

## About the activities of the COOMET Task Group for CEEMS support (TG-CEEMS)

*Based on RESOLUTION 33W-10 Resolution PC-34 & Action PC-34*

During the reporting period specialists from KazStandard have done the following work:

According to the results of a survey of COOMET member countries conducted by the COOMET Secretariat in 2021 regarding the classification of countries with a developing metrological system (CEEMS), according to the results of the survey, 4 countries classified themselves as CEEMS - these are Armenia, Kyrgyzstan, Tajikistan and Uzbekistan.

In 2022, a survey was conducted to identify the needs of CEEMS NMIs and a survey of COOMET member countries regarding the provision of support to CEEMS and/or on the possible contribution of COOMET member countries.

Only 6 countries (Belarus, Kazakhstan, China, Moldova, Slovakia, Russia) participated in the survey of NMI (non-CEEMS) to assist NMI CEEMS.

In general, it can be noted that the COOMET member countries are ready to assist in carrying out calibrations and comparisons, training events and internships.

Based on the results of all questionnaires, a **summary table** has been prepared – a **draft Plan (Program) of measures to assist CEEMS**.

The main areas of CEEMS support included:

- providing technical assistance by organizing comparisons for CEEMS NMIs, taking into account their needs, and calibrating CEEMS standards to ensure traceability;
- conducting training events and internships for CEEMS specialists;
- cooperation within the framework of specific projects;
- involvement of CEEMS specialists in work within the framework of international organizations on metrology.

The NMI of the Kyrgyz Republic and the Republic of Uzbekistan are most interested in **organizing comparisons**. The NMI of the Republic of Belarus, Moldova and the Russian Federation actively offers assistance in organizing these comparisons.

The NMIs of Armenia, Tajikistan and Uzbekistan are interested in **carrying out calibrations of measuring instruments**.

Feedback was given by BelGIM, NMI of Moldova, KazStandart, Institutes of Metrology of the Russian Federation.

There are separate requests from NMI CEEMS of Armenia and Tajikistan for assistance in preparing for external evaluation (prereview) for the implementation of traceability of measurements and assistance in the development of standard methods of calibration of measuring instruments for physico-chemical (pH meter) and geometric (small volume) measurements, respectively.

Additional proposals on comparisons and calibrations from the NMIs of China and Russian Federation should also be noted in addition to the requests from CEEMS NMIs.

**Within the framework of professional development and participation in scientific research**, training events (seminars, courses) and internships in the field of metrology for CEEMS specialists are provided. However, it is proposed to rename this block as internships, since basically all proposals relate to internships.

The main training block is offered by the Russian Federation and the Republic of Belarus. A number of training proposals have been received from China, which are not included in the list of topics from NMI CEEMS.

At the decision of the Presidential Council, a COOMET Task Group for CEEMS Support (TG-CEEMS) has been established, and according to Resolution 33W-11 project 870/KZ/23 "Development and implementation of the COOMET Plan of Action to assist CEEMS" has been launched, under which the TG-CEEMS membership is formed, its tasks and schedule are specified. At the moment, the topic is being approved by the members of the COOMET Committee.

During the implementation of the topic, it is proposed:

1. To form the composition of TG-CEEMS.
2. To form a program of measures to assist CEEMS with an indication of the timing of implementation and to provide for its annual updating.
3. To organize the implementation of the Program activities according to paragraph 2.
4. To inform about the results of the activities of TG-CEEMS at the annual meetings of the COOMET Committee.

The term of activity of TG-CEEMS: 2022-2026 (according to the decision of the 33rd meeting of the COOMET Committee).

As the tasks of the TG-CEEMS, it is proposed to determine:

- organization of comparisons for standards of NMI CEEMS, taking into account their needs;
- carrying out calibrations of CEEMS NMI standards to ensure traceability;
- conducting training events (seminars, courses, including on an electronic learning platform, internships) for CEEMS specialists;
- providing information support at the request of the members of the COOMET Committee from CEEMS.

We offer to hold meetings of the TG-CEEMS at least 2 times a year or as needed.

To date information has been received for participation in TG-CEEMS from representatives of Belarus, China and Armenia. We call on the CEEMS NMIs, as one of the main participants, as well as all stakeholders, to get involved in the work of the TG-CEEMS.

On August 29, 2023, the 1st meeting of the COOMET Task Group on CEEMS Support (TG-CEEMS) was held in an online format.

The meeting was attended by representatives of metrological organizations from 7 COOMET member countries: Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Uzbekistan.

During the meeting, the draft Program of measures to support CEEMS for 2023-2025 and consolidation of the submitted proposals on the draft Program were discussed.

Following the meetings of the TC COOMET, adjustments were made to the draft Program in terms of combining some items and designating pilots by comparison.

Thus, summarizing the above, we can say that for many needs of the CEEMS NMIs, countries are ready to provide appropriate technical assistance for internships, but on a contractual basis and taking into account customs costs and logistics on the part of the CEEMS NMIs.