



An overview of recent activities of the
**Regional Legal Metrology Organization Round Table
(RLMO-RT)**
and the
CEEMS Advisory Group




Dr. Charles Ehrlich
CIML 1st Vice President and
RLMO-RT Chairperson





FRANÇAIS CONTACT Search Site MY ACCESS

 Organisation Internationale de **Métrologie Légale**
International Organization of **Legal Metrology**

HOME ABOUT PUBLICATIONS STRUCTURE OIML-CS NEWS & MEETINGS TC/SC/PG







You are here: Structure > RLMO Round Table

RLMO Round Table

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

This group is a source of advice and feedback for the OIML to initiate actions that are of interest for all the parties involved. It has been meeting annually since 2007, usually in conjunction with the CIML meeting. The RLMO RT is currently chaired by the CIML First Vice-President, Dr Charles Ehrlich.

The RLMO Round Table has representatives from the following organisations:

	AFRIMETS Intra-Africa Metrology System		GULFMET Gulf Association for Metrology
	APLMF Asia-Pacific Legal Metrology Forum		SIM The Inter-American Metrology System
	COOMET Euro-Asian Cooperation of National Metrological Institutions		WELMEC European Cooperation in Legal Metrology

[Click here](#) for the Agenda and discussion topics of the RLMO Round Table on 27 September 2022.

29th ASIA-PACIFIC LEGAL METROLOGY FORUM (APLMF)
Kuala Lumpur, Malaysia
1 - 2 November 2022



FRANÇAIS CONTACT Search Site MY ACCESS

OIML Organisation Internationale de **Métrologie Légale**
International Organization of **Legal Metrology**

HOME ABOUT PUBLICATIONS STRUCTURE OIML-CS NEWS & MEETINGS TC/SC/PG







You are here: Structure > RLMO Round Table

RLMO Round Table

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

This group is a source of advice and feedback for the OIML to initiate actions that are of interest for all the parties involved. It has been meeting annually since 2007, usually in conjunction with the CIML meeting. The RLMO RT is currently chaired by the CIML First Vice-President, Dr Charles Ehrlich.

The RLMO Round Table has representatives from the following organisations:

	AFRIMETS Intra-Africa Metrology System		GULFMET Gulf Association for Metrology
	APLMF Asia-Pacific Legal Metrology Forum		SIM The Inter-American Metrology System
	COOMET Euro-Asian Cooperation of National Metrological Institutions		WELMEC European Cooperation in Legal Metrology

[Click here](#) for the Agenda and discussion topics of the RLMO Round Table on 27 September 2022.



RLMO Round Table
RLMO RT 2022-09-27
RLMO RT 2021-09-30
RLMO RT 2020-10-08





RLMO-RT Meetings since the 2021 RLMO-RT Annual Meeting

The RLMO RT held two (virtual) Interim Meetings in 2022:

20 January 2022

27 May 2022

- Short update presentations from the RLMOs on matters of interest/urgency, including training, were permitted, but they were not required;
- Two presentations were provided on specialty topic of interest (smart meters);
- Plans were made for the 2022 Annual RLMO RT Meeting (27 September).



RLMO Round Table Annual Meeting Agenda

Tuesday, 27 September 2022

1. Welcome by the RLMO RT Chairperson (Dr. Charles Ehrlich)
2. Roll call
3. Update from the Round Table Chairperson
4. Updates from the RLMOs
 - a. SIM (Ms. Sandra Rodríguez)
 - b. GULFMET (Eng. Amina Al Bastaki)
 - c. COOMET (Dr. Valery Hurevich)
 - d. APLMF (Dr. Osman Zakaria)
 - e. AFRIMETS (Mr. Jaco Marneweck)
 - f. WELMEC (Dr. Pavel Klenovský)
5. Open Forum on the 2022 RLMO discussion topics ('Digitalization' and 'Smart Meters')
6. Coordination/Planning of OIML Bulletin Issue for April 2023 on RLMOs and Prepackaged Products

(continued)



RLMO Round Table Annual Meeting Agenda (continued)

7. Update on the CEEMS AG (Mr. Peter Mason)
8. Update on the OIML-CS (Mr. Mannie Panesar/Mr. Paul Dixon)
9. Business meeting to address other ongoing RLMO and other relevant OIML matters
 - a. Decision to hold either one or two Interim RT Meetings per year;
 - b. Have talks on specialty topics at 2023 Interim RT Meeting(s);
 - c. Open Forum Discussion Topic(s) for 2023;
 - d. Key 2022 CIML Meeting Topics (e.g., OIML B 12 revision);
 - e. Any change in view about making relationship between RLMOs and OIML more formal?;
 - f. Updates on PG Workspace(s) and OIML Web Site for RLMO RT;
 - g. Follow-up interactions with EURAMET;
 - h. Discussion on E-learning progress/initiatives;
 - i. How to better engage CEEMS countries/economies in the RT?;
 - j. Other?
10. Future collaborations
11. Conclusions
12. Any other business



9. Business meeting to address other ongoing RLMO and relevant OIML matters

a. Interim RT Meetings next year:

- Two Interim RT Meetings are planned, one in January 2023 and one in May 2023.

b. Talks on specialty topics at 2023 Interim RT Meetings:

- Electric Vehicle Supply Equipment (EVSE)
- Measurements in Law Enforcement

c. Open Forum Discussion Topics for 2023:

- Digitalization;
- Smart Meters;
- Electric Vehicle Supply Equipment (EVSE); and
- Measurements in Law Enforcement

d. Important 2022 CIML Meeting Topic – approval of the OIML B 12 revision “Policy paper on liaisons between the OIML and other bodies” (*Now approved*)

“OIML Policy concerning coordination with RLMOs will be routinely considered annually at RLMO Round Table Meetings.”



9. Business meeting to address other ongoing RLMO and relevant OIML matters

e. Has there been any change in the view about making relationship between RLMOs and OIML more formal?;

- No. The RLMOs prefer to keep the current arrangement, where the RLMOs are entirely independent of OIML on a formal basis but continue to interact with OIML through the Round Table. Also, the RLMOs benefit from participation of OIML-CS representatives in some RLMO meetings. Some of the RLMOs have established bilateral arrangements.

f. Updates on PG Workspace(s) and OIML Web Site for RLMO RT;

- The OIML Website and the PG Workspaces for the RT have been significantly upgraded by the BIML Staff this year!

g. Follow-up interactions with EURAMET;

- At the May 2022 Interim RT Meeting Dr. Jörn Stenger, Chairman of EURAMET, made a presentation welcoming collaboration with the RLMOs, singularly and/or as a group. At the annual RT meeting it was reported that GULFMET has explored this, and WELMEC has ongoing relations with EURAMET.



9. Business meeting to address other ongoing RLMO and relevant OIML matters

h. E-learning progress/initiatives?;

- A report was provided by Mr. Dunmill. Necessary computer hardware at the BIML is now in place, but software continues to be an issue.
- Additionally, discussions on the possible incorporation of e-learning materials from APLMF on the OIML platform are continuing.

i. How to better engage CEEMS countries/economies in the RLMO-RT?;

- This continues to be a very important (but difficult) issue!
- The CEEMS countries/economies are typically more engaged in their individual RLMO meetings.
- Better addressing the needs of CEEMS countries for initial and subsequent verification of NAWIs (OIML R76) was also discussed.



Some Brief Highlights from the 2022 RLMO Presentations

AFRIMETS:

- The 15th AFRIMETS General Assembly took place virtually in July 2022, with the main focus being the continued self-sustainability of AFRIMETS.
- A Meeting of AFRIMETS Technical Committee Legal and a Workshop took place virtually before the AFRIMETS GA, also in July 2022.
- An AFRIMETS TC Legal Workshop was held on 13 July 2022. It focused on the regulation of smart electricity meters and was led by 3 distinguished international guests:
 - Dr. Pavel Klenovský -Czech Metrology Institute, Brno
 - Dr Juan Carlos Mateus Sánchez –INMETRO, Brazil
 - Ms Sowmya Ramakrishnan -National Measurement Australia (NMIA), co-convener for the OIML TC 12/p 1.
- AFRIMETS TC LEGAL decided that this workshop will be followed–up by similar such workshops.





Some Brief Highlights from the 2022 RLMO Presentations

COOMET:

- The 33rd COOMET Committee online meeting was held last week, 25-27 October 2022.
- In 2022, a new COOMET Task Group on the “Issues of Digital Transformation in Metrology” was established.
- The COOMET TC 2 on "Legal Metrology" continued the translation of a number of OIML publications (including OIML D1:2020, D10, D30, D32, R75, and G14) and the Brochure UNIDO-OIML "Certification of measuring instruments“ this year.
- In 2023, COOMET TC 2 plans for additional translations of OIML D11, D31, D 33, R125; and also plans to implement a project on "Development of rules for setting up reverification and recalibration intervals for measuring instruments used in the field of legal metrology.”
- The 23rd COOMET TC 2 online meeting is scheduled to be held in December 2022.





Some Brief Highlights from the 2022 RLMO Presentations

GULFMET:

- A GCC Certification Scheme is being developed that is based on the OIML-CS.
- Also, the GCC Common Metrology Law has been updated and put forward to the Ministerial Committee.
- GULFMET attended the CEEMS AG meeting in July 2022.
- GULFMET also participated in-person at the IMEKO Conference on ‘Metrology and Digital Transformation’ that was held in Berlin in September 2022.





Some Brief Highlights from the 2022 RLMO Presentations

SIM:

- The SIM Web Page on Legal Metrology has been updated, and online meetings of the SIM LMWG are now being held every three months.
- A repository of the results of metrological verification of prepackaged products in the SIM countries is progressing using a template.
- Based on survey results, training courses in the areas of Energy Meters, Non-Automatic Weighing Instruments, Fuel Dispensers and Software have been identified as the key needs in the SIM countries.
- SIMEL (Colombia), RBMLQ-I (Brazil), SICOMET (Argentina) and, recently, INACAL (Peru) continue to work on Digitalization systems in their countries.
- Regulation of Smart Electricity Meters is now becoming a priority in some of the SIM countries.



Some Brief Highlights from the 2022 RLMO Presentations

WELMEC:

- WELMEC approved 9 revised Guides, 2 new Guides and 1 ‘corresponding table’ at the most recent Committee Meeting. Future Committee meetings will include short (10-minute) talks on hot issues in legal metrology through a “technical exchange.” The next Committee Meeting will be in May 2023, in Braunschweig.
- WELMEC is launching regular annual or biannual webinars to inform stakeholders about new developments in WELMEC activities. The first will be on November 23, 2022, on fitness-for-purpose of the European Directives in metrology.
- A new WELMEC Working Group has been established on Digital Transformation. Draft Terms of Reference have been established by the WELMEX Executive Board.
- An article on legal metrology has been published in the magazine *Nature Physics*. It is titled “The Metrology behind Trade” and was prepared by the WELMEC Chair and Executive Board members.





(and now shifting gears to the ...)

CEEMS Advisory Group Update





CEEMS AG Leadership Update

- The CIML has appointed **Mr. Jaco Marneweck** as the CEEMS Advisory Group Chairperson for a 3-year term starting in January 2023. Mr. Marneweck (CIML member from South Africa) has served for several years as the AFRIMETS representative on both the CEEMS-AG and the RLMO-RT.
- The CIML has also appointed **Mr. Han Jianping** (from P.R. China) as the CEEMS-AG Vice-Chairperson for a 3-year term starting immediately.
- **Mr. Peter Mason** (from the UK) is the out-going CEEMS Advisory Group Chairperson. Mr. Mason was awarded an OIML Medal for his many years of service to OIML, including his 6-year term as the CIML President.
- As part of his report to the CIML, Mr. Mason strongly encouraged other CIML members to consider joining and contributing to the work of the CEEMS-AG.



CEEMS-AG, Revision of OIML B 19

- In October 2022, the CIML approved the revision of B 19:2017 *Terms of Reference for the Advisory Group on matters concerning Countries and Economies with Emerging Metrology Systems (CEEMS)*.
- Now having 6 years of experience since the formation of the CEEMS-AG, the revised B19 document provides for the following:
 - Additional functions of the AG – such as promoting the OIML technical work, the OIML-CS, and new areas (e.g. digitalisation);
 - A more detailed procedure for nominating the AG Chairperson and Vice-Chairperson;
 - Revised Secretariat arrangements;
 - A more detailed process for co-opting experts (including the renewal of their terms);
 - Provisions for online meetings;
 - A procedure for appointing proxies from CIML volunteers and RLMO representatives; and
 - A provision for observers.





Some CEEMS AG Activities

- **New Guide.** Development of a new publication entitled *Guide to the use of online technology for conducting CEEMS activities in a post-COVID world*; this should soon be published as an OIML Guide.
- **Digital Transformation in CEEMS.** The AG plans to conduct surveys on CEEMS priorities and provide assistance to the OIML DTG to develop proposals for guidance documents and for training.
- **OIML D1:2020 . National metrology systems – Developing the institutional and legislative framework.**
 - Work has started to encourage/promote the use of D 1 as widely as possible;
 - Collaboration with the BIPM to develop an e-Learning package and other materials on D 1.
- **Additional Work.**
 - Planning for OTC/OTE event on ‘Prepackages and Statistic Control’ planned for in Germany (3–7 July 2023):
 - Restarting of the CEEMS/p 1 project on the revision of D 14 *Training and qualification of legal metrology personnel*.





Thank you for your attention!

Questions?

