

TFTEI

Under the Convention on Long Range Transboundary Air Pollution

## Task Force on Techno-Economic Issues

“Status of progress in the implementation of  
the workplan 2018-2019”

TFTEI activities

Reference documents: [ECE/EB.AIR/2019/1](#)

*Co-Chairs:*

*Jean-Guy Bartaire (France) and Tiziano PIGNATELLI (Italy)*

## *2.3 - Techno-economic issues*

### *2.3.1 - Workshop to promote awareness and understanding of control techniques, in particular in Eastern Europe, the Caucasus and Central Asia*

The workshop took place in Berlin, May, 14-16, hosted by the Federal Government of Germany. 56 participants attended the workshop, including representatives of Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Ukraine, Uzbekistan, Russian Federation and also India and China. Representatives of UN-ECE Secretariat, UN-ECE Minamata and OECD also attended the workshop.



*2.3.2 - Further development of techno-economic tools for estimating costs of implementing BAT and complying with the requirements of the Gothenburg Protocol in different sectors and its promotion, in particular in Eastern Europe, the Caucasus and Central Asia.*

New technical reports have been completed and others are in progress. In particular, the reports on abatement of VOC emissions of in the **coating of passenger cars** and **packaging printing sector** (flexography, rotogravure and laminating coating) have been completed. The reports on the cement industry and on the aluminium industry are in the process of finalization.

*2.3.3 - Disseminate the methodology and update the related tool for the analysis of GAINS scenarios to estimate the potential technical upgrade to be implemented in the EECCA countries in accordance with the Gothenburg Protocol. Provide assistance to the EECCA experts in the application of this methodology.*

The potential users of the methodology are currently limited to Belarus and the Russian Federation, only, for the moment. The Task Force remains ready to provide support upon show of interest from other experts.

### *2.3.4 - Collect and provide data for inclusion in the GAINS model, in cooperation with CIAM and other institutions and organizations*

This activity is part of the “institutional” activities mentioned in the revised mandate of the Task Force. From time to time, when new data become available, checks are made with CIAM to consider the new data for inclusion in GAINS.

### *2.3.5 - Annual TFTEI meetings to exchange information on techno-economic issues and network*

The fourth annual meeting (2018) of the Task Force took place in Brussels, on the 16th of October 2018), along with two back to back informal technical sessions (October, 15<sup>th</sup> and 17<sup>th</sup>, 2018).

The Task Force meeting was attended by 37 experts, including those from Austria, Belarus, Belgium, the European Union, France, Germany, Italy, Kyrgyzstan, Sweden, the Netherlands, the Russian Federation, Switzerland and Ukraine.

Venue and place of the 2019 Annual TFTEI meeting will be announced during the WGSR\_57.

*2.3.6 - Continue to develop and promote the regional Clearinghouse of Control Technology information for primary emissions of NO<sub>x</sub>, sulphur dioxide, VOCs and PM, including SLCPs, heavy metals and POPs*

The Clearinghouse of Control Technology is regularly updated and new documents, after careful analysis by the Clearing House Evaluation Committee, are considered for inclusion. In particular, a new web page on mobile sources is under development, with information on road vehicles, non-road mobile machinery and inland waterways ships.

The extension of the pages in Russian language is still one of the future priorities, when new financial resources will be available.

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### *2.3.7 - Promote the guidance document for estimation and measurement of VOCs emissions*

The guidance document, adopted by the Executive Body at its thirty-sixth session (Geneva, 15–16 December 2016), is promoted to possible extent, especially for the benefit of the EECCA experts. In this respect, the Joint EECCA\_CG/TFTEI, which took place in Saint Petersburg, on 19-20 September, 2018, has been a great and successful opportunity to illustrate and discuss the subject of the guidance document.

### *2.3.8 - Integration of additional measures in the TFTEI Clearing House for Control Technologies, and development of a code of good practice for solid-fuel burning and small combustion installations based on BAT*

The code of good practice for solid-fuel burning and small combustion installations has been completed and it is available among the official documents of the current WGSR Session (ECE/EB.AIR/WG.5/2019/4).

The code is the subject of a dedicated presentation.



## TFTEI activities in the workplan 2018-19

*2.3.9 - 2.3.10 (synthesis title) Review of the control costs currently used with a view to improve, on an ongoing basis, the cost-effectiveness analyses produced by the GAINS model - Produce a report for Policy makers that clearly sets out the costs of controls versus the costs of inaction to encourage ratification and implementation of the protocols*

The two tasks are in common with TFIAM. The focus of the review and update of cost data still remain on the EECCA countries and should be based on communications on the outcome of national research by Parties to the Centre for Integrated Assessment Modelling. The issue of cost of inaction would need dedicated funds for deepening the analysis. A remarkable study from OECD is available at <http://dx.doi.org/10.1787/9789264257474-en>



## TFTEI activities in the workplan 2018-19



*2.3.10 Produce a report for policymakers that clearly sets out the costs of controls versus the costs of inaction to encourage ratification and implementation of the protocols, in cooperation with TFIAM*

The two task forces will cooperate further to identify relevant documents, data, and national experts to be involved in the work. The Parties are invited to contribute in kind with their experts or by voluntary donations to develop a new supplementary analysis, focuses on the EECCA countries.



## TFTEI activities in the workplan 2018-19

*1.1 Improving tools to assess air pollution and its effects in the ECE region*

*1.1.1 Monitoring and modelling tools*

*1.1.3.1 Analysis of the effectiveness of the implementation of the Protocol on POPs*

This activity is jointly assigned, in the workplan, to MSC-E and TFTEI.

MSC-E has developed a number of analysis of trends, key sources and projections, in relation with the POP Protocol implementation. The results will be published in the report to EMEP Steering Body (September 2019)



## TFTEI activities in the workplan 2020-21

### *Activities of the Task Force in the new workplan 2020-2021*

According to the revised Mandate of the Task Force some new activities are expected to be included in the workplan 2020-2021. In particular:

- Initiate work to assess information on emission abatement technologies for the reduction of the atmospheric emissions of methane from key sources with the exception of the agricultural sector
- Initiate work to assess information on emission abatement technologies for the reduction of air pollutant emissions from marine shipping.



## TFTEI activities in the workplan 2020-21

### *Activities of the Task Force in the new workplan 2020-2021 (cont'd)*

2.2.1 Development of guidance in relation to prioritizing reductions of particulate matter that are also significant sources of black carbon (in collaboration with TFIAM).

2.2.2 Reduction of emissions from agricultural residue burning (in collaboration with TFRN)

## TFTEI activities

Thank you for your kind attention

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