



TFTEI

Under the Convention on Long Range Transboundary Air Pollution

Task Force on Techno-Economic Issues

“Review of the Amended Gothenburg Protocol (AGP). Possible contributions from TFTEI - EECCA CG”

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Review of the AGP

Premise

The following slides have the main purpose of illustrating the process of review of “The Amended Gothenburg Protocol”, its status of progress and the possible joint contribution from EECCA_CG-TFTEI.

Reference document:

ECE/EB.AIR/2020/3–ECE/EB.AIR/WG.5/2020/3

“Preparations for the review of the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone as amended in 2012”

«Подготовка к обзору Протокола о борьбе с подкислением, эвтрофикацией и приземным озоном, с поправками, внесенными в 2012 году»

A number of slides have been provided for courtesy of the WGSR Vice-Chairs Dominique Pritula and Till Spranger.

Gothenburg Protocol Review Group

- Tasked by WGSR Chair in consultation with the EB Bureau
– See EB Decision 2020/2
- **“Preparations for the review of the Protocol to Abate Acidification, Eutrophication, and Ground-level ozone, as amended in 2012 (2020/3).”** Includes the scope and content of the review and elaborates on the elements in EB Decision 2019/4.
- **Annex I** of the “Preparations” document provides a list of questions to the subsidiary bodies.
- Annotated Outline of the Draft Review (2021/X) has been prepared as official document for the 59th Session of the WGSR (18-21 May 2021).

Key Priorities of the review

- Initial focus on the legally required elements, including under article 10 of the Protocol (**black carbon** and **ammonia**); and broadly on existing elements like the **sufficiency** and **effectiveness** of current obligations and success in **achieving the Protocol's objectives**
- Review will also include elements meant to address gaps and additional inputs
- Gather information that will help inform recommendations and conclusions of the review to also support the increase in ratifications of Parties

Annex I of the “Preparatory” Document

- List of questions to help guide Subsidiary Bodies (EMEP SB, WGE, WGSR and IC) in preparing for the review
- Questions take into account the answers/inputs needed for the review elements (legal, existing, and gaps) in the main document
- EB40 added Item 1.1.5 added to the 2020-21 work plan for subsidiary bodies to carry out tasks to support the Review

Elements of the review as reflected in Annex I of the “Preparatory” Document

- Questions to Subsidiary Bodies of the Convention are related to:
 - Review of **obligations** in relation to emission reductions
 - Review of **progress towards achieving** the environmental and health **objectives of the Protocol**
 - Review of **adequacy** of obligations in attaining the environmental and health **objectives of the Protocol**
 - Evaluation of mitigation measures for BC emissions
 - Evaluation of ammonia control measures and consideration of the need to revise annex IX

Draft Outline of the Review Report

- Introduction
- Legal requirements for the review
- Emissions
- Measured and modelled atmospheric concentrations and deposition levels
- Measures and modelled effects on natural ecosystems, materials and crops and assessment of human health effects
- Emission reduction commitments for Parties
- Emission limit values, technical annexes and the related guidance documents of the Protocol (with priority given to black carbon and ammonia measures)
- Specific sector approaches (e.g., residential solid-fuel, agriculture, shipping)
- Non-technical measures, best available technology and energy-efficiency requirements
- Flexibility provisions
- Convention Parties that are not Parties to the Protocol
- Canada and the United States
- Hemispheric transport
- Integrated multi-pollutant, multi-effect approach,
- Synergies and interactions with other policy areas
- Progress towards achieving the objectives of the protocol
- Additional policy issues
- Conclusions

Inputs

- Annex I Questions: appropriate questions listed in each section
- Key documentation: see correlation table. Subsidiary bodies to add documentation to the table as well as reports or separate informal documents needed for the Review.
- Timeline for completion of input: Bodies to insert timing of products and completion of work to answer the Annex I questions.
- Resource implications (as appropriate): Bodies to add needs to complete work.

Actions needed

- Subsidiary Bodies to add text to appropriate sections explaining current efforts (half a page) and send to Secretariat by April 9.
 - Secretariat will collect and compile the inputs, and provide to the GPG for further streamlining
 - Over time, this information will evolve into the conclusions and recommendations of the review
- The next draft of the annotated outline (including your inputs after today) will become an **informal document** that will be used to supplement discussions **at WGSR59**
- That informal document will become Draft 1 of the Review Report.
- GPG will continue to work on Draft 1 over the summer and by **September 2021** it will become Draft 2, an official document for the EB in December
 - Note **10,000 word count limit**
- Progress on Draft 2 will be discussed at EB in December 2021, and further work on **the review will continue into 2022**

Timeframe

Meeting	Title of report tabled for consideration	Deadline
WGSR 58 / EB 40	<i>Preparations for the review (final)</i> <i>ECE/EB.AIR/WG.5/2020/3</i> <i>Consideration for ammonia relevant to future review of the Gothenburg Protocol</i> <i>Informal document on prioritizing reductions of PM to also achieve reduction of BC</i>	<i>25 September 2020 for official documents</i> <i>Evaluation per Article 10.3 & 10.4 (WGSR informal documents)</i>
WGSR 59 (18-20 May 2021)	First draft annotated outline on the Review	February 2021
TF/centre/ICP meetings	First draft of the report for the review Informal Document	<u>Initial Input April 2021</u>
EMEP SB/WGE meeting	Second Draft of report of the review ECE/EB.AIR/WG.#/##	September 2021
WGSR 60	Draft of report of the review ECE/EB.AIR/WG.#/##	February 2022
EB 42	Final report of review adopted/Conclude the Review	December 2022

GPG Members

- *Chair:* Kimber Scavo
- *WGSR Bureau:*
Ivan Angelov, Dominique Pritula, Till Spranger
- *WGE & EMEP SB Chairs:*
Isaura Rabago, Laurence Rouil
- *Invited experts:*
Richard Ballaman, Noe Megrelishvili, Peter Meulepas
- *Task Force Co-Chairs:*
Rob Maas & Stefan Åström (TFIAM); Claudia Marques dos Santos,
Tommy Dalgaard & Mark Sutton (TFRN); Tiziano Pignatelli &
Jean-Guy Bartaire (TFTEI)
- *Advisors:* Anna Engleryd (EB), Susanne Lindahl (EC)
- *Secretariat:* Alina Novikova

TFTEI_EECCA_CG Contribution



Proposals

Work together to contribute to the review process providing answers to the specific questions in Annex I, concerning the EECCA Countries. A review of the Questionnaire developed for the Berlin Workshop 2019, may help to find answers, especially on the implementation of BAT and regulating/permitting system.

Provide comments on the flexibility provisions of the AGP
(summary in Russian delivered for this workshop)

Questions in Annex I, concerning the EECCA Countries

1.4. d. What are key sectors with large reduction potentials, specifically in Eastern, South-Eastern Europe and Turkey, the Caucasus and Central Asia? (TFEIP, TFIAM)

1.4. d. Каковы ключевые секторы с большим потенциалом сокращения (выбросов), особенно в Восточной, Юго-Восточной Европе и Турции, на Кавказе и в Центральной Азии? (ЦГКПВ, ЦГРМКО)

Questions in Annex I, concerning the EECCA Countries

1.6.b. Which technical annexes should be adapted to better address key sectors in Eastern, South-Eastern Europe and Turkey, the Caucasus and Central Asia? (TFTEI, TFRN)

1.6.b. Какие технические приложения следует адаптировать, чтобы лучше охватить ключевые сектора в Восточной и Юго-Восточной Европе и Турции, на Кавказе и в Центральной Азии? (ЦГТЭВ, ЦГХАА)

TFTEI_EECCA_CG Contribution

Questions in Annex I, concerning the EECCA Countries

3.1.g. What are the latest improvements of the GAINS model with respect to scenario development (i.e. cost updates)? What is the state of play of the GAINS model with respect to applied data for countries in Eastern, South-Eastern Europe and Turkey, the Caucasus and Central Asia? (CIAM, TFIAM, TFTEI, TFRN, TFEIP)

3.1.g. Какие аспекты модели GAINS в плане разработки сценариев были в последнее время усовершенствованы (т. е. обновленные показатели издержек)? Каково состояние модели GAINS в отношении прикладных данных по странам Восточной и Юго-Восточной Европы и Турции, Кавказа и Центральной Азии? (ЦМКО, ЦГРМКО, ЦГТЭВ, ЦГХАА, ЦГКПВ)

Questions in Annex I, concerning the EECCA Countries

6.1.a. Are current **flexibility provisions** adequate and/or effective for ratification and implementation (focus on Eastern, South-Eastern Europe and Turkey, the Caucasus and Central Asia)? (**WGSR**)

6.1.a. Являются ли нынешние **положения о гибкости** адекватными и/или эффективными в плане ратификации и осуществления (уделить особое внимание Восточной и Юго-Восточной Европе и Турции, Кавказу и Центральной Азии)? (**РГСО**)

Questions in Annex I, concerning the EECCA Countries

6.1.b. What new flexibilities and/or approaches would potentially help non-Parties to move towards ratification and implementation?
(WGSR)

6.1.b. Какие новые гибкие возможности и/или подходы потенциально могли бы помочь государствам, не являющимся Сторонами, ратифицировать и внедрить (протокол)?(РГСО)

Questions in Annex I, concerning the EECCA Countries

6.1.c. What are other options for achieving emission reductions (in lieu of technical annexes)? (**WGSR**)

6.1.c. Каковы другие варианты достижения сокращений выбросов (вместо технических приложений)? (**РГСО**)

TFTEI_EECCA_CG Contribution

Questionnaire of the Berlin Workshop 2019

Since **May 2019**, date of the **second Berlin Workshop on BAT**, have you made progress in the implementation of the BAT concept and integrated permitting? Please provide details.

Со времени второго Берлинского семинара по НДТ в мае 2019 года, достигнут ли прогресс в реализации концепции НДТ и комплексного природоохранного разрешения? Пожалуйста, расскажите подробнее.

TFTEI_EECCA_CG Contribution

Questionnaire of the Berlin Workshop 2019

What are the obstacles to the implementation process (legislative, economic, structural, data availability, etc.)? Do you think that the BAT concept can be implemented in your country sooner or later under the present conditions or would your legal framework of permitting for industrial installations need further implementation/adaptation/change?

Каковы препятствия на пути реализации (законодательные, экономические, структурные, наличие данных и т.д.)? Считаете ли Вы, что концепция НДТ может быть внедрена в вашей стране рано или поздно в нынешних условиях, или ваша правовая основа для выдачи разрешений промышленным предприятиям нуждается в дальнейшей реализации / адаптации / изменении?

Conclusions

TFTEI and EECCA_CG may provide a joint contribution to the review process, answering relevant questions in the Annex I. A review of the Berlin workshop questionnaire might be helpful.

ЦГТЭВ и ВЕКЦА могут внести совместный вклад в процесс обзора, ответив на соответствующие вопросы, содержащиеся в приложении I. Может оказаться полезным обзор вопросника рабочего совещания в Берлине.

Conclusions

Further implementation of BAT in the EECCA region can significantly facilitate the compliance with the requirements in the technical annexes to Gothenburg Protocol and, ultimately, facilitate the ratification.

Дальнейшее осуществление НДТ в регионе ВЕКЦА может значительно облегчить соблюдение требований, содержащихся в технических приложениях к Гётеборгскому протоколу, и, в конечном счете, облегчить процесс ратификации.

Conclusions

The flexibility mechanism should be carefully analyzed and possibly improved also exploring alternative ways. Comments from EECCA would be extremely useful.

Следует тщательно проанализировать и, возможно, усовершенствовать механизм обеспечения гибкости, а также изучить альтернативные пути. Замечания стран ВЕКЦА были бы очень полезными.

Thank you very much for your kind attention !

Большое спасибо за ваше внимание !

ЦГТЭВ Веб-сайт :

<http://tftei.citepa.org/ru/home/about-us>