



Organisation Internationale de  
**Métrieologie Léegale**  
International Organization of  
**Legal Metrology**



# **CIML Agenda Item 15.1**

## **Report on the 2023 Annual RLMO Round Table Meeting**

**Dr. Charles Ehrlich, CIML 1<sup>st</sup> VP, Chair RLMO RT**



# Since the 2022 RLMO RT Annual Meeting

The RLMO RT held two (virtual) Interim Meetings in 2023:

19 January 2023

31 May 2023

- Short update presentations from the RLMOs on matters of interest/urgency, including training, were permitted, but they were not required;
- Presentation provided at the January Interim Meeting on OIML work on EVSEs by Dr. Matthijs van der Wiel, Convener of OIML/TC 12/p 3;
- Plans were made for the 2023 Annual RLMO RT Meeting (26 September).



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## RLMO Round Table

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The RLMO Round Table is a network and a forum for information-sharing among the Regional Legal Metrology Organisations that liaise with the OIML.

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[Click here](#) for the Agenda and discussion topics of the RLMO Round Table on 26 September 2023.



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### RLMO Round Table

- RLMO RT 2023-09-26
- RLMO RT 2022-09-27
- RLMO RT 2021-09-30
- RLMO RT 2020-10-08



## **RLMO Round Table Annual Meeting**

Tuesday, 26 September 2023

10:00–14:00 UTC

### **Agenda**

(v.2, 8 September 2023)

1. Welcome by the RLMO RT Chairperson
2. Roll call/Introductions (of new participants)
3. Update from the Round Table Chairperson
4. Updates from the RLMOs
  - a. WELMEC (Dr. Pavel Klenovský)
  - b. SIM (Ms Sandra Marcela Rodríguez)
  - c. GULFMET (Eng. Amina Al Bastaki)
  - d. COOMET (Mr. Marat Yunusov)
  - e. APLMF (Dr. Yoshi Matsumoto)
  - f. AFRIMETS (Mr. Jaco Marneweck)
5. OIML Digitalization Task Group (DTG) (Sascha Eichstaedt)
  - a. Update on DTG activities
  - b. OIML Seminar on “The future of OIML in the digital era”



## RLMO Round Table Annual Meeting

Tuesday, 26 September 2023

10:00–14:00 UTC

**Agenda (continued)**

(v.2, 8 September 2023)



### 6. 2023 RLMO RT Open Forum discussion topics:

- a. Measurements in Law Enforcement – general discussion; (Jaco Marneweck)
- b. CIML Meeting Addendum 11.2.2: Project proposal, DC electricity metering (USA)  
(Katya Delak)
- c. Follow-up(?) on Electric Vehicle Supply Equipment (EVSE) – Are there any further questions and feedback for Dr. Matthijs van der Wiel and Dr. Henri Schouten on EVSE activities and issues in the Regions. (Katya Delak)

As a reminder, the EVSE Met Talk webinar can be accessed at:

<https://www.youtube.com/watch?v=LJGK7j68TCE>

### 7. Coordination of E-learning activities among the RLMOs and with OIML

- a. Follow up on January 2023 presentation of ideas and issues given by Dr. Yoshi Matsumoto,  
APLMF Training Coordinator
- b. Update on OIML e-learning platform (Ian Dunmill)
- c. Q&A and open discussion



## RLMO Round Table Annual Meeting

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**Agenda (continued)**

(v.2, 8 September 2023)



### 8. Updates on other OIML activities

- a. Update on CEEMS AG (Jaco Marneweck)
- b. Update on OIML-CS (Paul Dixon);
- c. Update on OIML Bulletin topics (Chris Pulham);
- d. Update on Web Site and PG Workspace for the RLMO RT (Chris Pulham / Luis Mussio);
- e. Other?

### 9. Any other business

### 10. Meeting conclusions

### 11. Closing remarks



## 8. Updates on other OIML activities

### a. Update on CEEMS AG

The CEEMS countries/economies are typically more engaged in the individual RLMO meetings than in the OIML RT, but improving this situation will be pursued by both the CEEMS AG and the OIML RT.





# Brief Highlights from the 2023 RLMO RT Presentations

## WELMEC:

- WELMEC is pursuing a “targeted amendment” of the European Measuring Instruments Directive (MID) to:
  - o Establish the set of essential requirements that electric vehicle charging stations should meet;
  - o Establish the set of essential requirements that hydrogen refilling stations should meet;
  - o Decide whether and how requirements on electrical energy meters and smart meters might be modified.
- Other targeted amendments are also under consideration:
  - o Gas meters;
  - o Thermal energy meters;
  - o Etc.
- An Ad-hoc Working Group on legal aspects of charging infrastructure in Europe has been established ...
- Also, Terms of Reference have been approved for a new Working Group on digital transformation;
- WELMEC is also actively looking at issues surrounding downloading software updates;
- WELMEC is also cooperating more strongly with EURAMET.



# Brief Highlights from the 2023 RLMO RT Presentations

## SIM:

- The main update is that there has been a change in the Chair of the SIM LMWG, from Pedro Perez (Colombia) to Sandra. This has only to do with SIM bureaucracy and nothing more.;
- The SIM LMWG has conducted training this year on:
  - o OIML D 31 (software);
  - o Energy meters (Brazil);
  - o Fundamentals of Metrology training at NIST for 12 SIM countries.
- Also, training was provided by Korea for SIM Legal Metrology Technicians.
- Costa Rica has activities in the areas of:
  - o Fuel dispensers;
  - o NAWIs
  - o Electricity meters;
  - o Regulation.
- SIM contributed significantly to the special April 2023 OIML Bulletin issue on RLMOs.
- SIM is working with AFRIMETS on the development of a new TC 6 publication on an R 87 template for the metrological control of pre-packaged products.
- The SIM LMWG is actively pursuing stronger participation by more SIM countries in the LMWG.
- The SIM LMWG is heavily pursuing Metrology for Digital Transformation, with several Pilot Projects on:
  - o DCCs
  - o Developing a low cost Temperature Humidity Bias system with digital criteria;
  - o Evaluating what “remote calibrations” could be ...



# Brief Highlights from the 2023 RLMO RT Presentations

## GULFMET:

- Iraq has become a new Associate Member;
- GULFMET attended the OIML-CS MC meeting and associated meetings in Bern this year;
- GULFMET has had three training courses this year:
  - o NAWIs
  - o OIML D1
  - o OIML-CS
- The following Guidelines were reviewed and approved by the GULFMET TC-Legal:
  - o Pre-packaged products;
  - o Metrological supervision;
  - o Authorizing verification and inspection bodies;
  - o Type approval.
- An extensive plan for training for the remainder of 2023, and into 2024 was presented (see power point file posted on RT web site).
- GULFMET is expanding its relations with IMEKO.
- Two new GULMET Technical Committees have been formed:
  - o Acoustics, Ultrasound and Vibration;
  - o Time and Frequency.
- The GULFMET Second Metrology Symposium will be held April 22-23, 2024, in Dubai.



## Brief Highlights from the 2023 RLMO RT Presentations

### COOMET:

- An “Extraordinary” 35<sup>th</sup> COOMET Committee Meeting took place on September 19, 2023;
- The Secretariat of COOMET has transitioned from Belarus to Kazakhstan;
- The UNIDO-OIML Brochure on “Certification of measuring instruments” has been translated into Russian;
- The next meeting of the COOMET Technical Committee “Legal Metrology” will be held on November 2, 2023 in Tashkent, Uzbekistan.



# Brief Highlights from the 2023 RLMO RT Presentations

## APLMF:

- Dr. Zakaria was ill and could not attend. Best wishes for a speedy recovery were conveyed by the RT Chair;
- There are currently 21 Full Members, 2 Corresponding Members in APLMF;
- Will next meet in person in the Philippines in early November, 2023;
- There are 8 Working Groups in APLMF (see posted presentation on RT web site);
- A new Sub Group on Digitalization in Metrology has been formed;
- APLMF conducts extensive training courses, most have shifted to virtual since the pandemic;
- Difficulties have been experienced in maintaining skilled experts and trainers due mainly to retirements;
- Courses scheduled for 2023 include:
  - o Metrology for Health (Joint with APMP);
  - o EVSE;
  - o Pre-packaged goods;
  - o List planned for 2024 given in posted power point.
- There are also many E-Learning materials under development in APLMF (see posted power point);
- The MEDEA 3 project of PTB is ongoing, and focuses on the Sustainable Development Goals of health, water, economy, and industry;
- The latest 5-year APLMF Strategic Plan (2021-2025) is available on the APLMF web site.



# Brief Highlights from the 2023 RLMO RT Presentations

## AFRIMETS:

- Mr. Marneweck reported that there is no AFRIMETS report available at the RT meeting, but that one will be provided soon.



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**Thank you for your attention!**