

**FORTY-SEVENTH SESSION OF THE  
WORKING GROUP ON STRATEGIES AND REVIEW**  
Geneva, 30 August–3 September 2010

**(Unedited)**

**Conclusions adopted by the Working Group on 3 September 2010**

**I. ADOPTION OF THE AGENDA**

The Working Group adopted the agenda of the meeting as set out in ECE/EB.AIR/WG.5/101.

**II. ADOPTION OF THE REPORT OF THE FORTY-SIXTH SESSION OF THE  
WORKING GROUP**

The Working Group adopted the report of its forty-sixth session as set out in document ECE/EB.AIR/WG.5/100.

**III. OPTIONS FOR REVISING THE GOTHENBURG PROTOCOL**

1. The Working Group

(a) Welcomed the contributions made by the task forces, expert groups and centres to the work on the revision of the Gothenburg Protocol;

(b) Considered the draft revised Protocol text as presented in informal document 1 and invited the secretariat to prepare an official document for its next session in April 2011, reflecting the discussions by the Working Group on options for revising the Protocol at its sessions in 2009 and 2010; indicating proposed changes to the current text of the Protocol and pointing out the provisionally agreed amendments so far;

(c) Took note of the further work by the ad hoc group of technical experts on the draft revised annexes IV, V, VI, VIII and the proposed new draft annexes on dust and on solvent content of products, that had been presented in documents ECE/EB.AIR/WG.5/2009/17-22, and invited the Chair of the ad hoc group to prepare a document for consideration at the forty-eight session of the Working Group in April 2011, listing the amendment proposals made since the forty-fifth session of the Working Group, indicating the three proposed options for emission limit values and providing additional information on costs;

(d) Requested the Expert Group on Techno-economic Issues to provide information to CIAM on the options for the emission limit values included in the draft revised technical annexes and to collaborate with the Task Force on Integrated Assessment Modelling in the analysis of cost-effective emission reduction strategies;

(e) Stressed the importance of translating into Russian the draft revised guidance documents I to V to the Gothenburg Protocol adopted by the Executive Body (decision 1999/1) and invited the delegations to explore possibilities to support the translation;

(f) Took note of the suggestions by the European Union for introducing flexibility to the assessment of compliance by Parties with their emission ceilings and for providing guidance to Parties for adjusting their emission inventories (informal document 19);

(g) Invited the secretariat together with the Chair of the Working Group to include in the forty-eighth session of the Working Group, in April 2011, at least a one day session with interpretation focusing on revisions to technical annexes to the Gothenburg Protocol and the Protocol on Heavy Metals.

### Integrated assessment modelling

#### 2. The Working Group:

(a) Considered options for target setting - for Parties within the geographical scope of EMEP - presented by the Task Force on Integrated Assessment Modelling and CIAM ( informal document 8); Supported the effects based approach for target setting and concluded that in particular the national and Europe-wide gap closure and optimization options 3 and 4 should be further explored, as well as the option 2 for achieving equal ecosystem improvements across countries ;

(b) Invited the Task Force on Integrated Assessment Modelling and CIAM to further explore the 'hybrid' scenarios of options 3 and 4 combined with some aspects of the option 2; and to provide further information on other gap closure percentages (in the range of 25 to 75 per cent), for presentation at the forty-eight session of the Working Group in April 2011;

(c) Invited the Task Force on Integrated Assessment Modelling and CIAM to analyze the sensitivity of scenario results for different assumptions on baseline developments (including additional GAINS model simulations on higher emissions for road transport reflecting EURO standards IV, V and VI and also on the choice of the baselines (PRIMES and national)) and to publish on the internet all relevant input data and scenario results for each country;

(d) With reference to the key technical measures for emission reduction in the countries with economies in transition that had been proposed by CIAM at the forty-first session of the Working Group in 2008 ([http://www.iiasa.ac.at/rains/reports/CIAM%20report%201-2008v2\\_RU.pdf](http://www.iiasa.ac.at/rains/reports/CIAM%20report%201-2008v2_RU.pdf) ), invited CIAM together with the Task Force on Integrated Assessment Modelling to further assess the measures that could contribute to the achievement of cost-effective emission reduction strategies;

(e) Requested the Task Force on Integrated Assessment Modelling and CIAM to explore in collaboration with the Expert Group on Techno Economic Issues and the Task Force on Reactive Nitrogen the impacts of the options for emission limit values included in the draft technical annexes and their contribution to the achievement of cost-effective emission reduction strategies;

(f) Invited the Task Force on Integrated Assessment Modelling and CIAM to take into consideration the ex-post analysis of the environmental impacts of the scenarios, to be carried out by the Working Group on Effects, and in particular its elements related to the protection of lakes, the ozone flux to vegetation and radiative forcing;

(g) Requested that the work elements in (c)-(f) be presented to the extent possible at the forty-eighth session of the Working Group, in April 2011 and at the latest at the forty-ninth session in September 2011.

#### Economic Instruments

3. The Working Group invited Network of Economic Benefits and Economic Instruments, in close collaboration with the Task Force on Integrated Assessment modelling, to finalize the updating of the guidance document on economic instruments on the basis of the information received, taking also into account the replies to the 2010 Strategies and Policies Questionnaire.

#### Hemispheric Transport of Air Pollution

4. The Working Group noted the results of the Task Force on Hemispheric Transport of Air Pollution on its work on intercontinental transport of air pollutants of relevance to the revision of the Gothenburg Protocol, acknowledging in particular that:

(a) Emissions of the ozone precursors, non-methane VOCs, CO, NO<sub>x</sub> and PM/PM precursors in one region have significant impact on air quality in other regions of the world through intercontinental transport of air pollution. In most cases, mitigating local or regional emission sources is the most efficient approach to mitigating local and regional impacts of ozone, and PM pollution;

(b) Cooperation to decrease emissions that contribute to intercontinental transport of air pollution has significant benefits for both source and receptor countries.

(c) Measures to reduce methane on a global scale effectively contribute to the reduction of the background concentration of ozone and to the climate change mitigation; and on the other hand, the expected increase of methane emissions in developing countries in Asia may adversely offset possible decrease of emissions of ozone precursors, thus influencing negatively tropospheric ozone levels in Asia and elsewhere;

5. The Working Group recommended that these aspects be considered in the revision of the Gothenburg Protocol and invited the Executive Body to provide guidance for further work.

#### Nitrogen

6. The Working Group

(a) Stressed the importance of the integrated management of nitrogen for the reduction of the overall emissions of ammonia, with a view to avoiding potential displacement of problems between the different environmental compartments (water, soil and air);

(b) Acknowledged the potential win-win benefits of the measures improving nitrogen use efficiency for both air pollution and climate mitigation and invited the Executive Body to explore the possible benefits for the Convention to collaborate with IPCC to further explore the relation between nitrogen and climate policy at the technical level (informal document 17);

(c) Invited the Task Force on Reactive Nitrogen to finalize with priority the updating of the draft guidance document on control techniques for preventing and abating emissions of ammonia and present it for consideration at the forty-eighth session of the Working Group on April 2011, to enable further discussion on revising the draft amended annex IX to the Protocol to proceed accordingly;

(d) Invited the Task Force on Reactive Nitrogen to further explore combinations of the options A, B and C for revising the draft amended annex IX as presented in document ECE/EB.AIR/WG.5/2010/14;

(e) Took note of the draft outline of a report on nitrogen and food prepared by the Task Force on Reactive Nitrogen (informal document no 19) and agreed that the first draft report should focus on the European Union countries and on the potential environmental effects of possible dietary changes; Invited the delegations to provide further feedback to the Co-Chairs of the Task Force in writing to guide the preparation of the draft report with a view to its presentation at its forty-ninth session in September 2011.

### Black Carbon

1. The Working Group took note of the progress report on the work of the Ad hoc group on Black Carbon (as presented in informal document no 20) acknowledging that there are clear environmental benefits in reducing Black Carbon; Invited the Executive Body to provide guidance on the possible measures to be taken to address Black Carbon as part of the revised Protocol.

## **IV. OPTIONS FOR REVISING THE PROTOCOL ON HEAVY METALS**

### Technical review of the proposal to add mercury-containing products to the Protocol

1. The Working Group

(a) Noted the conclusions of the Task Force on Heavy Metals on the track B technical review of the proposal by the European Union to add certain mercury-containing products to annex VI to the Protocol on Heavy Metals (ECE/EB.AIR/WG.5/2010/9) as well as the additional information provided by the Chair of the Task Force on mercury-containing products in Eastern Europe (informal document no. 12);

(b) Concluded that the track B review has been completed and recommended to the Parties to the Protocol present at the twenty-eighth session of the Executive Body, in 2010, that they consider providing a negotiation mandate for amendments to annex VI to the Protocol on product measures and for consequential changes to the Protocol text and its annexes on the basis of the EU proposal;

### Options for revising the Protocol on Heavy Metals

2. The Working Group

(a) Considered document on Options for revising the Protocol on Heavy Metals (ECE/EB.AIR/2010/10) and proceeded to use it as basis for negotiations of revisions to the

Protocol; Requested the secretariat to present a revised version of the document at the forty-eighth session of the Working Group in April 2011;

(b) Welcomed the suggestions for revising the Protocol provided by Belarus (informal document 13) and invited the secretariat to incorporate them as appropriate to the revised document for its April session;

(c) Took note of the additional information on the calculation of emissions, costs, deposition and scenarios with critical loads exceedances (informal document 5), presented by the Netherlands; and agreed to forward it to the Parties to the Protocol at the twenty-eighth session of the Executive Body for their views;

(d) Took note of the additional information on emissions from the secondary aluminium and manganese industries provided by the Chair of the Task Force on Heavy Metals (informal document 11) and agreed to forward it to the Parties to the Protocol at the twenty-eighth session of the Executive Body for their views;

(e) Invited the secretariat together with the Chair of the Working Group to include in the forty-eight session of the Working Group, in April 2011, at least one day with interpretation focusing on revisions to technical annexes to the Protocol on Heavy Metals and the Gothenburg Protocol;

#### Negotiations of a global agreement on mercury

### 3. The Working Group

(a) Welcomed the update provided by the representative of the United Nations Environment Programme secretariat on the negotiations of a global agreement on mercury;

(b) Noted the need to keep in view the progress on the negotiation for a global agreement on mercury as the Working Group continues to discuss revisions to the Protocol on Heavy Metals.

## **V. OPTIONS FOR ADDING NEW SUBSTANCES TO THE PROTOCOL ON PERSISTENT ORGANIC POLLUTANTS (POPS)**

### 1. The Working Group:

(a) Thanked the Task Force and the reviewers for the further work on the technical reviews of endosulfan, dicofol and hexabromocyclododecane (HBCD), pentachlorophenol(PCP)/pentachloroanisole (PCA) and trifluralin as presented in document ECE/EB.AIR/WG.5/2010/8; and agreed to forward the document for consideration by the Executive Body at its twenty-eighth session, in 2010;

(b) Recommended, in line with the Task Force report, that the Parties to the Protocol meeting at the Executive Body consider whether trifluralin and PCP/PCA are POPs within the meaning of the Protocol;

(c) Took note of the information on the management options for endosulfan, dicofol and hexabromocyclododecane (HBCD), accepted as POPs by the Parties to the Protocol at the twenty-seventh session of the Executive Body in 2009; and recommended that the Executive Body consider providing it a negotiation mandate for listing endosulfan and dicofol in annex I and for listing HBCD in annex I or in annex II to the Protocol.

## **VI. LONG-TERM STRATEGY FOR THE CONVENTION**

### **1. The Working Group**

(a) Acknowledged the importance of a long-term strategy for the Convention to set priorities for and to improve the effectiveness of its future work; and agreed that the draft strategy prepared by the Chair of the Executive Body (document ECE/EB.AIR/WG.5/2010/17) would constitute the basis for further discussions;

(b) Made a number of amendment proposals to the document; Invited the secretariat to reflect the proposals by the delegations in a revised draft document to be submitted to the Executive Body at its twenty-eighth session in 2010.

## **VII. DRAFT 2011 WORKPLAN**

The Working Group agreed on a number of amendments to its draft workplan for 2011, as presented in document ECE/EB.AIR/WG.5/2010/16; and requested the secretariat to reflect these in the report of its session for submission to the twenty-eighth session of the Executive Body.

## **VIII. EXCHANGE OF INFORMATION AND TECHNOLOGY**

### **1. The Working Group**

(a) Noted the information by the secretariat on the status of the Trust Fund for financing activities in the East-Europe, the Caucasus and Central Asia and in South-East Europe Countries, thanked Norway and Switzerland for their contributions while acknowledging the need for further contributions to enable the implementation of the EECCA Action Plan;

(b) Welcomed the information provided by the delegations of Belarus, the Former Yugoslav Republic of Macedonia, the Russian Federation and Serbia on their activities for the implementation of the Convention and for the ratification of its three most recent Protocols; and thanked the donor countries, including the Czech Republic, the Netherlands, Norway and Sweden for supporting these efforts;

(c) Noted the schedule of meetings for 2011 of the newly established EECCA Coordinating Group and expressed its appreciation to Russian Federation for leading this work;

(d) Thanked the Belgian Presidency of the EU for having organized informal consultations for the countries in Eastern Europe, the Caucasus and Central Asia, and South-Eastern Europe back to back with the Working Group's sessions, with a view to examining options for facilitating the ratification and implementation of the three most recent Protocols to the Convention.

## **IX. ELECTION OF OFFICERS**

The Working Group on Strategies and Review re-elected Ms A. Turlikyan (Armenia), Mr. I. Angelov (Bulgaria) and Mr. J. Sliggers (Netherlands) as Vice-Chair. It thanked Ms. K. Scavo (United States) for her contribution as Vice-Chair, and elected Ms. V. Galatone (Canada) as new Vice-Chair.

## **X. OTHER BUSINESS**

The Working Group took note of the informal document no 3 on the definition Short Chain Chlorinated Paraffins (SCCP) in the amended text of the Protocol on POPs.

## **XI. ADOPTION OF THE DECISIONS OF THE WORKING GROUP**

In accordance with the revised practice continued by the Executive Body at its twenty-sixth session, the Working Group on Strategies and Review adopted the decisions taken during the session.