



United Nations
Environment
Programme

Distr.: General
4 October 2021
Original: English

**Twelfth meeting of the Conference of
the Parties to the Vienna Convention
for the Protection of the Ozone Layer, part II**
Online, 23–29 October 2021

**Thirty-Third Meeting of the Parties to
the Montreal Protocol on Substances
that Deplete the Ozone Layer**
Online, 23–29 October 2021

**Draft decisions for consideration by the Conference of the
Parties to the Vienna Convention at its twelfth meeting (part II)
and the Thirty-Third Meeting of the Parties to the Montreal
Protocol**

Note by the Secretariat

Addendum

The annex to the present note sets out a draft decision entitled “Enhancing the global and regional atmospheric monitoring of CFC-11 and other substances controlled by the Montreal Protocol”, which was submitted to the Secretariat by the European Union. The draft decision is presented as received, without formal editing by the Secretariat, for consideration and possible adoption by the Thirty-Third Meeting of the Parties. The draft decision will be considered under item 4 (c) of the provisional agenda of the preparatory segment of the combined twelfth meeting of the Conference of the Parties to the Vienna Convention for the Protection of the Ozone Layer (part II) and Thirty-Third Meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer (online combined meetings).

Annex

Decision XXXIII/[--]: Enhancing the global and regional atmospheric monitoring of CFC-11 and other substances controlled by the Montreal Protocol

Submission by the European Union

Noting with appreciation decision [XII/x] of the parties to the Vienna Convention for the Protection of the Ozone Layer, approving the recommendations of the eleventh meeting of the Ozone Research Managers of the Vienna Convention;

Expressing appreciation to the scientific community for its vigilance in detecting unexpected emissions of trichlorofluoromethane (CFC-11), and for their efforts to assess the scale of the problem;

Recalling decision XXX/3 on unexpected emissions of CFC-11 and decision XXXI/3 on unexpected emissions of CFC-11 and institutional processes to be enhanced to strengthen the effective implementation and enforcement of the Montreal Protocol;

Noting with appreciation the information on CFC-11 emissions provided by the Scientific Assessment Panel and the Technology and Economic Assessment Panel and the Scientific Assessment Panel's white paper on "Closing the Gaps in Top-Down Regional Emissions Quantification - Needs and Action Plan";

Noting also the report of the Ozone Research Managers' Meeting on Gaps in Monitoring, October 2020;

Acknowledging the efforts of Parties to address the unexpected emissions of CFC-11, which have resulted in the decline of those emissions;

Being mindful of the need to avoid unexpected emissions of CFC-11 and other controlled substances like CTC and HFC-23, whose atmospheric concentrations have been higher than modelled for a number of years;

Understanding that an expansion of the observational network for substances controlled by the Montreal Protocol is a decadal-scale effort and that each added measurement location strengthens the overall ability of scientific bodies and Montreal Protocol institutions to detect, quantify and respond to unexpected emissions;

1. To request parties to enhance sharing of data on the atmospheric monitoring of CFC-11 and other controlled substances with the existing measurement networks, such as those operated by AGAGE and NOAA, and to inform the Ozone Secretariat of relevant communications for the information of the co-chairs of the SAP;

2. To encourage parties to contribute to developing enhanced capacity to monitor atmospheric concentrations and emissions of controlled substances and to encourage all parties to maintain existing capacities;

3. To request the Ozone Secretariat, in consultation with relevant experts, to provide the following information to the Parties at the 2023 OEWG, and to report on the progress of work at the 2022 OEWG:

(a) A summary of information provided by SAP, TEAP and the ORMs on options for efficient-monitoring of atmospheric concentrations of substances controlled by the Montreal Protocol and identification of challenges for operationalizing relevant recommendations on a regional basis;

(b) Identification of suitable locations for possible monitoring stations or for flask sampling for regions not, or not sufficiently, covered by existing atmospheric monitoring which may have potential emission sources of substances controlled by the Montreal Protocol;

(c) Options for possible means to establish new monitoring capacities and related costs, taking into account existing monitoring networks and systems both for ozone depleting substances and other purposes.

~~(d) Criteria for the inclusion of substances in the enhanced atmospheric monitoring, based on their properties, production trends and atmospheric concentrations, enabling Parties to consider a harmonization of the scope of their monitoring activities.~~

4. To request the SAP, in consultation with the TEAP and EEAP, to provide advice to the parties at the 2023 OEWG, on which controlled substances to prioritize for enhanced atmospheric monitoring on a regional basis.

Unedited Advance