

Annex LXXI

**GUIDELINES FOR THE IMPLEMENTATION OF PILOT PROJECTS
TO ENHANCE REGIONAL ATMOSPHERIC MONITORING OF SUBSTANCES
CONTROLLED BY THE MONTREAL PROTOCOL**

1. Bilateral and implementing agencies are requested to ensure that the following information is included in proposals for pilot projects to establish an atmospheric monitoring station:

- (a) A thorough description of the proposed site where the atmospheric monitoring station will be established, including local topography, surrounding land types (agricultural, forest, urban, etc.) and neighborhood environs, and existing infrastructure;
- (b) A detailed description of the scientific and technical capacity of local personnel who will maintain and operate the station, and analyze the resultant data;
- (c) An assessment of the results of the flask sampling undertaken as part of the pilot project preparation demonstrating the suitability of the site and specifying the nature of monitoring to be undertaken;
- (d) A description of the costs to establish, maintain and operate the monitoring station, including related to the procurement of required equipment and instrumentation; improvements to or establishment of new infrastructure; compressed gases and calibration scale standards, and if relevant; maintenance; and personnel and other related costs;
- (e) A description of how the sustainability of the station, and the accessibility and quality of the measurements, including in relation to the use of stable, well-characterized calibration scales, and regular technical review will be ensured;
- (f) A commitment from the Government concerned that the station would follow the principles of availability and accessibility of data described in paragraphs 20 to 22 of document UNEP/OzL.Pro/ExCom/96/62; and
- (g) A description of co-financing available from local institutions or the government for short and long-term viability of the station.

2. The establishment of an atmospheric monitoring station at sites with existing infrastructure and access to appropriate scientific and technical capacity to maintain and operate the station will be prioritized. However, proposals for sites lacking infrastructure may be considered if there is a strong scientific justification.

3. Pilot projects to establish an atmospheric monitoring station to enhance regional atmospheric monitoring of substances controlled by the Montreal Protocol would only be considered that inter alia are:

- (a) In a region identified by the Advisory Committee of the Vienna Convention General Trust Fund that would provide a benefit through the establishment of an atmospheric monitoring station; and

- (b) In an Article 5 country that committed to ensuring that the atmospheric monitoring station would follow the principles of availability and accessibility of data described in paragraphs 20 to 22 of document UNEP/OzL.Pro/ExCom/96/62, including the Findability, Accessibility, Interoperability, and Reusability (FAIR) guiding principles for scientific data management and stewardship¹ and open data availability and accessibility.

4. Atmospheric monitoring stations would be provided incremental recurring costs (IRCs) for up to five years on a pilot basis and without prejudice to any subsequent decision the Executive Committee may take on the provision of IRCs, noting that the Executive Committee will review options for the duration and provision of IRCs at the 107th meeting of the Executive Committee. Atmospheric monitoring stations established in Article 5 countries with the support of the Vienna Convention General Trust Fund could be eligible for IRCs on the same basis as monitoring stations established under the Multilateral Fund on the understanding that the maximum number of years for which support for their operation was provided was irrespective of whether that support was provided by the Vienna Convention General Trust Fund or the Multilateral Fund.

5. The Secretariat will assess the costs to establish an atmospheric monitoring station in light of the financial model prepared by the Ozone Secretariat for the Thirty Eighth Meeting of the Parties, advice from the Advisory Committee of the Vienna Convention General Trust Fund, and other relevant information.

¹ Wilkinson, M., Dumontier, M., Aalbersberg, I. et al. The FAIR Guiding Principles for scientific data management and stewardship. Sci Data 3, 160018 (2016). <https://doi.org/10.1038/sdata.2016.18>