Way forward – proposal for a trial in-depth (stage 3) review

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Background and mandate

- The Executive Body, the Working Group on Strategies and Review and the EMEP Steering Body have all underlined in recent years the importance of data quality for the effective implementation of the Convention.
Why is a review needed?

- For the work of the Convention: confidence in the quality of reported data for compliance purposes.
- For the Task Force and the reporting process: feedback to support inventory improvement.
- For Parties and national experts: confidence in the quality of reported data, feedback and improvement of inventories.
Review phases

- Proposed review phases according to the “Draft methods and procedures for the technical review of air pollutant inventories reported under the Convention and its Protocols” (EB.AIR/GE.1/2005/7, annex III)

  - Stage 1: Initial check
  - Stage 2: Synthesis & Assessment
  - Stage 3: In-depth review
What has been done so far?

- Reviews according to stages 1 & 2 have been developed and performed in 2003, 2004 and 2005;

- The TF has prepared “Draft methods and procedures for the technical review of air pollutant inventories reported under the Convention and its Protocols” (EB.AIR/GE.1/2005/7, annex III) and submitted it to the EMEP Steering Body;

- The TF has, at June 2005 meeting, proposed to set up a trial stage 3 (in-depth) review on the 2005 submissions. Parties will be asked to voluntarily take part in this trial review.
  - by nominating reviewers and by providing their emission data and informative inventory reports
The Task Force proposes to develop a review process that is harmonized as much as possible with the UNFCCC review process
- To maximize synergies with GHG inventories
- To take advantage of familiarity of UNFCCC review process

A centralized review as model for a trial in-depth (stage 3) review exercise.

The aim of the trial review is to test models for eventual in-depth reviews, if the Executive Body accepts.
Why an in-depth review?

- In-depth (stage 3) review would build on results from stages 1 & 2, aim at assessing full quality of inventories: Transparency, Completeness, Consistency, Comparability and Accuracy
- Would make full use of information in IIRs to assess inventory quality and provide feedback to the TF Inventory Improvement Programme
- A lever for resources for inventory improvement
- Would increase confidence in the quality of reported data
Objectives of trial stage 3 review

- To gain experience with in-depth review within the framework of the LRTAP Convention
- Test and clarify procedures and scope for a formal third stage review
  - for Parties to be reviewed and to provide experts to perform the review
  - for Convention secretariat to support review process
  - for the TF and its expert panel on review to overview review process in relation to stage 1 and stage 2 review activities already in place
  - understand the resource requirements
Objectives of trial stage 3 review, cont.

- To assess the value of the review process in improving:
  - Quality of inventories and confidence in the quality of inventories
  - Exchange of inventorying experience and expertise between Parties
  - Capacity building

- To identify revisions needed in the existing guidance to Parties (Emission Reporting Guidelines and Atmospheric Inventory Guidebook)
Trial stage 3 review: what will it be?

- A voluntary trial stage 3 (in-depth) review, in the form of a centralized review: 1 week in one place for experts to review up to 10 country inventories

Who will participate?

- Countries with inventories to be reviewed
  - data and IIR, no attendance needed
- Countries with experts to perform the review, experts needed for one week (funded by the Party)
- Management and co-ordination
  - coordination by the Task Force in cooperation with ETC-ACC, in consultation with the secretariat.
Trial stage 3 review: where and when?

- At EEA in Copenhagen
- One week in February 2006
- Reporting back on experiences to the TF in June 2006

Expected resource requirements

- Centralized review: ~10 experts*5 days=50 person days
- Co-ordination: 2 experts*8 days=16 person days
Trial stage 3 review: what will be used?

- Information from 2005 submissions, CLRTAP/NEC
  - IIR
  - Reported data

- The trial centralized review will build on Stages 1 & 2 review results
  - tests, dips & jumps, implied emission factors, pollutant ratios, key source analyses, etc.
  - feedback from countries
  - UNFCCC data
  - TREND and TREMOVE
Trial stage 3 review: what will be used?

- The Emission Reporting Guidelines
- The EMEP/CORINAIR Atmospheric Emission Inventory Guidebook
- Protocol requirements for each Party
- Requirements under the European Commission’s National Emission Ceilings (NEC) directive
Trial stage 3 review: what is the scope?

- Pollutants: focus on SO$_2$, NO$_x$, NMVOC, NH$_3$
  (Gothenburg protocol and NEC directive)

- Is it good enough?
  - Transparency, Completeness, Consistency, Comparability, Accuracy
Trial stage 3 review: outputs

- Individual review conclusions and recommendations for each participating Party
  - communicated back only to the Party

- Feedback on the process

  - Experiences from the trial review will be reported to relevant fora, such as the Task Force meeting in June 2006, as feedback on the reporting and review process
Trial stage 3 review: examples of feedback

- What is the value added over stages 1 and 2?
- Is the centralized review an efficient stage 3 model?
- What are the resource requirements?
- Are there needs for Guidelines & Guidebook amendments?
- Organization and management?
- Timing issues
Concluding remarks

- Asked to develop procedures for in depth review
- Objectives, to test models for in depth review
- Proposal: voluntary trial centralized review
- Output: feedback to participants and to the inventory and review process