

TFEIP 2021 – Progress and Plans (in particular the review of the GP)



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1 Workplan: Core Tasks

TFEIP

Planning the next EMEP/EEA Guidebook update

- TFEIP gathering information on priorities
- Likely to be 2023, rather than 2022

Outreach and Communications

- Annual meeting, newsletter... more webinars?
- Form a TFEIP Gothenburg Protocol Ad Hoc group?

2. Review of the GP: The EMEP/EEA Guidebook



	1. Review of obligations in relation to emission reductions		Comments
1.1	What is the status of meeting the 2020 emission reduction obligations by the Parties?	CEIP	
1.2	<p>a. What is the quality of reported emission data by parties in terms of comparability, completeness, consistency, accuracy and transparency?</p> <p>b. What are the uncertainties for key categories?</p> <p>c. What is the current coverage and quality of emission reporting for shipping?</p> <p>d. What are the key findings and recommendations of the stage 1, 2 and 3 reviews of the emission inventories reported by non-Parties to the Gothenburg Protocol?</p> <p>e. Is the EMEP/EEA air pollutant emission inventory guidebook sufficiently comprehensive and fit for purpose to support quality emission data? What are the main gaps and challenges? For which sectors and pollutants does the guidance need to be further improved? In what way?</p>	CEIP, TFEIP	Yes, the TFEIP should contribute.
1.3	<p>How do updated and most recently reported emission estimates for the base year 2005 compare to the 2005 estimates listed in tables 2–6 of annex II to the amended Protocol?</p> <p>For which pollutants and categories have Parties submitted an adjustment application between 2014 and 2020? What are the relative differences between reported totals and adjusted totals for these pollutants and categories for the historic years between 2010 and now?</p>	CEIP, TFEIP	These topics are for CEIP, and we don't see a role for the TFEIP here.
1.4	<p>a. What are the emission trends of the various pollutants from 2005–2018?</p> <p>b. What are the main causes of emission reductions? What is the relative contribution to these reductions of climate / energy, transport and agricultural policies and measures in the ECE region?</p> <p>c. What are remaining large emission sources?</p> <p>d. What are key sectors with large reduction potentials, specifically in Eastern, South-Eastern Europe and Turkey, the Caucasus and Central Asia?</p>	TFEIP, TFIAM CEIP??	These topics are primarily for CEIP. If we have a role in this, then it is likely to be very small.

2. Review of the GP: Black Carbon



	1. Review of obligations in relation to emission reductions		Comments
1.5	<p>a. To what extent have best available techniques and emission limit values and other technical provisions in annexes IV, V, VI, VIII, IX, X and XI been implemented...</p> <p>b. Have Parties implemented additional or newer source- oriented measures?</p> <p>c. Have Parties implemented other (non-technical or structural) measures that contribute in meeting the 2020 emission reduction obligations?</p> <p>d. What barriers identified by Parties and non-Parties to implement the obligations in the technical annexes?</p> <p>e. What barriers have been identified by the Parties to meet the 2020 emission reduction obligations?</p>	TFTEI, TFEIP CIAM, TFRN, Parties CEIP	If input needed from emissions inventories, then it will be CEIP rather than the TFEIP.
	2. Review of progress made towards achieving the environmental and health objectives of the Protocol		
2.7	Is the monitoring and modelling system of the Convention sufficient to observe, assess and project air pollution and its effects related to the Gothenburg Protocol in the ECE region? If no, what are the main challenges and what is needed to meet them?	WGE, EMEP	
	3. Review of adequacy of obligations in attaining the environmental and health objectives of the Protocol		
3.1	<p>a. What are the latest emission projections by the Parties, compared with the latest GAINS10-scenarios, taking into account recent climate, energy and agricul policies, new source legislations and latest updated emission inventories by the Parties? Will Protocol obligations be met based on latest emission projections?</p> <p>b. Are emission reduction obligations adequate for meeting long term env. and health protection targets...</p> <p>c. What are the estimated reductions based on the best available emission projections for non-Parties to the revised protocol? Will these reductions contribute to meeting long term environmental and health protection targets?</p> <p>f. What's the impact on emissions reductions of climate and energy measures in the long term (2030-2050)?</p>	CIAM, TFIAM, TFTEI, TFRN, TFEIP CEIP	These topics are for CEIP, and we don't see a role for the TFEIP here.
	Evaluation of mitigation measures for black carbon emissions		
4.1	What is the current coverage and quality of BC (elemental carbon and organic carbon) emission reporting?	CEIP, TFEIP	Yes, TFEIP should contribute

3. Review of the GP: Reporting Guidelines



TFEIP will provide reflection on the inventory reporting Guidelines

- **Adjustment procedures**
- **Mandatory vs voluntary** reporting
- **What PM & BC metrics** should be used?
- **Reporting emissions by fuel** as well as source?
- **Detail of LCP & gridded data** reporting etc.

- **Is it better to estimate some sources at the EMEP level?**
- **Clarity over the use of “non-official” datasets**

3. Review of the GP: Challenges



A conceptual challenge

- People may personally agree with changes that support **scientific development** within the Convention...
- However... the emissions inventory community may not support changes because they result in **unacceptably high additional burdens**

10 Year Strategy: Priorities for next 10 years?



1. Improving the emissions inventory *REPORTING*

- Improved targeting of the **review process**, improved review follow-up, selective capacity building, twinning Parties??
- Stronger **institutional arrangements** in Parties?
- Would **software** help?
- Can we move to reporting **emissions split by activity/fuel?**

10 Year Strategy: Priorities for next 10 years?



2. Improving the *SCIENCE*

- Methodologies that better account for **Climate Change?**
- Steering **source measurement programmes/research**
- Increased use of **innovative data sources** to compile or verify inventories'
- Funding for the **EMEP/EEA Guidebook**
- Improve ability to respond to “**initiatives**” across TFs/centres