

Workshop on Costs of Atmospheric Monitoring of Gases Controlled under the Montreal Protocol

Online meeting, 23 February 2024

Time: 15:00 – 19:00 GMT

Provisional Agenda

- 1. Opening (Chair: Cornelius Rhein) (60 min)**
 - (a) Opening remarks, welcome, and purpose of the workshop (*Meg Seki*) (5 min)
 - (b) Introduction of participants (*name, affiliation, and expertise*) (10 min)
 - (c) Framing the discussion (*Paul Newman*) (10 min)
 - (d) European Union-funded pilot project – Experience with the project implementation (*Sophia Mylona*) (5 min)
 - (e) Flow chart template for setting up stations (*A. R. Ravishankara*) (10 min)
 - (f) Measurements and calibration (*Ray Weiss*) (10 min)
 - (g) Discussion (10 min)
- 2. Costing: construction, maintenance, and hardware acquisitions (Chair: Paul Newman) (180 min)**

Participant experience with:

 - (a) Tower (at least 30 meters; if available, costs for 100-meter towers) (30 min)
 - (b) Building – including infrastructure support (access roads, site fencing, security, communications, heating, AC, water, sewer, dehumidifiers, power, IT, computers) (30 min)
 - i. Flask station
 - ii. High-frequency station
- Health Break (15 min)**
 - (c) Hardware costs, inlets, pumps, testing, and travel needs for collection (30 min)
 - i. Flask station
 - ii. High-frequency station (including transportation and installation)
 - (d) Central flask analysis lab (30 min)
 - i. Shipping, flasks, flask cases
 - ii. Central analytical instruments for flask sample analyses
 - iii. Calibration requirements (e.g., standards, flask exchanges, etc.)
 - (e) Personnel (needed total hours per week) (30 min)
 - i. Flask site
 - ii. High-frequency site
- 3. Final discussions, summary, and way forward. Timeline and workshop report preparation as input to the report by the Secretariat to OEWG46 (A R Ravishankara) (15 min)**