

WG2 Recommendations

Urban emissions



- The compilation of emission data under NECD does not take into account the needs for emission data in air quality modelling applications under the AAQDs.
- The guidance under EMEP/EEA do not aim at providing input to high resolution air quality models
- [Urban Emission Gap](#): The experience gained in FAIRMODE with emission benchmarking and understanding of urban emissions shows the existence of a large gap between national and urban inventories.

1. Specify the requirements on the (urban) emission data to be used as input for air quality assessments.

The current system to compile and report national emission data is not appropriate to ensure the representative and highly spatially and temporally disaggregated air quality assessments required under the AAQD.

Large implication for Member States:

- New additional reporting requirement ?
- Linked to AAQD or NECD?
- Is this a data reporting requirement or a documentation requirement?
- Is this something to include in the IPR?



2. Contribute to the current EMEP/EEA emission inventory Guidebook to include guidance on urban emission compilation.

More specifically, to raise awareness of the limitations of downscaling. FAIRMODE WG2 can host a process to secure the development of user-checked guidance for URBAN emission inventory compilation.

- How can it be organised?





3. Promote benchmarking activities in FAIRMODE as a system to study the quality of emission data used as input in air quality assessments.

The benchmarking of emission inventories in selected cities that has been performed in the framework of FAIRMODE WG2 during the last years has highlighted large inconsistencies between local bottom-up urban emission inventories and regional emission inventories and contributed to the improvement to both types of emission inventories. It is recommended to promote the use of the Emission Delta-tool.



- Questions?
- Comments?