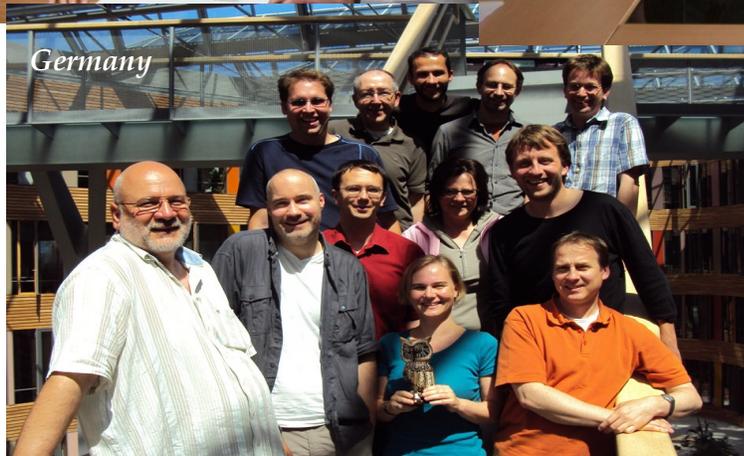


TFEIP Newsletter: Autumn 2010



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1 Comments from the Chairs

We hope this newsletter finds you well. As the TFEIP now only meets annually, as in 2009 we are circulating this newsletter at this time to keep people informed with what is happening in the world of the TFEIP and emission inventories in general.

We are always keen to hear from you. So please feel free to contact any of the co-chairs or expert panel leaders if you have any questions, want to contribute, or pass on relevant information. We are particularly keen to hear what you think of our annual meeting. It's important that we get it right because we only get one chance each year.

As many of you know, we will be meeting in Stockholm in May for our 2011 annual meeting (more details included below). However in addition to that, the TFEIP co-chairs and expert panels leaders now have a regular meeting in the Autumn to cover planning and progress etc. We met recently in Brussels, and had the chance to catch up on a number of things covered in this newsletter.

We wish you all the best with your on-going inventory compilations, and hopefully we'll see you in Stockholm next year.

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2 2010 TFEIP Meeting (Larnaca, Cyprus)

Our annual TFEIP meeting was held in Larnaca, Cyprus in May, and a joint workshop with the TFMM (Taskforce on Measurements and Modelling) followed immediately afterwards. All of the meeting papers and presentations are on the TFEIP website:

<http://tfeip-secretariat.org> but here is a very short overview of the meeting.

Our hosts (Cyprus Ministry of Labour and Social Insurance) had arranged a nice venue, with some marvellous weather.

2.1 Presentations

Sonja Vidic (EMEP Chair) gave a presentation on the work being undertaken across EMEP, and encouraged national representatives to support the various activities being driven forward by LRTAP/EMEP. One example is the newly formed Ad Hoc Expert Group on Black Carbon.

We are continuing to encourage participation and improved reporting from countries in the eastern UNECE region. To support this, the Guidebook is being translated into Russian, and a list of sectors in Russian is available.

2.2 Informative Inventory Reports

We held a session 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.

Justin Goodwin (ETC/ACC) gave out some awards for the best IIRs. For those of you who missed the excitement, there are pictures of the winning teams on the front of this report, and a full write up on the CEIP website (<http://www.ceip.at/submissions-under-clrtap/2010-submissions/>).

The winners, with links to their IIRs, were:

Most comprehensive IIR, France: http://webdab1.umweltbundesamt.at/download/submissions2010/FR_IIR2010.zip

Best looking IIR, Netherlands: http://webdab1.umweltbundesamt.at/download/submissions2010/NL_IIR2010.zip

Most innovative IIR, Germany: <http://iir.umweltbundesamt.de/>

Best small countries IIR:

Croatia: http://webdab1.umweltbundesamt.at/download/submissions2010/HR_IIR2010.zip

Cyprus: http://webdab1.umweltbundesamt.at/download/submissions2010/CY_IIR2010.zip

So if you've been working hard to improve your IIR that was submitted with the 2008 dataset earlier this year, then you might be picking up an award when we meet in Stockholm.

2.3 Stockholm in 2011

Our thanks to the Swedish EPA who have agreed to host us next year in Stockholm. The dates are 2nd-4th May. This will be for a two day TFEIP meeting, and a one day capacity-building workshop on mapping/gridding emission estimates and reporting of large point sources (LPS). Both gridded emissions and LPS data should be reported by Parties in 2012

and so the workshop is aimed at supporting Parties to meet these reporting obligations. We may decide to hold the workshop on Monday, with the TFEIP meeting on the Tuesday and Wednesday.

If you have a topic that you would like to give a presentation on at the TFEIP meeting, then do please get in touch.

3 2010 Stage 3 Review



CEIP (Centre on Emissions and Projections) organised the annual Stage 3 Reviews across the summer. The meeting of the expert reviewers was hosted by the EEA. Our thanks to both Katarina Mareckova and Martin Adams. The following countries were reviewed: Austria, Cyprus, Germany, Italy, Netherlands, Romania, Russian Federation, Slovakia, Switzerland and the United Kingdom.

A number of interesting points arose from the review.

- There were several examples of detailed emission estimates which were not well explained or presented in the IIRs. It's very difficult for the review team to assess a methodology if it isn't fully explained in the IIR. So, it's important to invest some time in writing the IIR's, and to include tables of emission factors and activity data. This makes everything transparent.
- Not all countries presented uncertainty analyses. Many had very little explanation of how the uncertainty analysis was used to target improvement in the inventory.
- We still have quite a few examples of notation keys which are not being used correctly, or not explained when they are used. It is usually simple to fix these issues.
- There were a number of examples of good practise. The review team commented on how good the Austrian inventory was, and in particular their IIR.

We would like to thank the following expert reviewers:

Justin Goodwin (EU), Chris Dore (UK), Jean-Pierre Chang (FRA), Rocio Condor (ITA), Emilia Hanley (IRL), Kevin Hausmann (GER), Sophie Hoehn (CH), Nina Holmengen (NO), Valentina Idrissova (KZ), Romain Joya (FRA), Traute Kother (AUT), Michael Kotzulla (GER), Kees Peek (NL), Laetitia Serveau (FRA), Dusan Vacha (CZ).

If you want to register as an expert reviewer, then it's very simple- there is a form to fill in on the CEIP website (http://www.ceip.at/fileadmin/inhalte/emep/review/Nomination_template.doc). You will also be able to find the finalised Stage 3 review reports for each country once they are finalised. Feedback tells us that those participating as both reviewer or reviewee consider it valuable experience!

4 A New TFEIP Website

The TFEIP website has been completely redesigned and updated. Improvements are still being made but you can find the new site at: <http://www.tfeip-secretariat.org/>

We now have a discussion forum, much clearer links to the expert panels, and a new “look”. Our thanks to the EEA for funding the update. We would encourage you to sign up to the new online discussion forum. Feel free to post questions (and answers!) concerning emission inventories, projections etc. The more users the forum has, the more it is likely to become a more useful tool in the future.

5 Tools: Copert4 Update, EF Library and a Reporting Formats Converter

An updated version of COPERT4 will be released soon. A main feature of the updated version is the incorporation of updated NOx emission factors for late EURO standard vehicles – especially HDVs. This reflects recent research work that has found emissions from such vehicles can be significantly higher under certain driving conditions than originally foreseen. The new version will be available from the COPERT website (<http://at.eng.auth.gr/copert/>); a mail to COPERT users will be sent when the new version is available for download.



Finnish Environment Institute SYKE has developed an Air Pollutant Emission Factor Library that collects emission factors from guidebooks, national inventory reports and the literature. You can find it here: www.apef-library.fi

It's a very helpful resource, that already includes the EFs from the Guidebook and from some IIRs. To improve the contents of the Library, we encourage you to send country specific emission factors to be uploaded to the database. This can be done by filling in the MsExcel sheet or the Data Input on the website, and you can also contact SYKE through the website, in case of questions.

SYKE and Estonian Environment Information Centre have compiled a spreadsheet presented at the last TFEIP meeting and that provides a mapping between different reporting formats (NFR, SNAP, E-PRTR, NACE...). That will be useful for lots of people! The spreadsheet will go out on the CEIP website soon: <http://www.ceip.at/>

6 International News

6.1 EMEP Steering Body and EU NEC Directive Reporting Meeting

There were some interesting discussions coming out of the recent EMEP Steering Body meeting in September. The report of the meeting is available on the CLRTAP website: <http://www.unece.org/env/documents/2010/eb/ge1/EMEP%2034th/ece.eb.air.ge.1.2010.2.e.pdf>

We presented the work from the TFEIP, and the Guidebook Maintenance and Improvement plan was formally accepted. This plan also includes technical areas that our expert panels would like to improve in the guidebook, but don't have the funding. So if you are planning any work in the following areas, then please do get in touch:

Combustion and Industry Expert Panel

- Solvent Use (3D)
- Small Combustion (1.A.4)
- PM Emissions from Fugitive Emissions
- Manufacturing Industries and Construction

Agriculture and Nature Expert Panel

- NMVOC Emissions From Manure Management Systems (4B).

We are trying to link up with the work done at the national level much more, to improve the way such initiatives can also potentially feed into improving the Guidebook.

The TFEIP was asked to present a special session on emissions at next year's Steering Body meeting in September. There are lots of interesting things that we can show, and we are planning already! Just drop us a line if you have any suggestions.

Similar points were discussed in a recent European Union Comitology meeting on reporting under the NEC Directive. Amongst other issues, a lot of support was expressed by EU Member States for the Stage 3 review process- but more reviewers are still needed to make the review process more efficient (see Section 3). Another focus of the meeting was on the issue of completeness, where MS were encouraged to review their use of notation keys – in particular Not Estimated – NE, and provide values wherever possible.

As you will know, the future will bring changes to the Gothenburg Protocol (and the NEC Directive in a few years). We have already been asked to provide technical support on issues around the updates, so we can expect to be busy in the future. It's also clear that black carbon will be receiving more attention going forward, although there are no plans to include it in the Guidebook yet. The draft report from the LRTAP Ad Hoc Expert Group on Black Carbon (to be discussed by the Convention's Executive Body at the end of 2010) contains a number of potential actions for consideration by the EB: <http://www.unece.org/env/documents/2010/eb/eb/ece.eb.air.2010.7.e.pdf>

Several of these do touch upon reporting and emission inventories, and so we continue to monitor the BC developments within CLRTAP.

6.2 FAIRMODE SG3 Background Document

The Forum for Air Quality Modelling in Europe (FAIRMODE) is an EU-wide Air Quality Modelling Network in support to the implementation of the new EU Air Quality Directive, (AQD). Detailed information can be found on the FAIRMODE website:

<http://fairmode.europa.eu/>.

FAIRMODE has set up two Work Groups (WGs), the first of which (WG1) is lead by EEA's European Topic Centre on Air and Climate Change (ETC-ACC) and focuses on the development of a Guidance Document on best modelling practices. See:

http://fairmode.europa.eu/foi404948/guidance-document/Model_guidance_document_v6_1.pdf.

A second WG, lead by JRC, will deal with QA/QC issues and will develop protocols and tools to assess the quality of air quality models used in the scope of the AQD. One of the sub-Groups (SG3) is devoted to the emission data needed to support these modelling applications, in particular at the urban scale. SG3 has drafted a background, see:

http://fairmode.europa.eu/foi568175/work-groups/foi404948/sg3_background_document_oct10_draft.pdf

This draft is intended to foster the discussion between FAIRMODE and the emissions community- contributions through the TFEIP or individuals are welcome. Please feel free to register at the FAIRMODE website or send your views to either Julio Lumberas jlumberas@etsii.upm.es or Rafael Borge, rborge@etsii.upm.es co-leaders of the SG3.

6.3 EGTEI Reports

The reports prepared by the EGTEI subgroup on small combustion installations are now available on the web:

Options for limit values for emissions of dust from small combustion installations < 50 MWth: <http://www.citepa.org/forums/egtei/Options%20for%20PM%20ELVs%20for%20SCI%20%20final.pdf>

Overview on Technologies for Biomass Combustion and Emission Levels of Particulate Matter: http://www.citepa.org/forums/egtei/Nussbaumer_EGTEI-Report_final.pdf

6.4 Joint EEA JRC Workshop on Estimating and Reporting Uncertainty for the Road Transport Sector

The European Environment Agency (EEA), together with the European Commission's Joint Research Centre (JRC), is hosting a workshop on 18th November in Copenhagen looking at uncertainties in the estimation and reporting of emissions from the road transport sector. The workshop is for compilers of national road transport GHG and air pollutant emission inventories as well as road transport emission modellers.

Specific objectives of the workshop include:

- Understanding how uncertainty should be considered and reported under EU & international GHG and air pollutant reporting requirements;

- Identifying areas where more can be done to reduce uncertainty, both in methods and in activity data;
- Hearing best practice examples of quantifying uncertainty in existing road transport emission inventories;
- Implications of model and data revisions for policy-makers.

Further information and registration are available on the workshop website:

<http://www.eionet.europa.eu/events/transport%20uncertainties/>

7 Looking Ahead

We're sure most of you will be busy with inventory compilation across the next few months. We hope that goes well (remember to include explanations for all of your notation keys in the NFR templates! and invest some time in your IIRs).

We have already started planning and getting things ready for Stockholm in May. Please let us know if there are specific items you think it would be valuable to include on the agenda. Hopefully we'll see you there!



Stockholm, Sweden.