

emep

Co-operative programme for monitoring
and evaluation of the long-range
transmissions of air pollutants in Europe



UPDATES FROM THE CONVENTION TFEIP 2026

PAUL RUYSSENAARS
EMEP CHAIR AND SENIOR SCIENTIFIC OFFICER AT RIVM, THE NETHERLANDS

SCIENCE - POLICY SUPPORT

1. **Implementation of the workplan** and the review of **scientific results** in the broader context of the Convention, as presented to the EB in December 2025
2. Scientific results, in **support to the GP revision**.
3. The **EMEP/WGE workplan for 2026 and 2027**

EMEP/WGE workplan 2026-2027

- Direct contribution to the GP revision process
- Support to the Parties for the Implementation of the CLRTAP protocols
- Assessment of the impact of the Protocols
- Scientific tools for the Convention
- Scientific knowledge and production
- Prospective work

IMPLEMENTATION OF THE WORKPLAN

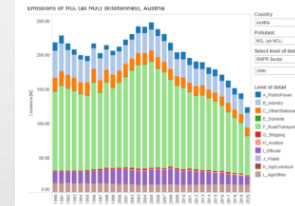
Emissions reporting and QA/QC as a basis for commitments and compliance checking

- Annual emissions reporting for the pollutants under the Convention
- Annual review process & adjustment applications
- Gridded data
- Projections

Core for the work under the Convention, much appreciated!

Data viewers

CEIP creates several dataviewers annually to visualize emission data, compliance emission reduction commitments as well as analyses of the submitted data for the CLRTAP review report. Links to those dataviewers can be found below.



Data viewer -
officially



Visualization of
emission



Inventory
Review 202

IMPLEMENTATION OF THE WORKPLAN

Specific attention/decisions during EB:

- Open data decision and the impact for CH₄ emissions reporting.
- Decision for adding “Compliance total” to the reporting format.
- The need for coordination between the LRTAP Convention and the UNFCCC concerning SLCP reporting; guarantee consistency!
- Request to draft a plan for improving (inventory guidance for) BC inventories

SCIENCE TO SUPPORT THE GP REVISION

New Emission Reduction Commitments

- Policy brief & updates prepared by TFIAM and CIAM:
 - Scenario's based on Parties reporting
 - Improved emission inventories
- *Ex post analysis*: impact on urban population, ex-post scenarios, ex-post impacts on effect-categories (WGE)

Potential aspirational/collective goal for BC

- BC inventories, workplan for improved inventories
- (health impacts: WHO)

Informal document

Version 6

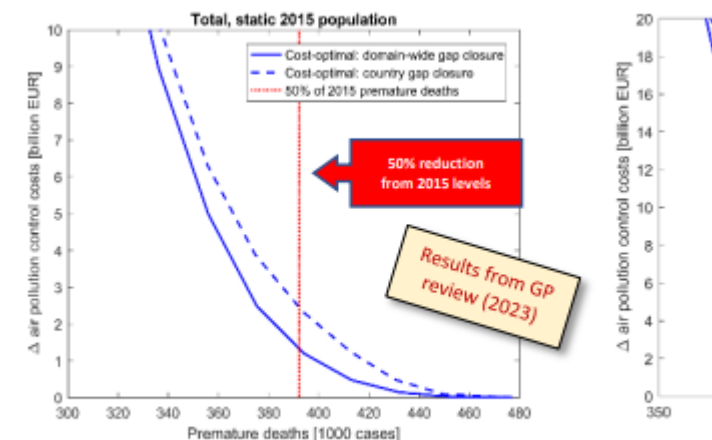
TFIAM/CIAM 19 Nov 2025

TFIAM/CIAM Policy brief on potential targets to reduce risks for health and ecosystems

Informal document prepared by the Task Force on Integrated Assessment Modelling and the Centre for Integrated Assessment Modelling, **version 6**, 19 November 2025.

Background

At its 61st meeting the Working Group on Strategies and Review first requested the Task Force on Integrated Assessment Modelling and the EMEP Centre for Integrated Assessment Modelling to provide a policy brief on the potential implications of introducing collective risk-based goals for the UNECE region to address air pollution impacts on health and ecosystems (work plan item 2 regularly. The policy brief for



Source: GAINS model (CIAM) - Chart based on analysis presented

SCIENCE TO SUPPORT THE GP REVISION

Whether and how to address CH₄

- Explore feasibility/utility of options including methane in revised protocol
- Document outlining options and data requirements for CH₄ data collection, depending on (potential) policy ambitions

Additional NH₃ reductions

- Mitigation options and costs (TFRN)
- Emerging technologies: e.g. impacts of NH₃ as an alternative fuel in shipping

GP REVISION PROCESS

Issue for Discussion during the upcoming WGSR (18 - 20 May)

Conclusion during EB in December 2026

Timeline might look like:

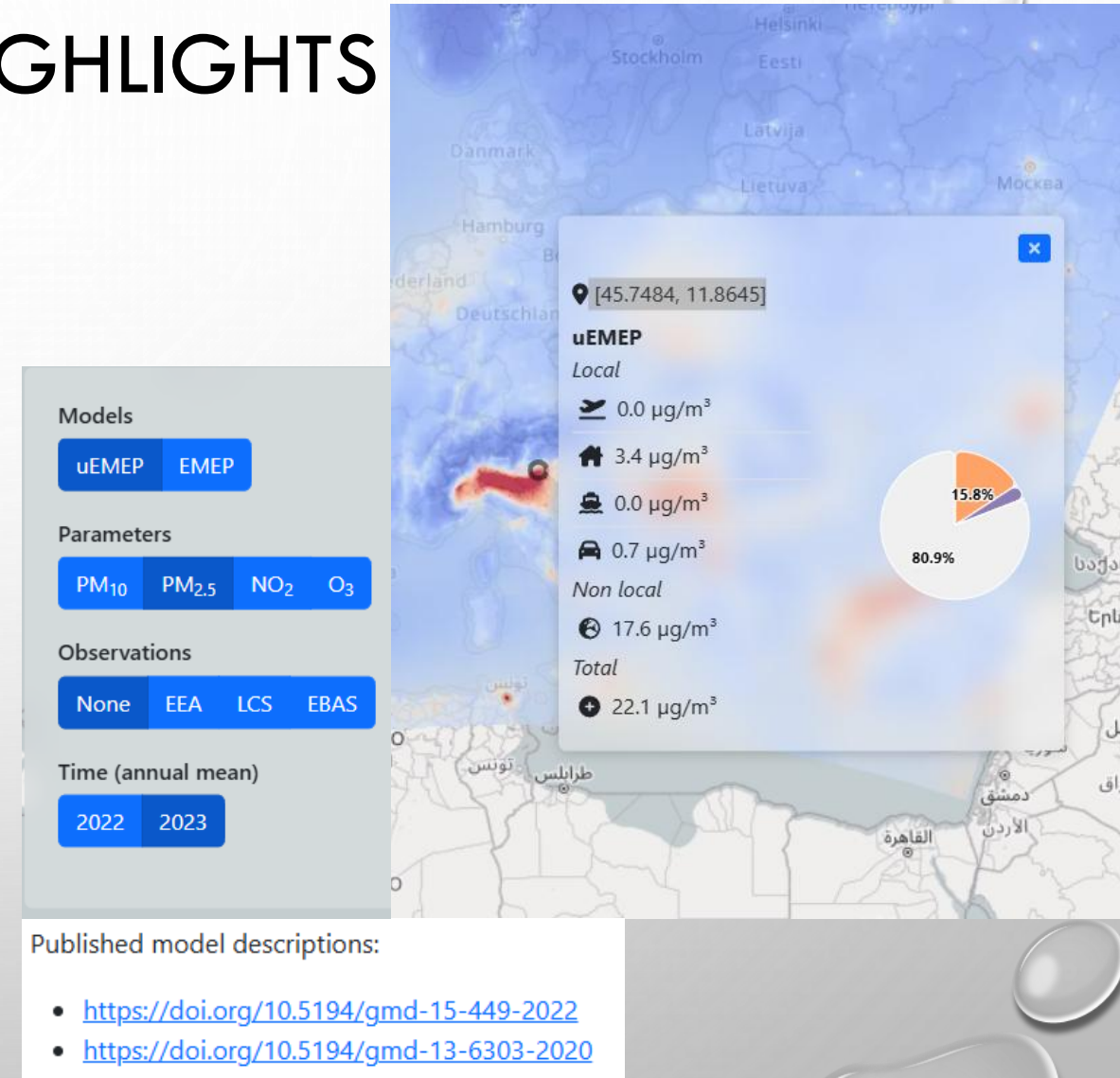
- Finalize the revision process by December 2028
- Final science support December 2027
- EMEP/WGE: September 2027

OTHER CONVENTION WORK, HIGHLIGHTS

Downscaling tool to enhance the **EMEP MSC-W**

model: uEMEP ([AEROMAP](#)).

- Provide insights into localized pollution levels in urban and densely populated areas
- Local source attribution: road transport, resid. combustion, shipping, aviation > gridded emission data, basis for modelling
- Important for calculating population exposure and health impacts
- Measurements (e.g. EEA dataset) & modelling compared
- PM_{2.5}: Additional data from Low Cost Sensors networks applied



EMEP WORKPLAN 2026 -2027

Discussion on priorities and budget.

Considerations:

- Lot of (complex, resource demanding) issues for GP revision.
 - revision of emission inventory guidebook. Budget not sufficient, despite EC support, for all chapters that need revision.
 - Request for workplan for better BC inventories
 - Add extra pollutants (CH₄) ?
- From science perspective: Not only policy support, also scientific knowledge, prospective work (e.g. inverse modelling, improve gridding for local modelling)

EMEP/WGE workplan 2026-2027

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Draft an overview of activities needed for scientific sound support of the ambition level expressed for the GP revision & make budget needs more visible.

**THANK YOU FOR YOUR
ATTENTION!**