

EGTEI

Expert Group on Techno-Economic Issues Activities under the LRTAP Convention

Presented by
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Presentation Outline

- 1) Institutional Tasks of EGTEI under the LRTAP Convention
- 2) Future perspectives

Institutional Tasks of EGTEI under the LRTAP

The most remarkable task carried out by EGTEI, in the recent years, has been the revision of the Technical Annexes to the Gothenburg Protocol. In particular:

- 1) Annex IV on sulphur emissions sources
- 2) Annex V in nitrogen emissions sources
- 3) Annex VI on VOC emissions sources
- 4) Annex VIII on fuel and mobile sources
- 5) A new annex on Particulate Matter
- 6) A new annex on Solvent Content of Products
- 7) Guidance Documents to the Protocol

Institutional Tasks of EGTEI under the LRTAP

Other significant works carried out by EGTEI:

- 1) Work to characterize PM and black carbon emission in Small Combustion Installations (SCI) (from the domestic appliance to the plant of 50 MWth), in cooperation with the Swiss Experts

Future Perspectives

From : “Draft 2012-2013 Workplan for the implementation of the Convention on Long-range Transboundary Air Pollution” – EB-2011 ECE/EB.AIR/GE.1/2011/10– ECE/EB.AIR/2011/5

The Expert Group will:

- (a) Continue the work on emerging techniques in combustion plants with a capacity lower than 500 MWth and provide a report by the beginning of 2012:

Work carried by KIT, chaired by ADEME (French Environment Agency) to identify and evaluate Emerging Technologies in LCP Sector, 50-500 MW capacity

Report available as an informal document for the next WGSR, september 2012

Future Perspectives

The Expert Group will:

(b) Continue the cooperation with the Coordinating Group on the promotion of actions towards implementation of the Convention in EECCA:

(i) Potential implementation of pilot studies on emission abatement cost assessment for electricity generation and other sectors in countries of the subregion:

Ongoing project on an electricity generation plant (Apatity plant in the Russian federation);

Next sector : storage in refineries in Belarus

Organization of training sessions on cost methodology for EECCA national experts.

Future Perspectives

The Expert Group will:

(b) Continue the cooperation with the Coordinating Group on the promotion of actions towards implementation of the Convention in EECCA:

(ii) Joint session of the Coordinating Group for Eastern Europe, the Caucasus and Central Asia and the Expert Group within the Atmosphere-2012 Congress (16–18 April 2012);

(iii) Projects on translation of relevant documents on techno-economic issues into the Russian language:

Guidance document translated by the Russian Federation with a financial support of Switzerland

Last modifications on guidance doc to be translated

Future Perspectives

The Expert Group will:

(c) Continue to cooperate with the Centre for Integrated Assessment Modelling (CIAM) to improve quality of the data concerning the electricity production and iron and steel production sectors in the Greenhouse Gas and Air Pollution Interactions and Synergies (GAINS) model;

Work in progress. Proposal for Iron and steel industries welcome by IIASA as well as proposals made for LCP

(d) Continue to update the methodology developed by the Expert Group for large combustion plants (LCPs) and refineries. Parties are invited to nominate experts for this task;

Work in Progress. 3rd meeting in June. Road map defined (plants > 50 MW; not only fossil fuel but also biomass; gas turbines also considered: extension of the type of reduction techniques considered

Future Perspectives

The Expert Group will:

(e) Continue to cooperate with the European Integrated Pollution Prevention and Control Bureau, including updating cost data of BAT reference documents for some industry sectors;

Participation of an expert from the European IPPCBureau in the subgroup on LCP.

Delivery of the work to IPTS when finalised

(f) Continue to explore further work on black carbon, in cooperation with other technical bodies of the Convention.

Guidance document being updated with information on reduction techniques for BC

Future Perspectives

(g) Continue the cooperation with the Institute for Prospective Technological Studies in Seville;

(h) Report on progress in the work to the Working Group on Strategies and Review.

Reference

The works of EGTEI are regularly published on the official Web Site of EGTEI :

http://www.citepa.org/forums/egtei/egtei_index.htm

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Next EGTEI meeting : Nice 12 June 2012