Task Force on Emission Inventories and Projections

EMEP/EEA air pollutant emission inventory guidebook 2019
Technical guidance to prepare national emission inventories

Update:
EMEP/EEA Guidebook 2019

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The 2019 version of the Guidebook was approved in Sept 2019 by EMEP SB and afterwards published on the EEA website.

It will be used as the basis of compliance assessment with the 2020 reduction commitments.
Summary of updates: General guidance

General refresh & update; aligned the Guidebook’s good practice principles with the 2019 refinement of the 2006 IPCC GHG Guidelines

- 1. Introduction
- 2. Key Category Analysis and Methodological Choice
- 3. Data Collection
- 4. Time Series Consistency
- 5. Uncertainties
- 6. Inventory Management, Improvement and QA/QC
- 7. Spatial Mapping of Emissions
- 8. Projections
Summary of updates: Sector guidance

1. 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
2. Industrial Processes and Product Use

• 2.A.5.a Quarrying and Mining of minerals other than coal (DE)  
  (including new spreadsheet calculation tool)

• 2.D.3.i and 2.G Other solvent and product use (DE)
Summary of updates: Sector guidance

3. Agriculture Chapters (and related Waste Chapter)

- 3.B Manure Management Chapter
- 3.D Agricultural Soils Chapter

(including new spreadsheet calculation tool + explanatory documents)

- 3.D.f and 3.I Use of pesticides and limestone (DE)
- 5.B.2 Anaerobic Digestion at Biogas Facilities
Other issues

It is important to keep in mind the scope of the update – not all needs could be addressed at once.

Gaps and update needs can be prioritised in the Guidebook’s maintenance and improvement plan – for discussion in the expert panel sessions

- e.g: solvents, shipping, calculator tools for NRMM &/or small combustion (?), regional EFs…

Next update – timing to be discussed. 2022/2023?
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Guidebook structure and links

Structure:

- Part A: General guidance chapters – 9 chapters
- Part B: Sectoral guidance chapters – 85 chapters + several excel ‘calculation tools’
- Online emission factor database

Links: the Guidebook is available through the EEA website

Thank you