



Forum: Metrology – Trade Facilitator Request for support



COOMET

Core Problem:

WHAT IS COOMET? ...

The Euro-Asian cooperation of national metrology institutions (COOMET) is a regional MSTQ organization founded in June 1991. COOMET is open for metrology institutions from any other regions to join as associate members. Members of COOMET are the metrology institutions from Belarus, Bulgaria, Germany, Kazakhstan, Kyrgyzstan, DPR of Korea, Cuba, Lithuania, Moldova, Russia, Romania, Slovakia, Uzbekistan and Ukraine.

COOMET ACTIVITIES:

General questions concerning measurements (general metrology); measurement standards, legal metrology, accreditation and quality management systems, information and information technologies, training and rising proficiency level of experts.

The official languages for COOMET meetings and documents are Russian and English.

CORE PROBLEMS OF REGIONAL COOPERATION WITHIN COOMET:

- 1 Lack of specialized training courses for metrologists from NMIs or similar institutes of COOMET countries.
- 2 Traceability of standards of COOMET NMIs and participation in international comparisons are not satisfactory according to the numbers of core problems
- 3 Not enough advice on national legislation in the MSTQ field (comments below are given)

Significance of the problem:

- 1 Despite well arranged and widely acceptable national educational courses in CIS countries in the field of MSTQ, there is still a gap in practical experience regarding the expression of uncertainty of measurements, calibration, comparisons of measurement standards at international level, processing of measurement data of comparisons, maintenance of measurement standards, use of uncertainty for certified reference materials, implementation of mutual recognition arrangements etc. Without common approach in this field of knowledge NMIs of COOMET are not able to effectively cooperate with their colleagues all over the world and can not facilitate elimination of technical barriers in technical sectors of national economies.
- 2 Calibration of measurement standards against international ones is one of the key points in supporting mutual recognition arrangements. Currently, COOMET NMIs mostly can not afford international comparisons or calibrations because of high costs. However, they are able to participate in intra-regional COOMET comparisons. Support of some COOMET NMIs for participation in relevant international comparisons will suffice for establishing traceability of other COOMET NMIs' measurement standards to international ones.
- 3 Currently, Governments are not aware of policy of other countries in supporting metrology infrastructure and ensuring traceability in measurements, in particular. Being decision makers they need continuous advice on high priority metrology issues.

What is needed:

- 1 Feasible financial support for technical visits to donor NMIs, sponsorship of training and attending workshops, training courses etc.
- 2 Sponsorship for participation in international comparisons and calibrations against internationally traceable measurement standards.
- 3 Addressing Governments by international organisations (OIML, BIPM, ISO, IEC) with their decisions stating the urgent needs of metrology. Assisting NMIs with supporting documents and arguments stating the objectives and future tasks of metrology and its importance in terms of economy for survival in a globalized world market, e.g. preparation of leaflets and distribution at national administrative level.

Contributions:

- 1 Internal resources are available on self-educational basis as well as experts exchange in the frame of COOMET cooperation. Finance for participation in workshops at inter-regional level are provided to some extent.
- 2 Financial and other resources for maintaining the traceability of national measurement standards are allocated by NMIs, primarily to meet the demands of critical metrology applications (mass, length, angle, time measurements, etc.). Governments are addressed for appropriate sponsorship.
- 3 Organization of awareness events (e.g. conferences) with attendance of representatives from Government and other relevant administration.

Whom to address:

During and after the Forum:

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