

The role of EGTEI in LRTAP

History and Future

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Co-Chairmen of EGTEI

Presentation Outline

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- 2) Institutional Tasks of EGTEI under the LRTAP Convention
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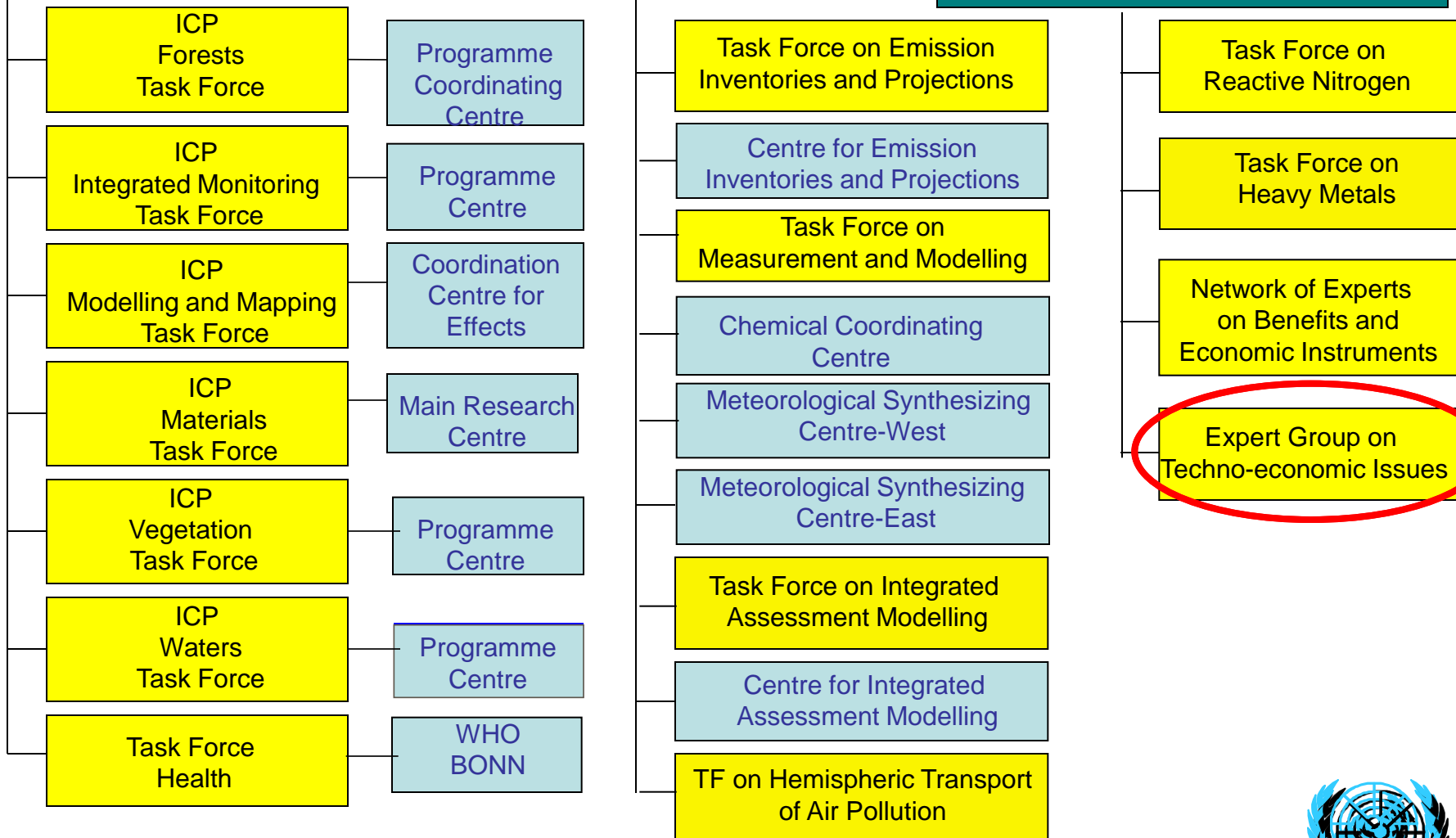
EXECUTIVE BODY

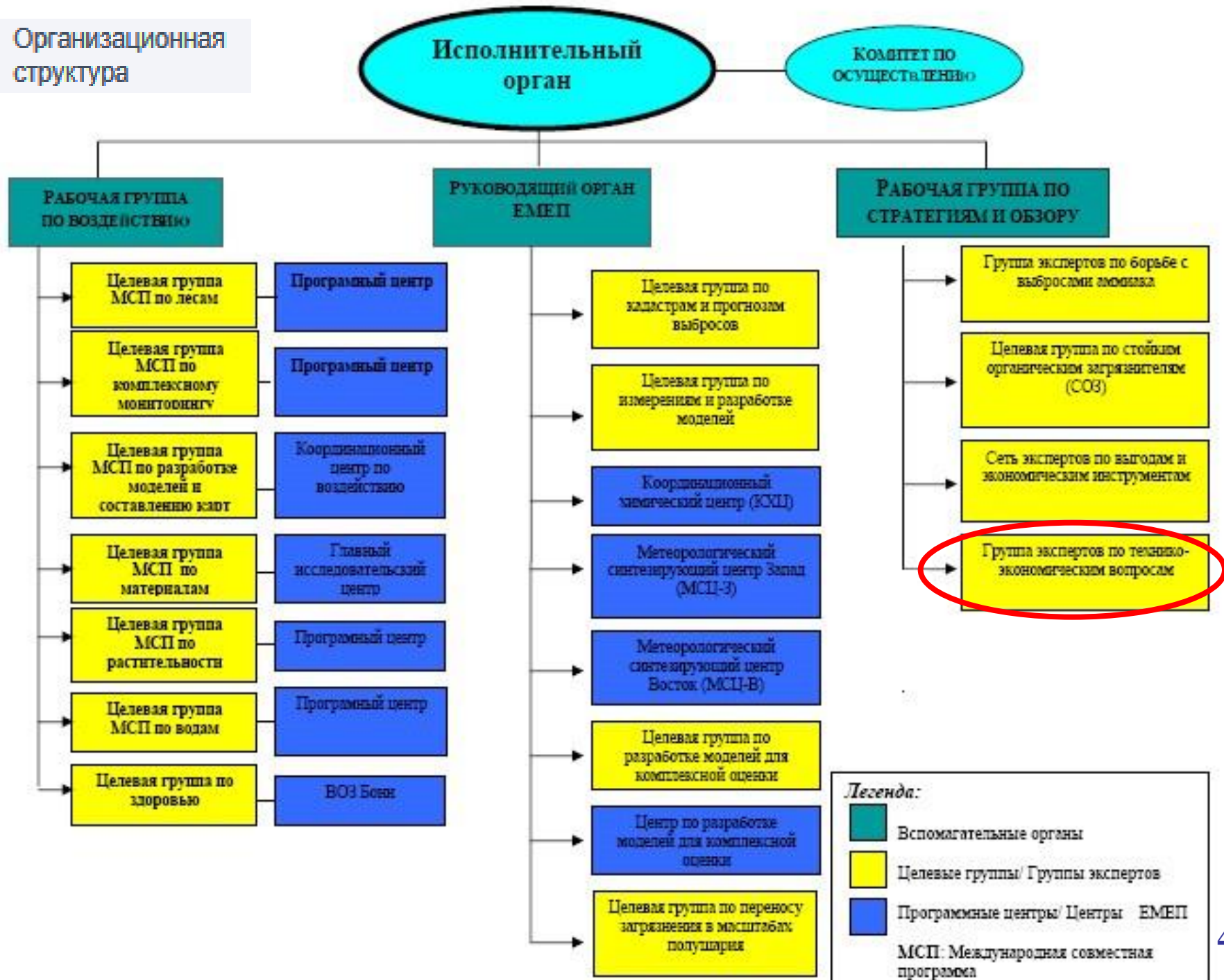
IMPLEMENTATION COMMITTEE

WG EFFECTS

EMEP

WG STRATEGIES AND REVIEW





Brief historical hints

At its 19th session, held in December 2001, the Executive Body (doc. **ECE/EB.AIR/75 of 16/01/2002**) of the United Nations Economic Commission for Europe (**UN-ECE**) Convention on Long Range Transboundary Air Pollution (**CLRTAP**) approved the establishment of the Expert Group on Techno-Economic Issues (EGTEI), under the leadership of France, as a follow up of a proposal from the French Ministry of Ecology and Sustainable Development (MEDD) (doc. EB.AIR/WG.5/2001/8 of 12/07/01).

Institutional Tasks of EGTEI under the LRTAP

The updating of the existing techno-economic databases, related with the emission reduction technologies (technical characteristics and costs of implementation), for the purposes of the revision of such data, as part of the existing Protocols and its Annexes, is the main institutional task of EGTEI.

More recently, EGTEI has been given the task of assisting EECCA Countries in a number of technical activities aimed at improving their technology knowledge and assets.

Since 2006 EGTEI is co-chaired by France and Italy.

Organizational structure of EGTEI

The Co-chairmen of the Expert Group are advised by a steering committee comprising representatives of EDF (Electricite' de France), CITEPA (Interprofessional Technical Centre for Studies on Atmospheric Pollution, France), KIT (Karlsruhe Institute of Technology, Germany) and ADEME (French Agency for Environment and Energy Management). CITEPA and KIT are the technical secretariat of EGTEI.

ADEME conducts technical tasks, according to the EGTEI LRTAP workplan, as decided by EB, at its regular sessions in Geneva. ADEME also financially supports the activities of the Expert Group.

Organizational structure of EGTEI

More than 20 Parties of LRTAP have nominated their national experts as members of EGTEI. Recent new entries: Croatia, Republic of Macedonia, Ukraine.

A large number of EU industrial and manufacturing associations regularly attend the meetings of EGTEI, as well as experts from other bodies of CLRTAP according to the issues and tasks included in the workplan.

EGTEI cooperates with TFIAM, TFHM, EGBC and the Institute for Prospective Technological Studies (IPTS), in Seville (Spain), as Joint Research Centre of the European Commission.

Plenary and ad hoc technical meetings are convened according to the needs of the workplan and reports are agreed among the members of the EGTEI before submission to the UN Secretariat .

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) Development of a new Annex on Particulate Matter
- 6) Drafting a technical 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:

- a) Work aimed at achieving a better modelling of the Power Plant Sector and the Iron & Steel Sector in the GAINS Model, in cooperation with IIASA
- b) Work on better definition of costs, in the Power Plant Sector, in cooperation with IPTS Seville (EU Commission Research Centre)
- 3) Work carried out by ADEME (French Agency) to identify and evaluate Emerging Technologies in LCP Sector, 50-500 MW capacity
- 4) Work to characterize Black Carbon emissions sources, in (Small Combustion Installation (SCI) sector, in cooperation with Swiss Experts

Organizational structure of EGTEI

According to the characteristics of its several components, EGTEI is then a natural forum of discussion where industry, national administrations and research community have the opportunity to propose their arguments and instances, in a constraint-free, open and constructive debate.

This was the main purpose of the creation of EGTEI and that's why there are 2 Co-Chairs, coming respectively from Industry and National Administration Agency.

Cooperation with the EECCA Countries

The cooperation between EGTEI and the EECCA Countries began with the participation of Andrey Nedre and Alexander Romanov (SRI Atmosphere) at the plenary meeting of EGTEI, held in Rome in 2010.

In the frame of the competences of the Expert Group, the intention of EGTEI was to offer to the Russian Federation and the EECCA Countries, technical assistance in exploring the potential of technological upgrade in their productive system and related cost-benefit analysis in terms of emission reductions and costs of implementation.

The pursuing of this objective was led by the conviction that the successful revision of the Gothenburg Protocol was definitely linked to the full participation of the EECCA countries in the process .

Cooperation with the EECCA Countries

Therefore, the Leader of the Coordinating Group for EECCA Countries, under UN Convention LRTAP, and EGTEI have developed a plan for common activities to be included in the official workplan of EGTEI. In details:

- a) A pilot project study, for the analysis of costs of implementation of abatement technologies, applied to the selected Apaty Power Plant (in the Russian Federation) in compliance with the Gothenburg options.
- b) Explore the extension of this methodology to other sector and other EECCA countries.
- c) Translation of the Guidance Documents in Russian Language
- d) Organization of training sessions on cost methodology for EECCA national experts.

Cooperation with the EECCA Countries

Recently, EGTEI has developed a document “VOC monitoring issues in the Gothenburg Annex VI”, with the main objective of assisting the EECCA countries on how to correctly manage VOC monitoring data, to check the compliance with the VOC Emission Limit Values (ELVs).

Again, EGTEI has offered the opportunity of special sessions on this issue, organized in EECCA countries.

Future Perspectives

The re-organization of the LRTAP Convention poses new challenges to EGTEI. Indeed, as decided by the EB, at its 32nd session, the EGTEI competence will include the work of the dismissed Task Force on POPs and, from 2015, the work on Heavy Metals, as the related Task Force Experts will merge into EGTEI. Again from 2015, following the upcoming decision of EB, at its 33rd session, EGTEI will be upgraded to Task Force on Techno-Economic Issues (TFTEI). Under the new structure of LRTAP, the new TFTEI will then address issues concerning the abatement technologies of ALL the pollutants, relevant to LRTAP.

Reference

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

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

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Thank you for your attention !