

WELMEC - highlights

Pavel Klenovsky, WELMEC Chair

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War in Ukraine

- Russian Federation with assistance from Belarus attacked Ukraine and a number of atrocities have been committed by the attackers
- WELMEC has not had many contacts with the metrological bodies of those 2 countries – nevertheless, we consider it important to take a stand here and to suspend or break any cooperation with metrological authorities and bodies of the Russian Federation and Belarus, anyhow COOMET is now dysfunctional

Resolution:

In response to the unprovoked aggression of the Russian Federation and Belarus against Ukraine, WELMEC Committee condemns any violence caused by this aggression and with an immediate effect suspends any cooperation with metrological authorities and bodies of the Russian Federation and Belarus.



War in Ukraine – Kharkovstandartmetrologia



Ukraine – Kharkovstandartmetrologia



War in Ukraine

- Ukraine has already left COOMET as an international organization and will ask WELMEC through its legal metrology authority to accept it as a member
- WELMEC by-laws enable that
- Kharkovstandartmetrologia has approached CMI with a plea of technical aid – to replace destroyed metrological equipment
- WELMEC might be approached as well, a technical aid will be considered

Cooperation with EURAMET

- This collaboration has continued basically along the following lines:
 - improved communication
 - involvement of WELMEC in the new research programme European Partnership in Metrology under the EU programme Horizon Europe
- However, the collaboration since the last CM in November 2021 has been rather relaxed, due to the pre-occupation of EURAMET by the finalization of the EPM programme on your side and a disruption in our Secretariat at the beginning of 2022 on our side
- Steps are being taken by ExBo to revive the communication, especially towards the launching of the common landing webpage
- As to the WELMEC involvement in the EPM, for various reasons, no breakthrough has yet been achieved here

Cooperation with EURAMET

- one proposal was submitted at the end of 2021 (unconventional measuring instruments) but was declined by the referees
- the rules how to draft research proposals in various stages are extremely difficult for many in WELMEC community
- however, a direct WELMEC involvement might not be a major drawback – the membership in both organizations is by 50% the same, often the same experts are members in both organizations and they would submit proposals aimed at legal metrology directly within EURAMET
- EURAMET significantly helped WELMEC in strengthening of secretariat capacities in 2021 to be terminated at the end of the year – WELMEC is very grateful to EURAMET for this extremely valuable assistance !

Strategy 2022 - 2026

At the 3rd Committee meeting in May 2022 new strategy has been approved

3-pronged approach:

- a) Stronger together, getting involved
- b) Connecting expertise, creating impact
- c) European Green Deal within our reach and beyond

Technical work – guidance documents

- Since the last EURAMET GA we have had 2 Committee meetings
- In total 9 revised guides, 2 new guides and 1 corresponding tables have been approved at those Com meetings
- Problems: the room for any guidance to the EU metrological legislation, stagnant for more than 20 years, has been nearly exhausted
- It can be exemplified by an unfortunate court case as regards inscriptions on NAWIs to be present on the display only
- The next Committee meeting will be in Braunschweig, Germany on May 3 – 5, 2023

Technical work

In December 2021 another meeting of the Chairmanship with the European Commission, DG GROW took place - the topics discussed were focused on:

- 3 technical questions were mentioned during this meeting, for which EC seeks advice and guidance from WELMEC:
 - Active electric energy meters: DC in the scope of MID
 - Active electric energy meters - smart meters and energy transition
 - Taxi meters versus taxi services in MID MI-007

ExBo has had the opinion that such situations would call for a fast-track way of developing discussion papers, being not an official WELMEC doc – the Committee has not supported such an approach, it can only be made on purely technical matters without giving any opinions (not on open issues)

WELMEC webinars

a proposal has been made by one of the Convenors to launch regular **annual or biannual webinars in September/October time** to inform stakeholders about new developments in the WELMEC activities at all the levels and in legal metrology in general

Technical work

- The European Commission has decided to initiate the revision of **metrological directives** by calling a **tender for their fit-for-purpose evaluation** with the following tentative schedule:
 - call for tender: May 2022
 - evaluation of the tender: September 2022
 - the deadline for submission of the report: March 2023
- WELMEC has tasked its WGs to come up with their evaluations **by the end of July 2022**
- **an on-line workshop with stakeholders (manufacturers' representatives)** on this issue is organized for June 29 to listen to their views on the current situation in the EU legislation

Fit-for-purpose of metrological directives

- Our approach to the issue of **fit-for-purpose of the EU metrological directives**:
- ExBo has decided to take a proactive approach by:
 - Asking the Convenors of Working Groups to come up with suggestions for changes in MID and NAWID
 - Aggregating these suggestions into a WELMEC non-paper and devoting its first webinar to this topic
 - Making available this non-paper and the result of the webinar as the WELMEC input to the EU study

Technical exchange

- To address current issues and to make CMs more lively the ExBo has decided to include in agendas of CMs a new item called “technical exchange”
- The idea behind it is to hold short (10 minutes) talks by invited and registered speakers with the ExBo on hot issues in legal metrology to bring them to the attention of the Delegates with possible next steps in the WELMEC technical work
- Anybody of the broader WELMEC community can register such a talk with the Secretariat

Technical exchange

The 2022 contributions:

- Radio Equipment Directive and legal measuring instruments – by R.Lambregts, NL
- Why you ‘d better listen if you are rolling out millions of smart meters... - W. de Waal, NL
- Interpretation of MID, Annex I, art. 7.6 for watermeters – by P.Klenovsky and M.Benkova, CZ

New WG on digital transformation

- The EU priorities: among them digital transformation – therefore, the subject to form a new WG aimed at this issue has been raised by some in the WELMEC community
- Intensive discussions and work on various aspects of digitalization are going on in EURAMET by way of various project proposals in the EPM programme
- At the moment **no Terms of Reference are available**
- The composition of the WG might be as follows:
 - representatives from other technical WGs or
 - more ICT specialists or
 - both – anyhow, a close cooperation with „technical“ WGs necessary

The Committee has decided that ExBo will organize an ad-hoc WG to prepare the matter for submission to the Wcom for an approval (by an electronic vote or at the next Com meeting)

Technical work

- renowned magazine **Nature Physics** approached WELMEC to prepare an article to their special part „**Measure for Measure**“ where lighter and more popular articles are published (more to amuse, no deep science)
- Chair with the help of ExBo members developed such an article
- in a slightly changed version is available on our web-site

Digital transformation – my comments

- Various aspects of **digital transformation** applicable to legal metrology (metrological cloud, predictive maintenance etc.) are discussed
- **Remote verification**: SW can be validated remotely (with additional costs) but it cannot replace an establishment of full metrological traceability (by using a standard **on site** to check the A/D conversion)
- **Conveying the measured data to consumers**: it is rather a shame that until now **no agreed and legal way** how to transfer them directly to **electronic devices** like mobiles, tablets and NBs is available (as an option to a display required by the EU directives)

Digital transformation – my comments

- Machine readable conformity assessment certificates: the most important is the decision itself which is straightforward, currently I cannot see any benefits out of that



**THANK YOU FOR YOUR
ATTENTION!**

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