

Annex 1

UNEP Paragraph 29 study: Request for information on various mercury emitting sources

Guideline for completing Excel-spreadsheets

The enclosed excel sheets is a complement to the questions attached to the letter distributed 11 December 2009: "UNEP Paragraph 29 study: Request for information on various mercury emitting sources".

The excel sheets have been developed to provide assistance in compiling information and to provide guidance on the degree of detail required for this study (enclosed). The information to be filled in the excel sheets mainly covers the technical description of the sources. The degree of detail in available data may be variable and all requested information may not be readily available for all sectors and countries. Information can be provided at two different levels; on an individual plant basis or on an aggregated basis. The individual source characterisation is preferred information but aggregated information may be the only feasible alternative in some cases. This information will be used to assess the current Hg emissions. This includes the potential co-benefit control of mercury when using other emission control technologies such as ESPs or scrubbers for particle and SO₂ removal.

Information in addition to that defined in the questionnaires and excel sheets may also be relevant and useful for this study.

There are four excel files provided, one for each of the sectors covered in the study: coal combustion, non-ferrous metal production, cement production and waste incineration. In each of the files there are three sheets, one for submission of information for individual sources (preferred), one for submission of information on a national aggregated level, and one sheet for reference with definitions and abbreviations regarding abatement technologies, processes etc.

Data and information provided should preferably be for the year 2005 or any other recent year if 2005 is not available. Please specify in the excel sheets which year your data refer to.

Sheet covering Individual source characterization:

Please feel free to use several rows for an individual source as necessary, for example if the source uses several types of coal or processes which can be specified individually, or if there are several units with different control technologies installed.

The last column provides for any additional information, please use it for information or explanations if felt necessary.

The last page shows an example on how the sheet for individual sources could be filled in.

Sheet covering Aggregated data

The purpose of this sheet is to provide a possibility to submit national aggregated data if source specific information is not available or complete. Please add additional information or explanations as necessary.

Please contact UNEP's engaged project coordinator John Munthe (see below) if you have any questions related to the questionnaires and the excel sheets, e.g. if available data is not compatible with the proposed templates or if additional information is available.

The information described above is requested at the latest on April 15, 2010.

The information should be sent to

Gunnar Futsaeter, UNEP Chemicals Branch, DTIE, email: gunnar.futsaeter@unep.org ,
with a copy to:

John Munthe (Project coordinator), IVL Swedish Environmental Research Institute,
(tel. +46 31 72 56 256,), Email: john.munthe@ivl.se

