available on the TFEIP website <http://www.tfeip-secretariat.org/meetings/>.

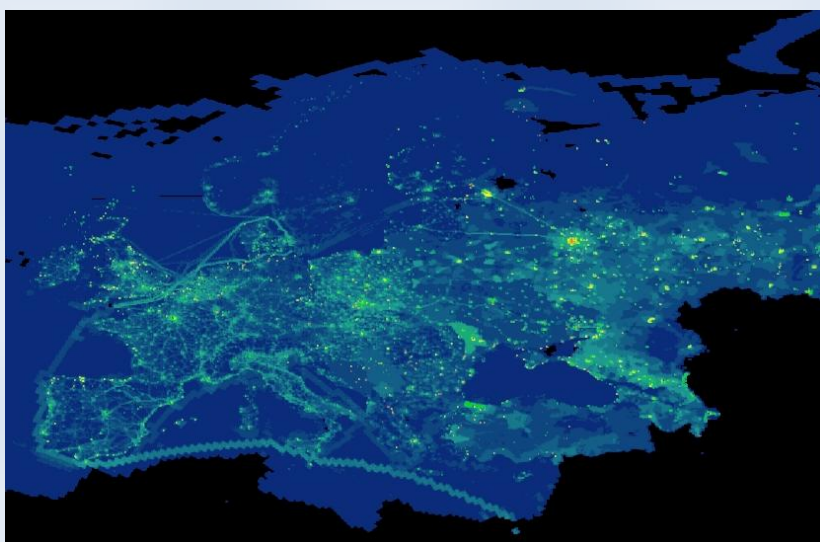
You can also find two sets of meeting conclusions:

1. a shorter '[formal](#)' version for submission to the EMEP Steering Body, and
2. a more '[informal](#)' version that includes more detail of the various technical discussions held.

Key points from the meeting

Black carbon

Black carbon (BC) has been steadily moving up the political agenda over the past couple of years. Parties to the LRTAP Convention for example agreed in December 2010 to include BC in the revision of the Gothenburg Protocol as a component of particular matter. Reflecting these developments, the TFEIP meeting included specific sessions on the latest research and emission of estimates of both BC and PM – with a particular focus on emissions from wood combustion in the residential sector.



European-scale inventory estimates for BC (GAINS-Zig Klimont, EDGAR-Greet Manhout, and TNO/IIASA/Stockholm Univ. – Jeroen Kuenen) were presented, including some detailed emission maps (e.g. left).

Spatial disaggregation of elemental carbon (EC) 2.5-10 µm emissions.
From the [TNO-Stockholm University –IIASA presentation](#).

Work from Denmark presented by Ole-Kenneth Nielsen highlighted some of the inherent uncertainties involved with PM [and BC] estimates from residential wood combustion, which include the high uncertainty of EFs, and the implications of operating conditions, technologies and different measurement methods. Despite such uncertainties, several countries have developed detailed inventory estimates of BC, examples of which were presented by Morten Winther (Denmark) and Niko Karvosenoja (Finland).

Andre Zuber (EU) also explained the current plans and the work programme for the Task Force on Hemispheric Transport of Air Pollutants (TFHTAP), and in particular their new work on BC, and invited contributions to future work from the TFEIP.

While it seems quite unlikely at this stage that BC will be included within the pollutants having national ceilings in a new revised Gothenburg Protocol, it is feasible that Parties will agree to the need for some level of BC emissions reporting. A possible task of the TFEIP and the expert panels may therefore well be to review available information and update the relevant EMEP/EEA Guidebook chapters with information to allow BC emissions to be estimated and reported in the future.

Informative Inventory Reports – awards

The TFEIP continues to stress the importance of providing informative inventory reports (IIRs) together with emission inventory submissions. At the May meeting, we again had a presentation focussed on IIRs to: show good practise, to encourage parties to improve the general quality of the IIRs, and explain what the reviewers are looking for during the Stage 3 annual reviews.

Continuing the now long-standing annual tradition (well, it started last year at least...), Justin Goodwin (ETC/ACM) again reviewed the IIRs and presented awards across various categories. You can find Justin's summary presentation [here](#).

The winners, (with links to their IIRs), were:

- most comprehensive IIR [Finland](#),
- most innovative/most improved IIR [Estonia](#),
- best looking IIR [Austria](#)
- and best small country IIR [Croatia](#) and [Switzerland](#).



IIR award representatives 2011 (left to right):

Mirela Poljanac (Croatia); Justin Goodwin (ETC/ACM), Sophie Hoehn (Switzerland), Stephan Poupá (Austria), Chris Dore (TFEIP chair); Kristina Saarinen (Finland) and Elo Mandel (Estonia)

While of course light-hearted in nature, an important observation from the awards exercise was that the quality of submitted IIRs is increasing. However the number of IIRs submitted remains largely constant. We invite those Parties not reporting an IIR to informally discuss the reasons with the TFEIP Co-chairs so we can help to identify any barriers and try to identify how we might best provide support.



Two of the inventory teams that received 2011 IIR awards:
Estonia – left; Switzerland – right.

Quote from a 2010 prize-winner

“We were feeling mighty proud. Of course the prospect of winning more and other awards puts a lot of pressure on our team ;-)” - Netherlands

Flexibility mechanisms

A [background paper](#) for the TFEIP meeting presented information to participants on various options being considered in the revision of the Gothenburg protocol to provide Parties with a degree of ‘flexibility’ in terms of future compliance with ceilings e.g. to take into account possible instances where following agreement of national emission ceilings:

- significant new sources are found;
- future technologies don’t deliver the degree of emission reductions foreseen.

Andre Zuber (EU) provided an introductory overview on the present discussions in the WGSR on the inclusion of flexibility mechanisms in the revision of the Gothenburg Protocol, and explained the current proposals from the European Union. Chris Dore also provided a description of the different flexibility mechanisms outlined in the background paper, which was followed by a good discussion from participants. You can find a summary of the various topics of discussion made in the [‘informal’](#) version of the meeting conclusions

As a conclusion, it was agreed that an Ad-Hoc group would be formed to take forward the consideration of flexibility mechanisms. The aim is to provide an updated report that will contribute to the work being undertaken by the EMEP Steering Body and WGSR.

Experts from the following Parties have volunteered to contribute to the work of the Ad-Hoc group: France, Germany, Ireland, Netherlands, Spain, the United Kingdom and the European Union (European Commission). The updated paper is in the process of being finalised, and will be made available on the TFEIP website soon.

Expert panel sessions

Minutes and presentations from each of the expert panel sessions can be found at 'meetings' under the relevant webpages of each expert panel - see <http://www.tfeip-secretariat.org/expert-panels/> We also thanked Julio Lumbreras (Spain), the out-going co-chair of the Projections Expert Panel, for his past contributions to the TFEIP.

2 2011 Stage 3 review



CEIP (Centre on Emissions and Projections) once again organised the annual Stage 3 Reviews held in late June. The meeting of the expert review teams was hosted by the EEA in Copenhagen.

The Parties reviewed in 2011 were:

- | | | |
|-----------|--------------------|------------------|
| ▲ Belarus | ▲ Croatia | ▲ Czech Republic |
| ▲ Estonia | ▲ FYR of Macedonia | ▲ Greece |
| ▲ Iceland | ▲ Luxembourg | ▲ Slovenia |
| ▲ Ukraine | | |

We would especially like to thank the following expert reviewers who participated in the review: Kevin Hausmann (DE) and Kristina Saarinen (FI) (lead reviewers); Anne Wagner (EU), Emilia Hanley (IE), Giorgios Melios (EU), Intars Cakaras (LV), Ioannis Sempos (GR), Jim Webb (UK), Julien Vincent (FR), Kees Peek (NL), Nina Holmengen (NO), Michael Kotzulla (DE), Nadine Allemand (FR), Romain Joya (FR), Sebastian Plickert (DE), Sophie Hoehn (CH), Valentina Idrissova (KZ) John van Aardenne (EU); and trainees Andrijana Veljanoska (MK), Magdalena Trajkovska Trpevska (MK) and Nebojsa Redzic (RS).

The final review reports for the reviewed countries will be posted on the CEIP website [here](#) over the coming months once they are finalised.

If you want to register as an expert reviewer, then it's very simple - there is a [form](#) to complete on the CEIP website. This should be filled in and forwarded by your national CLRTAP representative to the [UNECE secretariat](#) and [CEIP](#). For any questions or further information on becoming a reviewer, please contact [CEIP](#).



As always (!), Copenhagen had some great sunny weather for the week-long visit of the review team. It was only on Saturday, after the meeting, that a storm of 150 mm rain and more than 6000 lightning strikes over 2-3 hours caused wide-spread flooding across the city, including to the EEA's canteen which is now closed for a thorough cleaning and renovation.

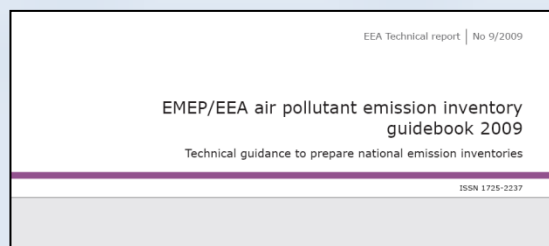
Copenhagen – flooding across the city the day after the Stg 3 review meeting.

Picture – Politiken.

3 Russian version of the EMEP/EEA Guidebook

Руководство ЕМЕП/ЕАОС по инвентаризации выбросов 2009

A series of draft chapters have recently been received from SRI Atmosphere (St Petersburg, RU) who have been performing a translation into Russian of all the EMEP/EEA Guidebook chapters. This work has been made possible with the kind financial support of Norway.



If you are interested in assisting with the final quality checking of any of the Russian-language chapters please contact [Martin Adams](#) at EEA. Once they are finalised over the coming months, the chapters will be published on the EEA's website alongside the English version of the Guidebook.

4 International and EU news

The European Commission has recently launched a comprehensive [review of its air policy](#), building on the 2005 Thematic Strategy on Air Pollution and Clean Air for Europe (CAFE) initiative and including the National Emission Ceilings Directive (NECD).

As part of the EU review's consultation process, an online **public consultation on EU air quality legislation** is occurring. The Commission has invited interested parties to share their views on the best way to improve the EU's air quality legislation. The online questionnaire mainly focuses on Directive 2008/50/EC on ambient air quality and cleaner air for Europe and Directive 2004/107/EC relating to arsenic, cadmium, mercury, nickel and polyaromatic hydrocarbons in ambient air. It is divided into two parts – a short questionnaire for the general public and a longer section for experts from national administrations, regional or local authorities, researchers and businesses, etc. who may be involved with the implementation of EU air quality legislation.

The consultation is open until 30 September. If you are interested in participating in the public consultation you can find it [here](#).

5 TFEIP discussion forum

A reminder that we encourage you to sign up to the TFEIP's online discussion forum at <http://www.tfeip-secretariat.org/forums/>. You can receive automatic notification of any new posts via the RSS feed – which e.g. can be managed with email programmes such as Microsoft Outlook so any new postings are delivered to you in an Outlook folder. Feel free to post any questions (and answers!) concerning emission inventories, projections etc. Notifications of any corrections made to EMEP/EEA Guidebook chapters are also posted on the forum. The more active users the forum has, the more it is likely to become a more useful tool in the future!

6 Looking ahead – forthcoming meetings

The meeting location for the TFEIP's 2012 spring meeting will be announced in the autumn newsletter. In any case, please already let us know if there are specific items or themes you think it would be useful to include on the agenda. The next meeting will be the 20th anniversary since the first meeting of the original Task Force on Emission Inventories (TFEI) which was held in London. We hope to mark the anniversary in an appropriate fashion!

A. UNECE CLRTAP meetings

EMEP Steering Body (EMEP SB): 05-07 September 2011



Co-operative programme for monitoring and evaluation of the long-range transmissions of air pollutants in Europe

The EMEP SB is the TFEIP's parent body, and a copy of our meeting report and annual workplan will be tabled at the meeting for endorsement by the SB.

Agenda and documents: http://live.unece.org/env/lrtap/emep/emep35_docs.html

~~~~ ~~~~

#### **Working Group on Strategies and Review (WGSR): 12-16 September 2011**

The WGSR is the principal negotiating body for the Convention, covering a range of policy-orientated issues. A main focus of discussion at the next meeting will be on-going revision to the Gothenburg Convention. Agenda and documents:

<http://live.unece.org/env/lrtap/workinggroups/wgs/docs49thsession.html>

~~~~ ~~~~

EGTEI Expert Group on Techno-Economic Issues (EGTEI)

11 October 2011 – Paris and 21-22 November 2011 – Warsaw

More information: http://www.citepa.org/forums/egtei/egtei_meetings.htm

~~~~ ~~~~

## B. General meetings

**Air Pollution 2011** - 19th International Conference on Modelling, Monitoring and Management of Air Pollution. 19 - 21 September 2011 , Malta

<http://www.wessex.ac.uk/11-conferences/airpollution-2011.html>



~~~~ ~~~~

EEA workshop: GMES services and emission inventories. 10-11 October 2011, Copenhagen Denmark.



Wondered what GMES is all about, and how it might affect emission inventory development in the future? GMES (Global Monitoring for Environment and Security) is the European Earth Observation Program for the implementation of information services set up to support EU environmental policy and security. This workshop aims to explore current and potential links between future GMES services and air pollutants and greenhouse gases emission inventory compilation from two perspectives:

1. Emission inventories as input to GMES services
2. Using GMES data in emission inventory compilation

See meeting announcement and registration at

<http://www.eionet.europa.eu/events/GMES%20workshop/>

~~~~ ~~~~

*If you would like to publicise details of your forthcoming relevant meetings or workshops in the next TFEIP newsletter, you are welcome to email the Chairs with information.*

*Legal notice.*

*The contents of this publication do not necessarily reflect the official opinions of the UNECE, the European Commission or other institutions of the European Union. No responsibility is accepted for any use of the information contained in this report.*