

**30th session of the Conference of the Parties of the  
United Nations Framework Convention on Climate Change (COP30)**  
Belém, Brazil, 10-21 November 2025

**Bureau international des poids et mesures /  
International Bureau of Weights and Measures (BIPM)**

Dear Delegates,

The BIPM celebrates its 150th Anniversary this year and continues to bring together more than 100 States and Economies to act together on matters related to measurement science and measurement standards.

The BIPM is the custodian of the International System of Units, the SI and the international timescale – Coordinated Universal Time, UTC and plays a coordinating role for the network of 250 measurement laboratories worldwide that work to ensure long term stable and equivalent measurements. This includes standards with centennial levels of stability that contribute to high-quality earth observation, environmental monitoring and energy transition initiatives.

Recent activities include:

- Overseeing the implementation of more accurate surface ozone measurements worldwide in 2025 through the adoption of a new ozone cross section in the UV, with a six-fold reduction in measurement uncertainty;
- Progressing the development of standards and reference methods for particulates and aerosols, by bringing together experts to assess needs and routes to standardization of chemical composition, bioaerosols, particle concentration and morphology, and optical properties, and
- Progressing the development of measurement methods and standards to support the development of smart electricity grids for the further integration of diversified and evolving energy sources.

Thank you.



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