New EMEP/EEA Guidebook Published

We are pleased to announce that the 2019 version of the EMEP/EEA Air Pollutant Emission Inventory Guidebook has been published at: [https://www.eea.europa.eu/publications/emep-eea-guidebook-2019](https://www.eea.europa.eu/publications/emep-eea-guidebook-2019). The new Guidebook is also accompanied by an updated online emission factor database, available via the same link.

What is new?
The main updates in the 2019 Guidebook version occur across the following chapters (some further details of updates are available in the online revision log):

- **General guidance chapters**: updates of inventory good practice guidance to align with the 2019 refinement of the 2006 IPCC Greenhouse Gas Guidelines; inclusion of detailed sector projections guidance based on a separate European Commission DG Environment funded project;

- **Energy**
  - 1.A.1 Energy industries
  - 1.A.3.b Road transport
  - 1.A.3.b.v Gasoline evaporation
  - 1.A.4 Small combustion
  - 1.B.2.c Venting and flaring

- **Industrial Processes and Product Use**
  - 2.A.5.a Quarrying and mining of minerals other than coal
  - 2.D.3.i and 2.G Other solvent and product use

- **Agriculture and Waste**
  - 3.B Manure management
  - 3.D Agricultural soils
  - 3.D.f and 3.I Use of pesticides and limestone
  - 5.B.2 Anaerobic digestion at biogas facilities

- **Two new Excel software tools are also available on the guidebook website for the following sectors:**
  - 2.A.5.a Quarrying and mining of minerals other than coal
  - 3. Agriculture: to support emission estimation from manure management following the N-flow (relevant to 3B, and elements of 3D and 5.B.2 sectors)

Minor Corrections to the Agricultural Tool and Agriculture Guidebook Chapters

Some minor corrections need to be made to the Agriculture Guidebook Chapters (and associated tool). So they have been temporarily removed from the guidebook website. We expect the tool and the chapters to be available and back online by the end of January. We will circulate information when these resources are back on the website.

Reporting emission inventories using the new Guidebook

As earlier communicated by CEIP to national reporters, as far as possible countries are recommended to start using the updated guidebook for the upcoming reporting cycle (for which emission inventory submissions are due by 15th February 2020).
A discussion session was held at the 2019 TFEIP meeting surrounding the topic ‘TFEIP—The Next 10 Years’. The participants were split into break-out groups and discussed the Task Force with focus on how it could develop and improve over the upcoming 10 years.

Over the next 10 years the Task Force will aim to include more of these break-out discussions as it proved successful with participants and provided a space to openly discuss and share ideas. Additional ideas which will be explored over the next decade include:

- Hosting introductory sessions designed to support beginners, or those wishing to gain a broader understanding of emission inventories
- Hosting webinar sessions throughout the year in order to provide training and support around a wide variety of topics including the new agricultural tool, projections and expert panel groups
- Increasing transparency and creating stronger links between the EMEP Steering Body and the TFEIP
- Discussing changes to the structure of the Expert Panel Groups or the addition of new Groups e.g. waste, condensables
- Increasing the amount of ‘New Science’ presentations at the annual meeting
- Increasing support to countries on implementing Tier 2 methodologies through various means e.g. ‘trouble-shooting sessions’

Acknowledgements for the New EMEP/EEA Guidebook Publication

As for past versions, the TFEIP has had responsibility for the technical oversight of the update while EEA has published the updated chapters and accompanying emission factor database.

Resources and in-kind contributions for the update were received from a number of organisations and Parties, including from TFEIP’s expert panel leaders, the European Union (EEA and the European Commission), France, Germany and the United Kingdom, which contributed to the update and finalisation of selected chapters.

A number of individuals were also instrumental in the preparation of the updated 2019 Guidebook, including Rikke Albrechtsen, Nick Hutchings, Mette Hjorth Mikkelsen (Aarhus University); Chris Dore, Richard German, Rosie Brook, Justin Goodwin, Melanie Hobson, Katie King, Beatriz Sanchez (Aether); Barbara Amon (ATB), Nathan Vandromme (CITEPA), Charis Kouridis, Giorgos Mellios (ETC/ATNI – Emisia), Leonidas Ntziachristos (LAT), J Webb (Ricardo), Jeroen Kuenn (TNO), Kevin Hausmann, Ulrike Doering, Robert Kludt and Jens Reichel (Umweltbundesamt Germany). Our apologies if any key names are missed from this list! We would also especially like to thank those members of TFEIP and Eionet who contributed to the review of earlier drafts of the 2019 Guidebook.

TFEIP—‘The Next 10 Years’

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EMEP Steering Body Meeting

The EMEP Steering Body met in September. The TFEIP reports to this technical group, who in turn report to the CLRTAP Executive Body where most of the decisions are made. The work to update the EMEP/EEA Guidebook was presented and the Steering Body agreed to endorse the new chapters. The TFEIP workplan for 2020-2021 was also accepted. There were several other relevant topics which were discussed.

Tier 1 Methodologies
There were further calls for improvements to emissions inventories, and in particular to ensure that Parties are not using Tier 1 methodologies for estimating the emissions of key sources. This may be a focus of review and improvement in the coming years.

Black Carbon and Short-lived Climate Pollutants
The TFEIP and CLRTAP more generally will be collaborating with the IPCC on BC. More information can be found below.

Condensable Component of PM
It was not possible to reach consensus on the long-term future of reporting condensables with PM emissions. In the meantime, Parties will be asked to report information on whether they include the condensable component with their reported PM emissions. Where necessary, CEIP and other experts within the Convention will add condensable estimates to reported PM emissions so that data with condensables included can be provided to the EMEP scientific community for their work (the modelling community have already demonstrated the importance of working with PM data that includes the condensable component). A technical workshop has been arranged by MSC-W for early in 2020, with the aim of determining the best way of reporting PM and condensables in the long-term. The EMEP Steering Body recognised that accounting for condensables could be challenging for some Parties, and asked that the Executive Body discuss the topic, particularly in the context of the review of the Gothenburg Protocol, which will define future reporting requirements.

Parties were reminded that they should use the revised Annex I template for their next emissions inventory submission. The TFEIP have also started reviewing and improving other reporting templates, and more information will be available after the TFEIP annual meeting in May 2020.

You can find presentations and the minutes of the meeting here: http://www.unece.org/index.php?id=50345

Research on Black Carbon

We have invited experts to participate in a new expert group which has provisionally been named “BC Group”. Black carbon is one of the priority actions in the TFEIP workplan 2020-21 decided at the annual TFEIP meeting in May 2019 and as accepted by the EMEP Steering Body in September 2019.

The aim of the group is to check and define the current Guidebook methods (e.g. validity for EC/OC/BC), to harmonize the presentation and to identify possible gaps and improvements needed. The IPCC has invited the TFEIP to cooperate in the preparation of the future IPCC guidance for ‘short-lived climate forcers’ (SLCFs) inventories (covering BC, PM2.5, NOx, Sox, NMVOCs, CO and NH3). Therefore this is a good opportunity to avoid overlapping guidance.

We aim to start the work in the New Year with a webinar to outline the work in more details. We hope you are interested and if you were unable to respond to our survey, please email the TFEIP secretariat directly: TFEIP@aether-uk.com
TJEIP/EIONET Annual Meeting 2020

We are pleased to announce that the joint EIONET and TFEIP meeting will be held in Bratislava, Slovakia across the 11th-13th May 2020. The conference will take place in the Hotel Tatra. The workshop will be held on the 11th May 2020. Full invitations and registration will be circulated soon, in addition to local information.

Please email the TFEIP Secretariat if you would like to present or wish to see a certain topic presented: TFEIP@aether-uk.com

Draft Agenda (Subject to Change)

11th May am/pm: Workshop/TFEIP for Beginners
12th May am: Introduction and International News
13th May am: New Science and EIONET
13th May pm: Feedback and Formal Decisions

Hotel: 60 rooms have been reserved in the venue hotel for the participants during the meeting. These rooms will be available to book until the 10th March 2020.

- 30 single-bed rooms for fix price €65 + city tax €1.7 per night
- 30 double-bed rooms for fix price €75 + city tax €1.7 per night

Rooms can be reserved for these discounted rates by using the promocode: TFEIP2020. Please use the hotel’s website or email rezervacie@hoteltatra.sk. Please note there are only 60 rooms available at this discount, once they are sold out (or the 10th March 2020 deadline has been passed) the hotel rooms will be charged a standard price. Additional hotel options will be circulated shortly, alongside local information and travel options.

COPERT Training Workshop in Copenhagen

Emisia and the European Environment Agency jointly organised the annual training workshop on COPERT, hosted in Copenhagen 23-24 October. On the first day of the workshop the methodological aspects of the model were presented as well as all the new elements included in the latest v5.3 of the software. On the second day the software was demonstrated followed by a hands-on session.

Personal Profile: Federico Antognazza

Federico Antognazza, 36 years old, Italian.

I’m an environmental engineer who graduated from Politecnico di Milano, specialising in GHG emissions from landfills. I worked as an emission inventory compiler at the Regional Environment Agency of Region Lombardy from 2008 to 2012 with a focus on LULUCF, agriculture, natural emissions, projections and general QA/QC of the emission inventory.

Since 2016, I have been seconded to the European Environment Agency following NECD and LRTAP reporting and assisting European Commission on NECD review projects. I am directly involved with the TFEIP activities and also support the annual emissions inventory reviews for the European Commission.

I am passionate about food, cooking and sport (swimming, cycling and every kind of sports-related stats).