

# Task Force on Emission Inventories and Projections

## EMEP/EEA Guidebook 2019

Planning for the 2019 update of the EMEP/EEA air pollutant emissions inventory guidebook

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# Introduction



- The Guidebook provides guidance and ‘default’ emission factors
- Used for reporting under the LRTAP Convention and EU’s NEC Directive.
- The EMEP/EEA Guidebook undergoes a ‘major’ update every 3-4 years.
- In 2016, the latest version of the Guidebook was approved
- The 2019 Guidebook will be used to assess compliance with the 2020 reduction commitments

# TFEIP's mandate: EMEP/EEA Guidebook

The functions of the Task Force will be to:

*(a) Develop further the EMEP/EEA Guidebook methodologies by supporting work that provides updated information from the literature and liaising with other projects.*

*The Task Force will ensure regular updating of the maintenance and improvement plan for the Guidebook with a view to publishing major updates in 2016, and every following 3-4 years.*

Access all past Guidebook versions:

<https://www.eea.europa.eu/emep-eea-guidebook>

# Planning for the Guidebook 2019 update

2018-Apr2019: Updating of selected chapters

Dec18 – Feb19: 1<sup>st</sup> review round of draft chapters by TFEIP

Mar19- Apr19: 2<sup>nd</sup> review round for remaining chapters

May19: TFEIP requested to 'technically endorse' the Guidebook

June-July: Possibility for final corrections and/or additional work to be performed (if requested by TFEIP)

July-Aug: EEA to perform language editing, formatting

Sept19: Formal approval of the updated Guidebook 2019 by the EMEP Steering Body

Sept-Oct19: Guidebook 2019 published

# Current plans – selected chapters for update

2.D.3.i/2.G Other solvent and product use (supported by Germany)

2.A.5.a Quarrying and mining (supported by Germany)

3.D.f/3.I Agriculture other including use of pesticides (supported by Germany)

1.A.3.b.i-iv Road transport exhaust emissions (EEA)

1.A.3.b.vi Automobile tyre and brake wear (EEA)

3.B Manure management (EEA)

3.D Crop production and agricultural soils (EEA)

5.B.1 Biological treatment of waste (EEA)

- Incl. updated spreadsheet for agric. emissions

# Current plans – selected chapters for update

General guidance chapters (QA/QC, uncertainties, projections etc) (EEA)

- Align inventory good practice principles with the on-going 2019 refinement of the 2006 IPCC GHG Guidelines
- Any need to change methods, NFR categories etc. to retain IPCC consistency?

# Call for further support: Other priorities

- i. Fixing errors and inconsistencies recorded during the 2017 EU NEC Directive inventory review (EP leaders)
- ii. Small combustion – condensables
  - [specify that reporting from this sector **should exclude condensables** as discussed previously at TFEIP2017]
  - [or potential restructuring of chapter to more clearly specify condensable/non-condensable EFs (?)]
- iii. Incorporate BREF/BAT conclusions adopted in recent years – various sectors
- iv. New information from Concawe on refinery emissions (1A1, 1B2 chapters etc)
- v. Revision log of changes?

# Emission factor database (EFDB) online

<http://efdb.apps.eea.europa.eu/>

Topics Data and maps Indicators Publications Media About EEA The EEA is an agency of the European Union

Publications EMEP/EEA air pollutant ...

## EMEP/EEA air pollutant emission inventory guidebook - 2016

Publication — Created 27 Sep 2016 — Published 30 Sep 2016

Topics: Air pollution

**i** This is the latest published version. See older versions.

### EEA Report No 21/2016



**Technical guidance to prepare national emission inventories. The joint EMEP/EEA air pollutant emission inventory guidebook supports the reporting of emissions data under the UNECE Convention on Long-range Transboundary Air Pollution (CLRTAP) and the EU National Emission Ceilings Directive. It provides expert guidance on how to compile an atmospheric emissions inventory. The Guidebook is published by the EEA with the CLRTAP Task Force on Emission Inventories and Projections responsible for the technical content of the chapters.**

### Content

- EMEP EEA air pollutant emission inventory guidebook 2016 Introduction.pdf [1.3 MB]
- EMEP EEA Guidebook Revision Log referred to changes into published chapter [62.5 KB]
  - Emission Factor Database
  - Part A: general guidance chapters

### Publications

Menu

Subtopics

- EMEP/EEA air pollutant emission inventory guidebook - 2016
  - Emission Factor Database
  - Part A: general guidance chapters
  - Part B: sectoral guidance chapters

Emission Factor Database

Explore the Emission Factor Database data viewer

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# Emission factor database (EFDB) online

<http://efdb.apps.eea.europa.eu/>

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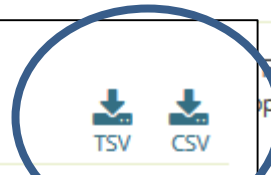
## EMEP/EEA air pollutant emission inventory guidebook 2016 - Emission factors

This viewer presents selected emission factors and abatement efficiencies included in the EMEP/EEA Guidebook 2016. Information on the emission factors included in the Guidebook are included in this viewer, users should always therefore consult the relevant chapter of the guidebook as the values provided in the chapter are considered the official data.

Results 1 - 10 of 7970

| NFR     | Sector                                 | Table     | Type                   | Technology | Fuel    | Abatement | Region | Pollutant            | Value  |
|---------|--|-----------|------------------------|------------|---------|-----------|--------|----------------------|--------|
| 1.A.1.a | Public electricity and heat production | Table_3-7 | Tier 1 emission factor | NA         | Biomass |           | NA     | HCB                  | 5      |
| 1.A.1.a | Public electricity and heat production | Table_3-7 | Tier 1 emission factor | NA         | Biomass |           | NA     | Benzo(k)fluoranthene | 0.0155 |
| 1.A.1.a | Public electricity and heat production | Table_3-7 | Tier 1 emission factor | NA         | Biomass |           | NA     | Zn                   | 181    |
| 1.A.1.a | Public electricity and heat production | Table_3-7 | Tier 1 emission factor | NA         | Biomass |           | NA     | Cd                   | 1.76   |

Direct data download



For Reporting (NFR) source category code. Not all appearing in this viewer and the published chapter,

- NFR - Sector <
- Fuel <
- Pollutant <
- Type <

Search filters

# Emission factor database (EFDB) online

<http://efdb.apps.eea.europa.eu/>

In case of discrepancies between values appearing in the viewer and the published chapter, the values provided in the chapter are considered as the official data.

Feedback is most welcome (questions/errors/problems etc)  
email to: [guidebook@eea.europa.eu](mailto:guidebook@eea.europa.eu)

# Translation into Russian of the Guidebook



Publishing of the translated Guidebook is expected during summer 2018

*(work funded by EEA under its EU European Neighbourhood Policy (ENP) grant)*

# Questions & comments

European Environment Agency

