



Decisions of the Parties
to the Gothenburg Protocol
as reflected in the Executive Body reports
ECE/EB.AIR/106 and 106/Add1

Expectations of the WGSR to the TFIAM

Richard Ballaman, WGSR chairman



The WGSR at its 47th meeting (1)

ECE/EB.AIR/WG.5/102 para. 16

- (a) Considered options for target setting presented by the TFIAM and CIAM (info doc No. 8); supported the effects-based approach 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 TFIAM 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 in the range of 25 to 75 %**, for presentation at the WGSR48 in April 2011;

The WGSR at its 47th meeting (2)

- (c) Invited the TFIAM and CIAM to analyse 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 activity 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 CET that had been proposed by CIAM at the WGSR42 in 2008/2 invited CIAM together with the TFIAM to further assess the measures that could contribute to the achievement of cost-effective emission reduction strategies;

The WGSR at its 47th meeting (3)

- (e) Requested the TFIAM and CIAM to explore, in collaboration with EGTEI and the TFrN, the impacts of the options for ELVs included in the draft technical annexes and their contribution to the achievement of cost-effective emission reduction strategies;
- (f) Invited the TFIAM and CIAM to take into consideration the ex post analysis of the environmental impacts of the emission scenarios, to be carried out by the WGE, and in particular its elements related to the protection of surface waters, ozone flux to vegetation and radiative forcing;
- (g) Requested that the work elements in subparagraphs (c)–(f) above be presented to the extent possible at the WGSR48, in April 2011, and at the latest in September 2011.



The Executive Body at its 28th session:

- adopted the WGSR46 and 47 reports and
- requested the WGSR to continue negotiations with a view to concluding the revision of the GP, and
- presenting proposed amendments for adoption at the EB29 in December 2011;
- to include PM as a pollutant subject to controls under the Protocol;
- to include BC in the multi-pollutant assessment framework.

The Executive Body:

- agreed that, with regard to BC, more work was needed on inventories, measurements and effects (including health effects), and that
- priority should be given to control strategies for PM_{2.5}, which also led to BC reductions,
- and that more work was needed on precursor reductions including methane and CO.

- In EB decisions 2010/2, the EB requested EGTEI and TFEIP, in conjunction with the TFIAM and the CIAM, to produce guidance on PM and BC sources, measures, and abatement techniques to inform the April 2011 meeting of the WGSR;

It was also agreed that :

- measures on PM and BC emission reduction on small scale installations and unregulated diesel engines were likely to be win-win measures for AP and CC;
- international shipping also contributed to BC emissions, which would have to be addressed by the International Maritime Organization (IMO).

The Executive Body:

- Requests the co-Chairs of the former EG BC to prepare draft textual proposals for revisions to the GP consistent with decision 2010/2, in advance of the WGSR 48 in April 2011;
- Decided that the revision of the Protocol should include meaningful measures designed to increase the possibility for ratification of an amended Protocol by countries not yet party to the Protocol, especially such countries in EECCA;

Conclusions and follow up

- At the WGSR48 meeting in April we should be able to **agree on preliminary proposal for national emission ceilings to be included in annex II; and**
- the countries should select one option for each **ELV** for new and existing stationary sources **appropriate to achieve these ceilings;**
- This proposal would allow consultation in the capitals to be ready for final negotiation at the WGSR 49 meeting in September; and
- adoption of the revised Gothenburg Protocol at the EB meeting in December 2011.