

EURAMET TC-M Strategy Working Group Objectives of the Working Group

TC for Mass and Related Quantities
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EURAMET TC-M Strategy Working Group - Objectives of the Working Group

The objective of the EURAMET TC-M is

to ensure that the infrastructure for mass and related quantities in Europe, within the NMIs (and other DIs), is fit-for-purpose and internationally competitive for the benefit of Europe's multi-sector user community.

This is consistent with the general objectives and scope of the Technical Committees (<http://www.euramet.org/index.php>).

The role of the TC-M Strategy WG is

to advise the TC-M Chair and help coordinate the work of the TC-M to put in place the necessary structures and to foster collaborations and research (including performing comparisons) to ensure that the EURAMET TC-M continually meets this objective in a timely manner.

This will be realised through:

- Supporting and promoting the generation and updating of roadmaps for the core TC-M areas (mass, force, pressure, density) covered by TC-M under technical guidance from the Sub-committee convenors
- Coordinating and overseeing the Intra-RMO review and submission of the Calibration and Measurement Capabilities (CMCs) of EURAMET Members and Associates taking into account the guidance of the BIPM and CCM
- Ensure that completed CCM and EURAMET Key Comparisons are reviewed (by the pilot laboratory) against published EURAMET TC-M CMCs and that the appropriate action is taken by participants with discrepant results
- Ensuring a structured approach and timely response to the Inter-RMO review of CMCs of other RMOs taking into account the guidance of the BIPM and CCM
- In conjunction with the relevant sub-committee identification of the needs for new comparisons in particular with respect to the specific needs of emerging EURAMET members and to fulfil the requirements to provide evidence for new CMC submissions
- Proposal of RMO Key and Supplementary Comparisons and implementation of long-term planning and appropriate comparison schedules, to ensure that the workload is appropriate for the participating and pilot institutes, and that the comparisons can be concluded within a reasonable timeframe
- Identifying and recommending capability development and research priorities within the ambit of TC-M and promoting inter-TC collaboration in this area
- Encouragement of collaborative projects fostering closer cooperation and links between the EURAMET NMIs and DIs and with industry
- Initiate, coordinate and support active participation in EMPIR and other research programmes particularly with respect to cross SC and cross TC collaborations and industrial and academic cooperation
- Fostering effective liaison with other RMOs in technical areas of mutual benefit
- Act as a conduit of information flow between CIPM CCM and its Working Groups and EURAMET TC-M especially at higher level with generic information (such as CMC review and KC processes) or areas of wider technical interest (SI revision)
- Identifying the need of new guides promoting them and keeping up-to-date existing calibration guides for the use by European calibration, research and industrial measurement laboratories as well as by the national accreditation bodies
- Development of links to standards organizations such as OIML and ISO and promotion of cooperation with national accreditation bodies.

