

CIPM Sectorial Task Group on Climate and Environment

(CIPM-STG-CENV)

The CIPM-STG-CENV aims to be an entry point for the stakeholders' needs and as a facilitator of connections between the different active groups in the climate and metrology communities.

Terms of reference

The objective of the CIPM STG-CENV is to provide a global focal point for metrology activities related to climate change and environment by:

- advising the CIPM on opportunities and unmet requirements for international metrology activities in the field of climate change and environment, and the potential to address these through activities within the BIPM, the BIPM Headquarters' work programme and with concerted efforts with other International Organizations;
- liaising with Consultative Committees and Regional Metrology Organization forums that are active in the field of climate change and environment;
- liaising with International Organizations with Climate Change and the Environment programmes that are dependent on metrology;
- providing input to CCs to help shape their strategy and activities, including suggestions for international comparisons required to promote comparability of measurement values in the field of climate change and environment;
- documenting and monitoring internationally accepted metrology challenges in the field of climate change and environment and approaches to address these to support NMIs in articulating activity and resource needs to Governments, including for countries with developing economies;
- encouraging collaboration between CCs, RMOs, NMIs and stakeholders to address these challenges, including the transfer of relevant metrology and good practices pioneered by developed economies to developing economies.

Activities for the period 2023-2027

During the initial five year period of operation the Sector Task Group shall:

1. Review recommendations from the BIPM-WMO 2022 Workshop on Metrology for Climate Action and segregate and communicate these to those that:
 - a) Can be addressed within existing structures in Consultative Committees, Joint Committees and RMOs;
 - b) Can be addressed within WMO or other organizations' committees;

- c) Will need to be addressed within new groups that will need to be established to implement the actions to meet recommendations.
2. Organize periodic meetings with Stakeholders to report back on progress with BIPM-WMO 2022 workshop recommendations and identify new high priority activities to be addressed and document these
3. Encourage technical meetings focusing on metrology challenges in earth system science covering climate, environment and societal action.
4. Liaise with the WMO Secretariat to coordinate communication and identification of experts to contribute of each other's committees and to support new initiatives, including but not limited to activities resulting from the BIPM-WMO 2022 workshop;
5. Identify other International Organizations with active Climate and Environment programmes with requirements for metrology services and develop liaisons and recommendations to promote and develop access to such services and requirements for new initiatives.