

# **TFEIP Newsletter:**

## **Autumn 2012**



## Contents

### Contents

- 1 TFEIP 2012, Bern ..... 3**
- 2 Personal Profile:  
Leonidas Ntziachristos . 6**
- 3 EMEP/EEA Guidebook  
News..... 7**
- 4 The 2012 EMEP  
Steering Body Meeting.. 8**
- 5 The Gothenburg  
Protocol Revision..... 9**
- 6 The Stage 3 review -  
2012.....10**
- 7 TFEIP Agriculture &  
Nature Panel and TFRN  
EPMAN / EPNB Meeting11**
- 8 TFEIP meeting 2013  
Announcement .....12**
- 9 Meetings and  
Announcements .....12**

## From the Chairs

Chris Dore

[chris.dore@aether-uk.com](mailto:chris.dore@aether-uk.com)

Martin Adams

[martin.adams@eea.europa.eu](mailto:martin.adams@eea.europa.eu)

Kristina Saarinen

[kristina.saarinen@environment.fi](mailto:kristina.saarinen@environment.fi)

Welcome to another newsletter from the Taskforce on Emission Inventories and Projections. We originally intended this to be a summer newsletter, but we have been so busy across the last few months that it has ended up as an autumn newsletter instead!

The last few months have been full with work on several important topics. In particular we have been providing technical support to our parent group, the EMEP Steering Body, for the implementation of the recently-amended Gothenburg Protocol. This has meant working on: drafting a report on “Adjustments”, providing support on changing from fixed ceilings to percentage emission reduction commitments, and also the introduction of inventory reporting for PM<sub>2.5</sub> (and black carbon). In addition to all of this, the EMEP SB meeting this year had a special session on emissions. So you can see that it has been a busy summer...

You will also probably know that there is a major update of the EMEP/EEA Emissions Inventory Guidebook being undertaken at the moment. The Expert Panels have been working closely with the Danish team who are undertaking the update work, and it is all progressing well. Initial comments have already been submitted on the draft chapters from a number of Parties and experts, and we will be hoping to endorse the finalised chapters at the TFEIP meeting in May next year.

You'll find more details on all of the above in this edition of the newsletter. Don't forget to also visit our TFEIP website.

There's a wealth of information there (presentations from recent meetings, technical support documents etc.), and if you need some help on anything technical, then give the forum a go! It's a great way of reaching very experienced emission experts who can help you with your questions.

<http://www.tfeip-secretariat.org/>

~~~~ ~~~~

# 1 TFEIP 2012, Bern

It seems like a long time ago now, but we held our annual meeting jointly with the EEA EIONET network on 14-15<sup>th</sup> May 2012 in Bern, Switzerland. We thank again the Federal Office for the Environment for hosting what was another productive and enjoyable meeting! The following are some condensed minutes:

**Date:** 14-15<sup>th</sup> May 2012  
**Venue:** Kursaal Hotel, Kornhausstrasse 3, Bern

## Session 1: Reporting, Review and UN/ECE Update

Sonja Vidic (EMEP Steering Body (SB) Chair) presented the recent work of the EMEP SB, and in particular the status of the amended Gothenburg Protocol and the implications for the TFEIP. The EMEP/SB and TFEIP were asked by the CLRTAP Executive Body to draft technical guidance on the 'Adjustment Mechanism' which is included in the amended protocol.

**\*The TFEIP agreed to form an ad hoc group with a mandate to provide on behalf of the TFEIP draft technical guidance on adjustments to the EMEP Steering Body\***

See sections 4 and 5 of this newsletter for more on adjustments.

The TFEIP also recognised the future need to: revise the Reporting Guidelines and Annexes, review NFRs and revise the reporting template to take into account changes arising from the amended Gothenburg protocol. Proposals for the revised guidelines etc will be presented at the May 2013 meeting of the Task Force.

Katarina Mareckova (CEIP) presented a summary of reported data. Improvements are evident in the reported data – both in terms of quality, and extent. The usefulness of the Stage 1 and 2 review reports for Parties was raised and how the review findings might better serve the needs of the inventory compilers. The following informal review awards were also given for informative inventory reports (IIR) and data submissions:

- Most Comprehensive – UK
- Nicest Looking – The Netherlands
- Most Transparent – Germany
- Best Small Country – Ireland
- Most Improved – FYROM
- Most Reliable (special award) – Denmark

Parties were again encouraged to nominate experts for the Stage 3 reviews.



The ever reliable Danish team in Bern, 2012

Agnes Nyiri (MSC-W) presented a proposal to revise the 50 x 50 km EMEP grid.

**\*The TFEIP supported the proposed change of the EMEP grid to a latitude/longitude based-projection and a more detailed resolution of 0.1° x 0.1°. The TFEIP also expressed support for continuing the current procedure whereby Parties provide gridded emissions data, and that any subsequent gap filling be performed by a single group within EMEP (e.g. CEIP).\***

Martin Adams (EEA) informed participants that the translation of the Guidebook into Russian is now complete (with the exception of the Aviation chapter) and available on the EEA website at [www.eea.europa.eu/publications-ru/emep-eea/](http://www.eea.europa.eu/publications-ru/emep-eea/). Leon Ntziachristos (ETC/ACM) noted that a Russian version of COPERT is available from the COPERT website <http://www.emisia.com/copert/General.html>.

Kristina Saarinen (SYKE) provided an update of work on the Air Pollutant Emission Factor Library <http://www.apef-library.fi/>. Parties were encouraged to contribute emission factors to the library.

## Session 2: The EMEP/EEA Emissions Inventory Guidebook

Ole-Kenneth Nielsen (Aarhus University) presented progress of the project to update the Guidebook. This is discussed further in section 3 of this newsletter.

Nele Veldeman (ETC/ACM) presented an overview of the planned work to update the gridding chapter of the Guidebook.

## Session 3: Meeting of TFEIP Expert Panels

All sector expert panels received and discussed presentations regarding the update of the Guidebook from the Aarhus University team.

Combustion and Industry:

- The panel discussed the inclusion of BC in the emissions inventory Guidebook. BC emission factors will be included in the Guidebook as a percentage of PM<sub>2.5</sub> emission factors.
- There are some issues concerning consistency (between pollutants and across the methodology Tiers) which require further consideration.
- Activities are planned to improve the emission factors for solvent use in the domestic sector. Contributions from

industry were offered across the solvent sector.

- Improvements are planned for the Guidebook sections on fugitive sources of PM.

Agriculture and Nature:

- NMVOC emissions were discussed. This source has the potential to make a significant impact on national NMVOC totals. The work is on-going.
- NFR allocation of some sources due to be included in the Guidebook will need careful consideration. There is potential overlap between “power generation” and agriculture.
- Work to revise the NH<sub>3</sub> emission factors from fertiliser is on-going.
- A joint meeting of this expert panel with the TFRN (EPMAN) is planned (28th September, Berlin).

Transport:

- BC emission factors for transport sources have been prepared, and consistency checks across the pollutants undertaken.
- New heavy metal emission factors have been agreed from lubricant and fuel consumption in road transport, and included in COPERT 4 v9.0.
- A new aviation chapter is expected for review in early 2013.
- Preparatory work for a possible COPERT 5 version was presented.
- Uncertainties in the emissions from mobile sources in Belarus were presented by Sergey Kakareka.

Projections:

- Some additions to the projections chapter in the Guidebook were proposed.
- It was recognised that for projections, sensitivity studies are important. It was stressed that these studies provide different information to uncertainty analyses.
- It was recognised that sharing best practice on projection methodologies and QA/QC is important going forward, and possible methods for achieving this were discussed.

- It was considered that a closer liaison with TFIAM will be helpful and important going forward.

## Session 4: Twenty Years of the TFEIP



Former Chairs/Co-Chairs and long-standing contributors to the TFEIP received a commemorative mug!

Some of the current and previous chairs of the task force (Chris Dore, Gordon McInnes and Kristin Rypdal) reflected on 20 years of the TFEIP, the lessons learnt and the challenges ahead. There were some interesting parallels made between the difficulties identified at the first meeting of the TFEIP, and in our recent meeting conclusions.

The TFEIP warmly thanked all former Chairs and Co-chairs for their dedication. The following long-standing contributors to the work of the TFEIP were also thanked: Antonio Ferreiro, Jean-Pierre Chang, Jean-Pierre Fontelle, Katarina Mareckova, Marc Deslauriers, Tinus Pulles and Zig Klimont.

There are several well known people in the emissions inventory technical area who will be retiring soon, and we will miss their input. We wish them well!

## Session 5: Verification of Emissions

Richard Ballaman (CH) presented some of the verification studies and processes used with the Swiss emissions inventory and reflections on the recently revised Gothenburg Protocol.

John Van Aardenne (EEA) presented a workshop report from recent GMES activities to identify uses of satellite based measurements, and how these can be applied to the emissions inventory technical area.

Jeroen Kuenen (TNO) provided a valuable insight into the MACC emissions inventory and maps.

Zig Klimont (IIASA) gave an overview of the verification steps taken in GAINS modelling to ensure agreement with national emissions inventories.

## Session 7: Meeting conclusions and close

Chris Dore presented the draft TFEIP workplan for 2012-2013 and conclusions from the meeting. The workplan and meeting conclusions were agreed by the attendees.

The Co-chairs thanked the Swiss Federal Office for the Environment for hosting the meeting.

The meeting was then closed.

~~~~ ~~~~

## 2 Personal Profile: Leonidas Ntziachristos

Over the next few newsletters we will continue to introduce different members of the TFEIP Management team. For this newsletter, Leon Ntziachristos, one of the leaders of the Transport expert panel presents his perspectives on TFEIP...

### Leonidas Ntziachristos

#### Co-chair of the Transport Expert Panel

Assistant Professor, Aristotle University of Thessaloniki, Greece

My work on road transport started at the age of six when I remember myself trying to fix our family Simca 1301 together with my father. Nice car, superb suspension but I soon had to shift to a Japanese one for reliability. This is how the wonderful world of cars somehow opened up to me. Then one thing brought the other... I studied Mechanical Engineering (what a surprise!) and was lucky to meet Zissis Samaras on the way who proposed a PhD on vehicle emissions. Not as sexy as building a racing car I thought, but still interesting and more down to earth for a Greek engineer!

So, there I am, back in 1995 in Berlin - on my first ever trip abroad - trying to persuade some complete strangers named Simon Eggleston, Niels Kilde, Dietmar Koch, Tinus Pulles, and Manfred Ritter, members of a group called the European Topic Centre on Air Emissions – that my implementation of COPERT is the best and they should fully follow it – no questions asked! Many of you will think that not much has changed in my beliefs in these last 17 years...

My first TFEIP was the 1998 Wismar event and have since taken part in most of them with only a few exceptions. The highlight was of course the organization of the 2006 event in Thessaloniki. Many of you may still remember the olive oil tasting event... In 2007 Zissis stepped aside and I took over as a co-chair of the Transport Expert Panel with responsibility for road



emissions, together with Penny Dilara and Riccardo Delauretis on other modes.

Our work in the transport panel is aimed at developing complete and easy to apply methodologies for the estimation of emissions from all transport sectors. In road transport in particular, we are happy to offer the COPERT 4 tool that is widely used for official inventory submission by parties to the UNECE and UNFCC Conventions and also for several research and scientific endeavours by many around the world.

Much effort and resources have been invested in developing these methodologies and TFEIP has been an indispensable part of all of this activity. Further to the continuous support of the European Environment Agency and the European Commission's Joint Research Centre, much of the kudos goes to the individual TFEIP members and the wonderful collaboration over all of these years.

In my normal life outside TFEIP, I am an Assistant Professor in the Aristotle University of Thessaloniki, teaching Combustion, Pollution Sources, and Environmental Protection Techniques to Mechanical Engineering students. My research fields include particle emission characterization and instrumentation development, emission measurement protocols, and vehicle technology impacts on emissions. Much of the relevant experience was collected during my studies in Greece, the University of Southern California in Los Angeles, the Tampere University of Technology in Finland and MTC AB in Stockholm.

Also, I am currently heading our university's formula student team that has built a competitive racing car (aristotleracing.gr) taking part in student races around the world, hence eventually fulfilling by dream of building a racing car! Lately, with some colleagues, we formed our spin-off company (emisiam.com), trying to be successful in the difficult Greek circumstances. Oh well...! I am married to Vaso and am the proud father of 3-year old Dimitris. People say I am creating a monster: He can already tell all makes and models of cars on the road...

~~~~ ~~~~

### 3 EMEP/EEA Guidebook News

#### 2012 Guidebook update

As many of you heard at the TFEIP's May meeting in Bern, a significant update of many parts of the 2009 EMEP/EEA Guidebook is presently being performed. The majority of the work is being performed under a European Commission-funded project (by the University of Aarhus, Denmark), complemented by additional funding from the European Environment Agency (within the work programme of its ETC/ACM).

Following the initial discussions with the project team which happened at our May meeting, the draft updated chapters were made available for expert review on the TFEIP's website in October. A very large 'Thank You' to all who were able to assist

by reviewing and providing comments on the draft chapters!

The remaining project tasks are as follow:

#### November:

Delivery of revised chapters.

#### April 2013:

Revised Chapters (batch 2) circulated for comment and review by TFEIP.

#### May 2013:

Formal endorsement of chapters by TFEIP.

#### September 2013:

Formal endorsement of the updated Guidebook by the EMEP Steering Body.

~~~~ ~~~~

## 4 The 2012 EMEP Steering Body Meeting

The recent EMEP SB meeting included a lot of discussion that was directly relevant to our emissions work. Formal minutes and conclusions will be posted on the EMEP website soon, but here is an overview of the meeting from the perspective of the emissions community:

### Introducing Emission Inventories

After the formal opening and confirmation of the Agenda, the meeting started with a special session on emissions.

Monday morning was taken up with introducing emission inventories, their underlying principles, reporting under the LRTAP Convention, the work of the TFEIP and CEIP in supporting the aims of EMEP. There was also a discussion on the upcoming challenges. The importance of the EMEP/EEA Emissions Inventory Guidebook and the Stage 3 review process were highlighted.

### A New EMEP Grid

The proposal to revise the EMEP grid was discussed. There was a recognition that the resolution of the grid needed to be improved to allow EMEP modelling work to be undertaken with more certainty. Consequently there was good support for the proposed new grid (Lat-Long 0.1° x 0.1°), and the SB agreed to recommend its adoption by the CLRTAP Executive Body (EB).

### The Adjustments Report

The TFEIP “Adjustments” report prepared by the ad-hoc group established after our May meeting was presented and discussed extensively.

A number of different views were expressed regarding how an Adjustments procedure might be set up. It was recognised that applications will need to be considered on a case-by-case basis. In addition, it was concluded that the expert team who will review applications will need to be properly funded.



The Palais de Nations, Geneva

Since the meeting we have taken comments into account, and will be provide a final version of the guidance document for input into the December CLRTAP EB meeting. Our thanks to everyone who has contributed to this important TFEIP report.

### Updating & Maintaining the Guidebook

An overview of the Commission project to update the Guidebook was given, and they were thanked for funding this important work.

The value of this central reference resource (and the accompanying work by our Expert Panels and the EEA) was clearly recognised. But it does not appear likely that any centralised EMEP funding will be made available to help maintain the Guidebook.

Looking ahead, we will need to make sure that we inform the EME SB if we think that the existing funding arrangements impact on the quality of the Guidebook.

### Improving Communications

One key conclusion from the meeting is that there needs to be improved communication between the emissions

inventory community and the modellers (who are users of our data), as well as between the emissions inventory community and the emissions measurement community (we are users of their data!).

One way in which we can make improvements is to properly understand what the modellers do with the emissions datasets provided to them. For example:

- How are missing data gap-filled?, and are official emissions data ‘corrected’ if it is considered to be erroneous?
- How are the modellers converting annual emissions data into fine-timescale emissions data for input into their models?
- Can mismatches with modelling studies help us to prioritise improvements? Are the issues caused by particular sectors, countries, pollutants etc?

We should try to ensure that any gap filling work that is done helps to drive improvements in future national submissions. We should have input into how data is converted from annual into fine-timescale emission estimates.

Similarly, we know where emission estimates are currently uncertain, and yet we are not providing a clear message to the emissions measurement community of what we think the research priorities should be.

We will certainly be looking to address these points as we make progress with our workplan.

### Supporting Countries

A number of questions were asked about the support that is provided to countries. It is clear that despite limitations associated with funding, the TFEIP currently offers comprehensive support as far as possible to anyone who asks for it.

There was some discussion about actions that would deliver clear improvements to emissions reporting from specific countries (primarily Eastern European). The idea of “action squads” was discussed – i.e. teams of emission experts who could make in country visits and who could have a substantial impact on improving national emission inventories, but only need limited funding.

Parties were asked to consider supporting these types of activities, as well as more generally to the work of the TFEIP and the Stage 3 review co-ordinated by CEIP.

### Close

EMEP SB thanked representatives from the TFEIP, CEIP and the EEA for giving an interesting and informative special session on emission inventories. It is recognised that there are some challenges ahead, but there is confidence that the TFEIP will continue to provide comprehensive technical support to the work of EMEP.

## 5 The Gothenburg Protocol Revision

The LRTAP Convention’s Executive Body convened a special meeting in early May with the aim of finalising the negotiations on a revised Gothenburg Protocol.

The meeting confirmed the expected news that:

- Percentage emission reduction commitments will be used, instead of emission ceilings
- PM<sub>2.5</sub> is added to the pollutant list

Meeting documents are available online: <http://www.unece.org/index.php?id=28153>

## 6 The Stage 3 review - 2012

A team of expert reviewers met in Copenhagen in late June to participate in the annual detailed (Stage 3) review of emission inventories submitted under the LRTAP Convention. The 10 draft country reports from the 2012 Stage 3 review have now been completed and sent to country contact points for commenting. The final reports will be posted in late autumn on the [CEIP website](#).

The Parties reviewed were Albania, Georgia, European Community, Liechtenstein, Malta, Monaco, Republic of Moldova, Montenegro, Serbia and Turkey. Unfortunately it was not possible to



perform a proper review of the inventory data from all these countries, as several did not provide Informative Inventory Reports and/or updated emission data – both of which are pre-requisites for a successful review. The lack of information will be flagged by CEIP in their reports to the Convention.

EMEP CEIP and EEA would especially like to thank everyone who contributed to the review:

Anne Misra (EU) and Chris Dore (UK) (lead reviewers); Jean Marc Andre (FR), Intars Cakaras (LV). Emmanuel Deflorenne (FR), Ricardo Fernandez (EU), Hakam Al-Hanbali (SE), Helen Heintalu (EE), Melanie Hobson (UK), Bernard Hyde (IE), Julien Jabot (FR), David Kuntze (DE), Pieter Lodewijks (EU), Kees Peek (NL), Stephan Poupas (AT), Kristina Saarinen (FI) and Ioannis Sempos (GR).

### Participate in the annual EMEP/EEA review process as an expert reviewer!

Past feedback has shown that participating in the annual review process is a great way to learn and share experiences, and for emission inventory compilers to take back new information to use in their own inventories.

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](#).

## 7 TFEIP Agriculture & Nature Panel and TFRN EPMAN / EPNB Meeting

### 28th September, Berlin, Germany

Following a suggestion made at the TFRN meeting in St Petersburg in February 2012, a Joint Meeting of the Ag and Nature Panel of TFEIP and the Expert Panel on Mitigation of Agricultural Nitrogen (EPMAN) and Expert Panel on Nitrogen Budgets (EPNB) of TFRN was held on 28th September, hosted by the Free University in Berlin and the Leibniz Institute for Agricultural Engineering Potsdam-Bornim.

The main objective of this meeting was to discuss the relationship between the Guidebook methodologies for reporting ammonia emissions in emission inventories and the TFRN guidance provided concerning mitigation measures. The focus was partly on the value of arranging future joint meetings and partly how we could jointly provide some guidance to Parties on how to account for the use of mitigation measures in emission inventories.

At the meeting, 33 participants from 12 European countries, Russia and Canada were present. The morning was dedicated to introductions to the expert panels and their current activities as well as to an overview on the current status of the Guidebook revision.

The afternoon discussed the future collaboration between the Agriculture and Nature Expert Panel and EPMAN / EPNB. The necessity of future collaboration was acknowledged. Consistency, harmony, clarity and communication between the groups

were considered important.

Collaboration should comprise the following topics: Revision/updating of emission factors, developments in inventory methodologies, quality control criteria for review of emission inventories. It was agreed that this collaboration should be ensured by further joint meetings and in particular, by holding Agriculture and Nature Panel session in EPMAN meetings, where appropriate.

In addition to this collaboration, it was considered desirable to coordinate the work of the TFEIP and TFRN with the technical developments connected with the EU Industrial Emissions Directive. Under this directive, best available techniques for intensive pig and poultry husbandry will be proposed. The current status of the update of the Best Available Technique Reference Documents was presented and the overlap between the economic calculations needed for BREF and those needed for the EPMAN guidance was highlighted. The draft BREF document will be discussed at the next EPMAN meeting and interactions between EPMAN and the BREF process will be strengthened.



~~~~ ~~~~

## 8 TFEIP meeting 2013 Announcement

We are very pleased to announce the dates and venue for TFEIP 2013.

The meeting will be in Istanbul, Turkey on Monday 13<sup>th</sup> and Tuesday 14<sup>th</sup> May 2013, followed by a technical workshop on Wednesday 15<sup>th</sup> May (topic to be decided).

The meeting is very kindly being hosted by the Turkish Ministry of Environment and Urbanization.

Further details concerning the meeting will be available in due course.



source: freedigitalphotos.net, Suat Eman

~~~~ ~~~~

## 9 Meetings and Announcements

### TFEIP Web 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!

### COPERT Workshop 13th Nov 2012

An 'advanced users' one-day workshop and training course on COPERT software will be held on 13 November at the European Environment Agency offices in Copenhagen, Denmark. The workshop will:

- train and discuss with users the application of the advanced features in the software;

- discuss possible user requirements that might be included in a potential future COPERT5 version.

In order to participate, users will need to already have a sound understanding of the use of the COPERT4 model and/or road transport emissions modelling.



Interested participants may sign-up for the meeting at

<http://www.eionet.europa.eu/events/Nov%2012%20COPERT/>

(note due to its practical nature, numbers for the workshop are limited).

### Meeting report: ERMES Network

A detailed account of the recent ERMES discussions, research work, meeting minutes and presentations will be available on the CIRCA website here: [ERMES CIRCA interest group](#) – however you need to have a CIRCA account.

For further information please contact [vicente.franco@jrc.ec.europa.eu](mailto:vicente.franco@jrc.ec.europa.eu).

### New Large Point Source Emissions & Activity Datasets from the EEA

A new dataset from the 3-yearly reporting under the EU Large Combustion Plant (LCP) Directive has recently been published by the European Environment Agency.

The dataset contains individual plant data from LCPs for 2007, 2008 and 2009 on total annual emissions of SO<sub>2</sub>, NO<sub>x</sub> and dust (as total suspended particles) and the total annual amount of energy input for each plant, related to the net calorific value, broken down in terms of five categories of fuel: biomass, other solid fuels, liquid fuels, natural gas, other gases.

You may download the dataset from the [EEA dataservice](#).



An update of E-PRTR data ([European Pollutant Release and Transfer Register](#)) will also be available in late October. This is corrected data for years 2006 - 2010 that are reported by countries after the annual data review & verification process.

E-PRTR presently includes emissions to air from around 14 000 facilities in the EU Member States, Iceland, Liechtenstein, Norway, Serbia and Switzerland.

### Forthcoming Meetings

#### TAP2012 – 19th International Transport and Air Pollution Conference 2012. 26 – 27, November 2012.

The Transport and Air Pollution Conferences have "been held since 1986 in Graz (Austria), Zurich (Switzerland), Avignon, Reims and Toulouse (France) and Boulder (Colorado, USA). This 19th symposium will take place for the first time in Thessaloniki, Greece. The aim of the symposium is to bring together scientists, users and policy makers to assess the current scientific knowledge of air pollution due to emissions from transportation systems.

[Conference website](#)

~~~~ ~~~~

*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.*