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Support to Quality Infrastructure in Armenia

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Implemented by UNIDO



NEWSLETTER

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From Training to Transformation: A Month of Progress

In July, the United Nations Industrial Development Organization (UNIDO), within the framework of the EU-funded “Support to Quality Infrastructure in Armenia” project, focused on building institutional capacity of National Body for Standards and Metrology (NBSM) and Market Surveillance Inspection Body, advancing legislative reform, and strengthening laboratory infrastructure.

Highlights:

- Government approval of the submission of the draft law "On making amendments and additions to the Law on Ensuring Uniformity of Measurements" to the National Assembly;
- A specialized five-day training on Time and Frequency Metrology for four staff members of the National Body for Standards and Metrology (NBSM);
- A series of online trainings on EU legal metrology directives for 28 staff of the National Body for Standards and Metrology (NBSM) and the Market Surveillance Inspection Body.



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Government gave a green light to the revised Draft Law on Measurement



The Government of Armenia has [approved](#) the submission of the draft Law “**On Making Amendments and Additions to the Law on Ensuring the Uniformity of Measurements**” to the National Assembly. The proposed changes introduce harmonized definitions based on international OIML standards and outline new metrological and market placement requirements for measuring instruments and prepackaged goods, as well as the establishment of a national Metrology Council to provide expert guidance.

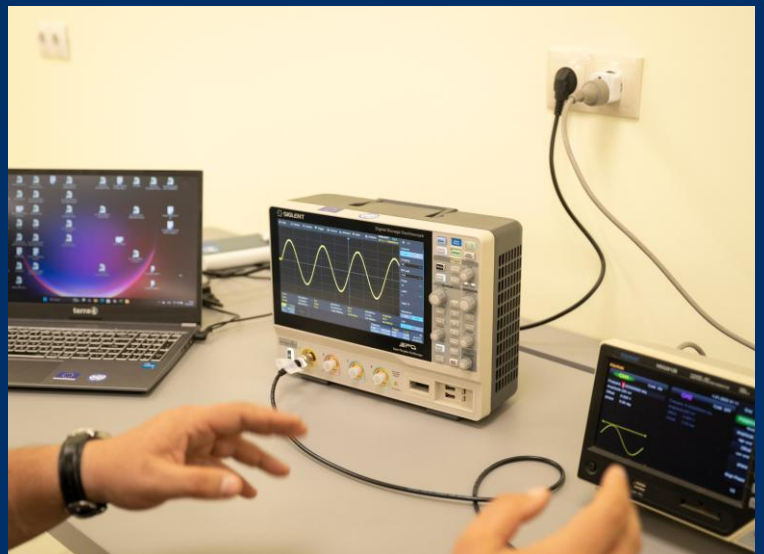
The draft law is **open for public consultation from July 31 to August 18, 2025**, and will be submitted in parallel to the National Assembly for discussion.



Training on Calibration Procedure Finalization (July 21-25)



Four NBSM staff members [received](#) on-site specialized five-day training to enhance NBSM's technical capacity in the time and frequency calibration and to support the laboratory's implementation of ISO/IEC 17025:2017 standards in preparation for accreditation. The participants worked on time and frequency measurements, evaluation of measurement uncertainty, drafting of calibration certificates, and development of time and frequency calibration procedures. The training focused on finalizing calibration procedures, conducting complete process of calibration and preparing the Time and frequency laboratory staff for accreditation.



Specialized Online Trainings on Legal Metrology (July 24, 30 and 31)

Country approach

National legislation in some countries:

- Applies to specific product categories (e.g. food)
- Put additional requirements (Germany)
- Allows negative tolerances without applying additional requirements - this can lead to **systematic underfilling**
- Such products are **intended for the domestic market only**
- **Goods marked with "e" can be freely distributed within the EU.**
- Example: Czech Republic, Germany ...

28 staff members of the NBSM and Market Surveillance Inspection Body received three specialized online trainings, focusing on key EU legal metrology directives: Pre-packaged Products (PPP), Non-Automatic Weighing Instruments (NAWI), and Measuring Instruments (MID).

Experts from the Czech Metrology Institute introduced participants to EU legal frameworks, metrological and technical requirements, harmonized standards like EN 45501 and OIML recommendations, and challenges in enforcement and cross-border compliance.

All three sessions featured interactive elements, including case studies, Q&A opportunities, and group discussions. These practical components provided participants with applicable tools and best practices to improve legal metrology compliance, enforcement, and harmonization with EU requirements.

The trainings served as an introductory step, laying the foundation for more in-depth and practical sessions to be conducted in the next phase in Yerevan, Armenia.



The screenshot shows a Zoom interface with a presentation slide titled "EU Legislative Summary". The slide lists three bullet points: "No worldwide unified system exists", "Manufacturers must **always check local requirements** before placing goods on a foreign market.", and "A uniform system of rules and control exists **only within the EU** - for e-marked prepacked goods". There are images of a globe and a map of the European Union. The Zoom toolbar at the top shows 12 participants, and the bottom shows a video feed of a participant.



The screenshot shows a presentation slide titled "EU legislation Bottles". It features the EU flag and text stating: "Council Directive 75/107/EEC deals with bottles used as measuring containers (in particular for prepackages marked with the symbol 'e')." Below this, there are images of two bottles and a list of requirements: "Made of glass or other material that has sufficient rigidity and stability", "It is intended to serve as a measuring container, i.e. The nominal volume is indicated by the filling level of the bottle.", "The volume is verified by the shape and calibration of the bottle itself (not just by the label or other markings)", "Fitted with a stopper and intended for the delivery of liquid", "Have a nominal volume from 0,05 l to 5 l", and "Have clearly defined metrological characteristics".

"The practical component of the training was especially valuable. Reflecting on and learning from our past mistakes was challenging, but extremely useful. I believe the experience could be further enhanced by including more quizzes and targeted exercises."

Participant, NBSM

About the Project

The "Support to Quality Infrastructure in Armenia" project, funded by the European Union and implemented by UNIDO, is dedicated to strengthening NBSM's role in providing sustainable and internationally recognized metrology services. By reinforcing Armenia's legal, institutional, and technical frameworks for metrology, the initiative contributes to the country's efforts in advancing economic diversification and trade competitiveness, aligning with the objective of the Comprehensive and Enhanced Partnership Agreement (CEPA) with the EU.

Disclaimer

Funded by the European Union: The contents of this newsletter are the sole responsibility of the authors and do not necessarily reflect the views neither of the European Union nor of UNIDO.

This newsletter has been produced by UNIDO in Armenia as part of the "Support to Quality Infrastructure in Armenia" project.

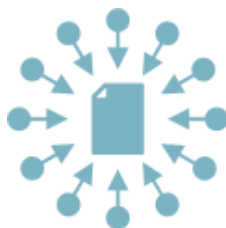
Project statistics for July



32 NBSM and MSIB staff trained through three capacity building initiatives



65,864 views and 3,529 engagements through the project social media posts



753 followers to the project social media accounts

For more information contact: **Cong WU, Project Manager** at C.WU@unido.org
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