

Adjustment Application: Finland, NH₃, Agriculture

Recap

1. Adjustment Application Review

- ERT unanimously agreed to reject the application

2. First Re-review

- Finland disagreed, and issued some initial information
- The ERT looked at the information provided, and unanimously agreed their recommendation was unchanged

3. Second Re-review

- Finland provided a detailed paper
- The ERT looked at the information provided, and unanimously agreed their recommendation was unchanged

Adjustment Application: Finland, NH₃, Agriculture

Basis of the application

- Revision to EFs – based on revisions to N excretion rates.
- Is revising N excretion rates revising the EF or activity data?

ERT conclusion

- Tier 2 EFs are NH₃ emission per unit of TAN. **So revising N excretion is revising the activity data.**

Detailed comment on Finland's questions

- Yes you can generate Tier 2 “livestock EFs”, and these depend on N excretion rates. But these livestock EFs are “implied EFs” and are not the Tier 2 methodology EFs.
- The different versions of the guidebook are consistent in this regard.

Task Force on Emission Inventories and Projections

This Years' Activities and Future Work



TFEIP co-chairs: Chris Dore, Martin Adams and Kristina Saarinen

Contents

1. Review of 2014-2015 **Workplan**
2. TFEIP/EIONET **Annual Meeting**
3. **Black Carbon** Workshop
4. **Adjustments** Guidance
5. **Quality & Review** of Emissions Data
6. The Emissions Inventory **Guidebook**
7. Focus of **Future Work** (2015 – 2017)



1. Review of 2014-2015 Workplan

1. On-going technical support/co-ordination 😊
2. Annual TFEIP/EIONET Meeting (& workshop) 😊
3. Communications and outreach 😐
4. Support the EU project on the **EMEP/EEA Guidebook** 😊
5. Continue to improve comms with **other TFs/groups** 😐
6. Issues associated with the **definition of PM** 😊
7. Updated **Adjustments guidance** 😊

2. TFEIP/EIONET Annual Meeting

Milano, May 2015

Our thanks to our Italian hosts

~150 attendees, 49 countries, international bodies

- EU's EMEP/EEA Guidebook project team
 - TFEIP Ad Hoc review groups, Nov/Dec 2015
- Other issues in the following slides...



3. Technical Workshop – Black Carbon

Improving BC Emission Estimates and Abatement

Our thanks to our Italian hosts and the US.

- Verification of Data Reported to the CLRTAP
 - Currently no plans for verification.
 - Include BC in “Stage 3” reviews in the near future??
- Quality of BC Emission Estimates
 - Non-anthropogenic sources - a priority for improvement
- **Definition of BC (and PM)**
 - Need a consistent language for BC, but differences smaller than uncertainties. EU Guidebook project.
 - PM – include condensables or not?
- Need Improved Co-ordination



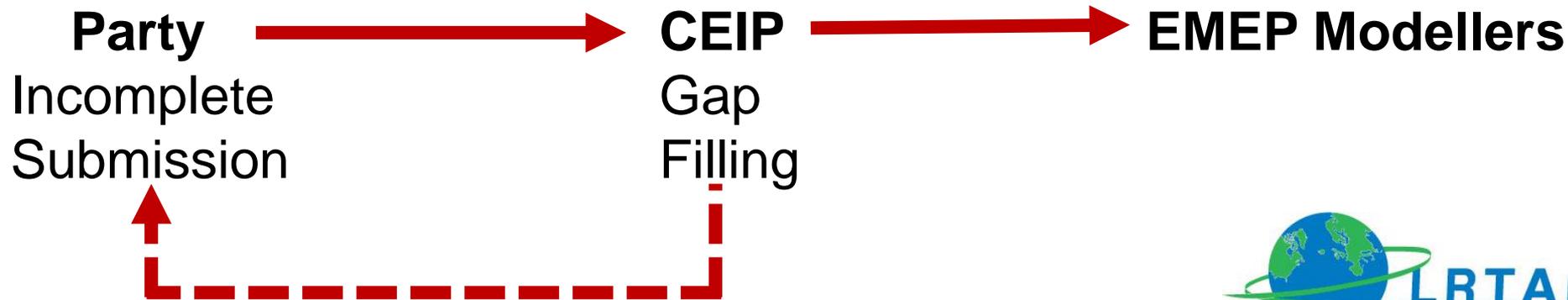
4. Adjustments Guidance & Pollutant Definitions

- **Adjustments Guidance – Additions/Clarifications**
 - See informal document (added points for clarification).
 - Need to agree an approach for reviewing previously accepted adjustments each year.
 - Seeking clarification of what can be amended without coming to the SB every time.
- **Definition of PM - in/exclusion of condensables.**
 - The Guidebook is being reviewed, and information can be provided to the a political decision needs to be taken regarding the definition.

5. Quality and Review of Emissions Data

SOME PARTIES...

- **Persistent quality issues of submissions**
- **not transparent, incomplete, inconsistent...**
- **Transparency – need a detailed Inventory Report**
- **Completeness - Why aren't Parties at least reporting the “gap-filled” inventories?**



5. Quality and Review of Emissions Data

TECHNICAL REVIEW OF INVENTORIES

- **Current technical review procedures are inadequate**
- **Recommendation – ask TFEIP to bring proposals to the 2016 EMEP SB meeting**
 - Always have a “follow-up” review
 - Review frequency to depend on the findings/quality
 - “Large” changes trigger a review
 - 2 year focus on improving completeness... then mapping??
- **Is it acceptable to focus resources on the lower quality inventories?**
- **Should we introduce improvement goals/targets?**
- **Impacts on required resources.**

6. The Emissions Inventory Guidebook

The EMISSIONS INVENTORY GUIDEBOOK

- EMEP funds model improvement activities
- EMEP funds intercalibration monitoring studies
- **... so why does EMEP not fund improvements to the Emissions Inventory Guidebook?**

- **For the last ~decade, improvements have almost exclusively come from EU projects.**
- Guidebook activities have changed
 - TFEIP are now “reviewers” rather than “compilers”
 - TFEIP are reassessing internal organisation/roles etc.

6. The Emissions Inventory Guidebook

The EMISSIONS INVENTORY GUIDEBOOK

- **What does EMEP think our priorities should be?**
- Improving reporting, or methodologies/guidance?
- How much effort should go into improving different pollutant groups?
 - Gothenburg > HMs (Cd) > POPs (PDCC/F) > BC?
- Should we add non-anthropogenic sources?
- Should we add “timescale” profiles?
- **... who should fund this work?**

7. Focus of Future Work

Workplan (Standing Items)

1. Annual TFEIP meeting and workshop
 - We have no venue secured for 2016
2. Focal point for technical discussions etc.
3. Encourage Party contributions to
 - Guidebook improvements
 - Stage 3 and Adjustment review
4. TFEIP Expert Panel contributions to workplan



7. Focus of Future Work

Workplan (2015 - 2016) – as resources allow

1. Support the **Guidebook Update** Project
 - Expert groups to review draft chapters in Nov/Dec
 - TFEIP aim to discuss and endorse, May 2016.
2. Assess **Technical Review Procedures**
 - Review of Methods and Procedures Document (ECE/EB.AIR/GE.1/2007/16) – “Stage 1-3” Reviews
3. Work with the **TFMM** on emission measurement priorities, definitions of PM and BC.

Acknowledgements

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The United Kingdom, the EEA, and Finland



Discussion Points

Improving Inv. Quality

- *EMEP's priorities?*
- *Focus on incomplete reporting (then mapped data)?*
- *Set goals/targets??*

Technical Review (Stage3)

- Task TFEIP to assess

EMEP/EEA Guidebook

- *Should EMEP provide funds?*

Adjustment Guidance

- Updates provided
- Agree annual reviews
- *Minor updates without need for EB Decisions?*

Definition of PM and BC

- *With/without condensables?*
- *BC/EC/OC etc*

