Current situation with TFEI P and AEG update

JRC IES, Ispra, 2008-10-16
Task Force on Emission Inventories and Projections (TFEIP)

- TFEIP is one of the four task forces of the UNECE CLRTAP, under the EMEP programme

- TFEIP’s main tasks are:
  - To develop the EMEP emission inventory, based on emission data from Parties
  - To provide a technical forum and expert network to
    - harmonize emission factors,
    - establish methodologies for evaluation of emission data and projections
    - identify problems related to emission reporting

- TFEIP is basically the clearing house for the EMEP/CORINAIR Emission Inventory Guidebook with representatives from all CLRTAP parties
EMEP/CORINAIR Emission Inventory Guidebook

- The Guidebook’s main function is to serve as the ‘cookbook’ for use by CLRTAP parties to report to the UNECE Secretariat.

- The Guidebook is also used as a reference in many studies.

- It is mainly based on the SNAP nomenclature but it is consistent with
  - the Nomenclature for Reporting (NFR) to report to LRTAP
  - IPCC source nomenclature developed for reporting under the UN Framework Climate Change Convention

- Use of the AEIG is not mandatory by parties but it is considered a ‘good practice’. National methods/tools are also acceptable if certain criteria are met.

- The European Environment Agency provides the infrastructure for the maintenance of the Guidebook

- Currently on its third updated version (Last updated Dec 2007)
Current Situation with the Guidebook

- In 2006, the European Commission (DG Environment) became interested in the Guidebook as a tool to be used for the submission of inventories in the framework of the NEC directive.

- European Commission asked EEA to prepare a Guidebook update and restructuring plan and indicated its intention to financially support it.

- EEA prepared such a plan together with the chair of the EMEP SB, the TFEIP chair (representing also the CLRTAP secretariat) and the European Commission.

- The European Commission launched an open call in June 2006.

- It was awarded to TNO and AEAT in November 2006. Project started in January 2007 with a duration of 18 months.

- Initial deadline extended for six months.

- Draft final chapters submitted last September to the SB. No announcement on the decision yet.
Targets of the Guidebook Revision

- **Structure**
  - Separate guidance and scientific documentation
  - Separate text and numbers, numbers to be retained in an EFDB
  - Easier to update

- **Harmonisation with IPCC Guidelines**
  - Reduce duplication for inventory compilers
  - Increase consistency
  - Three tiered system

- **Content**
  - Scientifically up-to-date
  - Complete
  - Free of errors

Main Area of Criticism to Consultants
Process for the Guidebook Revision and Future

- UNECE & EEA retain ownership of Guidebook.
- Expert Panels remain responsible for Guidebook.
  - Final editorial responsibility
  - Provide expertise where necessary
- TNO + AEA-T – technical editing
- Current issues:
  - Maintenance plan
  - Support of the EFDB
  - Funding of the expert panels
  - Will be discussed mid Nov in Milan
Content update with regard to transport chapters

- Development of Tier-based methodologies
  - Basically transfer of previous simple/detailed methods
  - Tier 1 developed by aggregating
  - Tier 3 available for road transport (retained)

- Minor revisions in most chapters
  - EFs for new technologies in off-road machinery
  - Corrected emission factors for aviation
  - Streamlined terminology, symbols
  - Streamlined structure