

EGTEI – Expert Group on Techno-economic Issues

Co-Chairs' report to the
52nd Session of the WGS&R
State of progress in the work of the EG
(ECE/EB.AIR/WG.5/2014/2)

Premise

This presentation refers to the activities carried out by EGTEI between May 2013 and June 2014, according to the work plan adopted by the Executive Body at its 31^o Session, December 2013 (ECE/EB.AIR/122/Add.2).

The activities are grouped according to the item numbering in the work plan 2014-2015. This presentation is based upon the Chairs' Report (ECE/EB.AIR/WG.5/2014/2) and includes the latest updates after the submission of the report to the UN Secretariat.

2.2 A– Development and promotion of Guidance Documents

Item 2.2.1 - Develop guidance document on control techniques for emissions of sulphur, NOx, VOCs and dust (including PM10, PM2.5 and black carbon) from mobile sources and its translation into Russian

At the end of 2013, the European Commission assigned a contract to IIASA (CIAM) and EMISIA (Greece) to provide the necessary technical background on available control techniques (BAT) for mobile sources. A first draft report has been delivered to EGTEI on the 4th of June, and circulated among the EGTEI Members. The draft report will be presented by the EC experts at a technical meeting, on the 9th of October, back to back the annual plenary meeting of EGTEI (10th of October, Brussels). The work financed by the European Commission will be the basis for the development of the Guidance Document on mobile sources, expected to be delivered by 2015.

Item 2.2.2 Workshops in 2014 to promote awareness and understanding, in particular in countries of Eastern Europe, the Caucasus and Central Asia (EECCA), of the Guidance document on control techniques for emissions of sulphur, NO_x, VOCs and particulate matter (including PM₁₀, PM_{2.5} and black carbon) from stationary sources.

The workshop, originally planned in June 2014, back to back the annual Congress ATMOSPHERE in Saint Petersburg, has been postponed, possibly to 2015, since the congress has been cancelled. The full participation of the experts from the EECCA countries is the key requirement for this activity.

2.2 B– Collection and analysis of data and further development of methodologies

Item 2.2.4 Develop an update to the mandate of the Expert Group on Techno-Economic Issues

A draft new mandate has been prepared by the Co-Chairs of EGTEI and delivered to the UN Secretariat as Annex to the Chairs' Report, in view of the expected transformation of the Expert Group in Task Force. The new mandate extends to POPs and Heavy Metals the activities usually being carried out by EGTEI on the pollutants referring to the Gothenburg Protocol.

EGTEI is waiting for the outcome of the 52nd session of WGSR to discuss the new mandate among its members, at the upcoming EG plenary meeting.

Item 2.2.5 Develop a techno-economic tool as an evolution of the methodologies for evaluating costs in the Large Combustion Plants Sector

At the plenary meeting of the EG, CITEPA has presented the latest development of the cost methodology, now applied to Plants > 50 Mw, along with examples of applications and illustrated the ad hoc Excel tool developed for calculations. The documentation and the tool have been circulated among the EGTEI members and Industrial Associations for comments and testing, and will be also delivered to the Institute for Prospective Technological Studies (*IPTS*) *Seville* for the purposes of the LCP BREF revision. A special testing is planned in cooperation with CEFIC on 50 -300 MWth range plant capacity. The updated version of the tool will be presented at the EGTEI plenary meeting, in October .

Item 2.2.6 Analyse the available Gothenburg GAINS scenarios to estimate the technical upgrade to be implemented by countries of Eastern Europe, the Caucasus and Central Asia in order to comply with the Gothenburg Protocol. Organize workshop/bilateral consultations

At the annual plenary meeting, held in Nice on the 18th of October 2013, the results of the application of the EGTEI/GAINS methodology to PM emissions from Power Plants have been presented (examples sheets for Ukraine and Russian Federation). The intermediate report on the results achieved is being drafting and will be delivered to the UN Secretariat and made available on the EGTEI website, asap, after the usual circulation among the EGTEI experts (including EECCA's) for comments and review. As agreed at the plenary meeting, the activity will continue considering other sectors (i.e. Industrial Boilers) and pollutants from combustion (i.e. SO_x, NO_x).

Item 2.2.7 Collect and provide up-to-date data for cost modelling for BAT; conduct workshop with IIASA experts as necessary

The cooperation with IIASA is continuing in updating the technical data in the GAINS databases, as soon as new information become available from the sector experts

An ad hoc technical meeting is being organized to present the Excel Tool on Cost Methodology, developed by EGTEI, to the IIASA experts.

Item 2.2.9 – Annual meeting of the Expert Group

The Expert Group held its annual plenary meeting, in Nice on the 18th of October 2013, organized by France.

Twenty-three experts participated in the Expert Group plenary meeting including experts from 11 Parties to the Convention and representatives from the European Industrial Associations and the private industry sector. Ukraine and Russian Federation (as EECCA countries) attended the meeting. The participation of the expert from Ukraine, Russian Federation and the former Yugoslav Republic of Macedonia was financially supported by France. Simultaneous translation English-Russian was provided by the French organization of the meeting. The progress in the implementation of the work plan and the new mandate for the new Task Force were discussed.

Item 2.2.12 – Serve as a regional clearinghouse of control technology information for primary emissions of NO_x, sulphur dioxide, VOCs and PM, including SLCPs, heavy metals and POPs

The Expert Group has discussed the organization of the clearinghouse. The most appropriate arrangement seems to be an interactive website (hosted by CITEPA) which will allow registered users, both experts and non experts from the larger public, to be constantly in touch with the EGTEI Experts, to receive and share the relevant information.

Miscellaneous

Acknowledgements are due to:

- 1) the European Commission for their valuable work on the mobile sources, determinant for the development of the Guidance Document on the Mobile Sources.
- 2) The Task Force on Heavy Metals and its Chair for the effective cooperation, already in progress with EGTEI, in view of the joint work expected in 2015 and beyond.

Next EGTEI Meeting

Brussels, Belgium

October 9-10, 2014

Thank you for your attention !