

# WELMEC e.V. – highlights 2022 - 2023

Pavel Klenovsky, WELMEC Chair (Czech  
Metrology Institute)

## 4th Committee meeting

- May 3rd – Session A, closed session, May 4-5 Session B, open session
- Venue: PTB Braunschweig, Germany, 31 out of 38 members represented
- Discussion about the format of the COM meeting – a preference given to face-to-face meetings
- **Extraordinary Committee meeting** in September 2023 (on-line) to elect new members of the ExBo, to raise the secretariat fees by 20% + others
- Technical exchange: **charging infrastructure in Europe** (EVSE, EVCE) for EVs

## Technical exchange

- The main topic of this year's technical exchange are **charging stations/DC meters for electromobility (EV)**
- The registered speakers:
  - K.Gierschke, DE
  - W. de Waal, NL
  - R.Hansson, SE
  - C.Mester, WELMEC WG 11, CH
  - P.Klenovsky, CZ

## Technical work - highlights

Approved items:

- Implementation of the strategy
- The issue of quick response procedure to develop technical discussion papers (opinions) - even after reformulation of the paper the Committee has not accepted that, to the disappointment of some stakeholders
- New WG on digital transformation – ToR approved, the Delegates are invited to nominate members of the group
- New Ad-hoc WG of the Committee established to discuss legal aspects of charging infrastructure in Europe from the view point of metrology

## Technical work

- A **white paper** to be prepared by ExBo on fit-for-purpose of the EU metrological directives
- The matter with the **various inscriptions on NAWIs** is in the 2nd stage (after an appeal) at the German federal court, in the 1st stage the court decided in favour of Mettler-Toledo – WELMEC has delivered a number of opinions on the matter based on WG 2 analysis
- Steps have been taken by WG 2 to **finalize the revision of Guide 2 Weighing instruments**
- An important document is being finalized in WG 8 – **Guide 8.10 on statistical verification**
- **3 new/revised Guides and 2 corresponding tables approved**

## Technical work - highlights

- International Conference of Weighing (ICW), Hamburg - active participation by Chair (April 25, 2023) in the session on digitalization in legal metrology
- In informal discussions the WELMEC contributions in the past very much appreciated
- E.g. the modular approach to evaluation of measuring instruments is by way of WELMEC available only in Europe (no OIML document on the issue as well)
- CECIP calls for a unified procedure for re-verification of weighing instruments in Europe (at least e.g. for NAWIs in supermarkets)

## WELMEC webinars

### **1st WELMEC webinar:**

- Key topic: fit-for-purpose of EU directives in metrology (MID, NAWID), relevant to the special European situation
- Date: November 23, 2022
- Participants: over 160
- ExBo will seek to collate the available information (white paper) by the end of the year

**2023: possibly to be aimed at charging infrastructure in Europe from the metrological point of view**

## The current state of play in regulation in the EU

- Technical concepts in both directives (especially in Annex I Essential requirements and in the instrument specific annexes) are now more or less 20 years old, no major technical revision since that time
- In times of digitalization and energy transition such a metering regulation is fast becoming out of date - as a result, any scope for more guidance in WELMEC is fast becoming quite narrow
- Therefore, the question whether MID and NAWID are still fit-for-purpose is quite imminent now – the EC launched in December 2022 a study to analyze the situation (to be available after 16 months) → no new EU regulation of measuring instruments in next 7 years (at least)



## Impact of digitalization

- digitalization progresses dynamically, the role of transfer of data by telecommunication means is absolutely crucial (smart meters etc.)
- the rate of changes in communication protocols/SW is extremely high – from this and other reasons they basically defy any certification
- the uptake of any regulation among manufacturers is currently low – after all, only guidance is available, not binding legislation, then any effective certification and surveillance are rather impossible
- as a result, the whole system of legal metrology is fast heading to an uncharted territory where nobody can guarantee anything in terms of protection of public interests – it can easily lead to violations of essential citizens rights

## Potential role of WELMEC

- in areas where there is no EU regulation WELMEC can step in with **voluntary type examination (or other) agreements** among legal metrology authorities (like in times before the EU metrological directives appeared – TAA, Type Approval Agreements)
- among others, it could be **SW requirements, remote downloads of legally relevant SW, new kinds of measuring instruments (e.g. DC electricity meters), recognition of verified measuring instruments moving across borders in the EU etc.**
- **the structure** could be the same as in the new approach directives: **essential requirements + ideally EN standards, OIML Recommendations, (IEC standards)**

## Potential role of WELMEC

- such a concept would be strongly supported by the EU legislation on mutual recognition Regulation (EU) 2019/515 on the *mutual recognition of goods* lawfully marketed in another country
- the *translation* to all the EU languages could be made *by the services of the European Commission*
- There are intensive discussions at the European Commission how to make a breakthrough here
- if only WELMEC gets strong enough to be able to make it...

## Cooperation with EURAMET

- The collaboration since the last CM is currently not very intensive, due to the pre-occupation of EURAMET with financial arrangements in the EPM programme on their 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
- 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

## Cooperation with EURAMET

- 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 in some cases submit proposals aimed at legal metrology directly within EURAMET on behalf of WELMEC
- October 23, 2023: joint event with EURAMET - open consultation on regulation towards the upcoming regulation call in EPM programme

# Recognition of CE in the UK

## Extension to UKCA Marking Deadline

Businesses will have additional 2 years to apply new product safety markings for most products placed on the market in England, Scotland and Wales, the Government. Recognising the impact of the pandemic on businesses, **the Government will extend this deadline to 31 December 2024 to apply UKCA marks for certain products to demonstrate compliance with product safety regulations, rather than 1 January 2023.**

<https://www.gov.uk/guidance/placing-manufactured-goods-on-the-market-in-great-britain>



**THANK YOU FOR YOUR  
ATTENTION!**

[www.welmec.org](http://www.welmec.org)