UN Environment
National Research Council of Italy - Institute of Atmospheric Pollution Research
World Health Organization (WHO)
Workshop "Elements towards a Global Monitoring Plan for Mercury"
13 – 14 February 2018, Rome, Italy

Draft Provisional Agenda

Dates: 13 to 14 February 2018

Time: 9:00-17:00

Location: National Research Council of Italy - Institute of Atmospheric Pollution Research (CNR-IIA)

Via Salaria Km 29.300

00015 – Monterotondo RM

Rome, Italy

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Day 1 – Tuesday 13 February 2018

(Conference Hall of CNR - AdR RM1 Montelibretti)

08:30 - 09:00 *Registration of participants*

9:00 – 10:30 Opening of the meeting by Nicola Pirrone (CNR-IIA), UN Environment and WHO

1. Organization of work for the meeting
   a. Self introduction of participants
2. Objectives of the meeting and expected outcomes by UN Environment
3. GEF project "Development of a Plan for Global Monitoring of Human Exposure to and Environmental Concentration of Mercury" objectives and outcomes (UN Environment)

10:30 – 11:00 *Coffee break*

- Group photo before the coffee break

11:00– 13:00

4. Human Biomonitoring as a tool to assess the exposure to Mercury (by WHO)
   i. Overview of the project (by Irina Zastenskaya)
   ii. Ethical and cultural consideration, ethical committee' approval (by Rigoberto Blanco)
   iii. Designing and planning of the survey: target population groups and sampling size (by Irina Ilchenko)
   iv. Selection of biological matrices and feasibility: applicability of different matrices (by Ainash Sharshenova)
   v. HBM survey implementation: contacting and recruiting women and organization of the field work (by Edith Clarke)
   vi. Analytical methods and capacity needs, QC/QA programmes (by Davaadorj Rendoo)
   vii. Fish contamination monitoring and interpretation of the results (by Philippe Verger)

viii. Positive experience of implementing mercury HBM survey (by Krishnendu Mukhopadhyay)
ix. Outcomes of the HBM project (main achievement at regional and global level) (by Dorota Jarosinska)

13:00 – 14:15 *Lunch break*

14:15 – 15:30

5. Main results of the pilot study on air concentration of Mercury
   i. GMOS network: characteristics and data management (by F. Sprovieri / CNR-IIA)
   ii. Pilot survey: monitoring sites and experimental design for air sampling (by A. Fino / CNR-IIA)
   iii. Passive air sampling as a tool to measure mercury in ambient air: results of the pilot survey (by A. Macagnano / CNR-IIA)
   iv. Direct experiences of GMOS site managers and WHO national coordinators (by Lynwill Martin /SAWS South Africa; María C. Diéguez / CONICET – INIBIOMA Argentina; Krishnendu Mukhopadhyay / SRI Ramachandra Univ. India; Davaadorj Rendoo /IANPHI Mongolia).

15:30 – 16:00 *Afternoon break*

16:00 – 17:00

1. Briefing on Minamata Convention and the ad-hoc expert group on "Effectiveness Evaluation" (by Sheila Logan)
2. Worldwide initiatives of mercury and mercury compound monitoring.
   a. Experiences in biota and human monitoring by David Evers /BRI
   b. Presentation by Milena Horvat / Jožef Stefan Institute,
   c. Health effects and HBM of populations exposed to elemental mercury vapor and methylmercury by Mineshi Sakamoto / National Institute for Minamata Disease
   d. Levels and trends of mercury in humans in the Arctic Monitoring and Assessment Programme (AMAP) 2015 Human Health Assessment Report by Pál Weihe / The Faroese Hospital System

17:00: End of day 1

19:00 Social dinner

Day 2 – Wednesday 14 February 2018

9:00 – 09:30 Recap of day 1, structure of day 2 by UN Environment (Conference Hall of CNR - AdR RM1)

09:45 – 10:30 Visit to the CNR-IIA sampling site A. Liberti and show-case event on available methodologies and technologies for monitoring and analysing mercury in ambient air (by E. Zampetti, P. Papa, A. Macagnano, F. Sprovieri / CNR-IIA).

10:30 – 11:00 *Coffee break*

11:00 – 12:30

1. Elements towards a global Monitoring Plan for Mercury (initial consideration by UN Environment)
2. Open Discussion on Key scientific aspects and Next steps to be considered on Global Mercury Monitoring Plan

   Working groups discussions

   The participants would be grouped in several working groups to discuss the Key scientific information generated by the project, gaps and needs with regard to the elements to consider when designing a Global Monitoring Plan for Mercury in the light of the ad-hoc expert group meeting on "Effectiveness Evaluation" that will take place on March 5-9, 2018 in Ottawa, Canada.

12:30 – 14:00 *Lunch break*

14:00 – 15:30 Working groups discussions

15:30 – 16:00 *Afternoon break*

16:00 – 17:00 Presentations of the main highlights of the different working groups

17:00: Closure of the meeting