

## EMEP Reply to HELCOM Parties comments

Until the extended deadline (10 January 2006) we have received the comments to our report from the following Parties: Denmark, Germany, Latvia, Poland and Sweden. We would like to thank these Parties for all interesting remarks and corrections. Most of the suggestions and corrections are included in the final version of the report. Below, we present our reply to some of the comments including those, which were not taken into account in the report.

DENMARK: Figure 6.14 was corrected in the final version of the report.

SWEDEN: Nice and detailed comments to 2003 report, 2010 report and the Indicator Fact Sheets. No changes or corrections requested for 2003 report.

GERMANY: Modifications of the Executive Summary according to suggestions. Figures 3.3 - 3.10 checked and corrected where necessary. More details about official lead emissions are already included in Table 5.1 and Section 5.1. A sentence about the lack of information concerning lead emissions from the international sheep traffic included in the final version of the report. Headline in Figure 3.13 changed as suggested. Additional information about the  $\gamma$ -HCH measurements included in Chapter 8 (Figure 5.14 is not related to  $\gamma$ -HCH).

LATVIA: Percents of nitrogen oxides and ammonia emissions checked and corrected where necessary. The values of 2003 emissions of nitrogen oxides and ammonia were correct and in agreement with official report from Latvia. The problem is in units. Latvia reported 2003 nitrogen oxides and ammonia emissions as NO<sub>2</sub> and NH<sub>3</sub>, respectively, whereas, in the report these emissions are expressed as N. After conversion numbers are the same. The same conversion should be applied to 2002 emissions. However, in this case there are some small differences, because in the report we used 2002 emissions as reported in 2004. Latvia has again updated 2002 emissions in 2005, not only nitrogen but heavy metals emissions as well. There are also small differences in the distribution of nitrogen oxides and ammonia emissions among SNAP sectors. This is because for the EMEP Unified model runs the sector distributions are prepared by the IIASA experts. The remaining corrections sent by were directly taken into account in the final version of the report.

POLAND: Pb concentrations in Table 5.6 were corrected as suggested from 2.03 g/dm<sup>3</sup> to 1.08 g/dm<sup>3</sup>.