



Agenda Item 15.3:

Updates by other organisations in liaison

Agenda Item 15.3i:

Update from SIM

MANAGEMENT REPORT

SIM - LEGAL METROLOGY WORKING GROUP

PRESENTED BY: PEDRO PÉREZ VARGAS

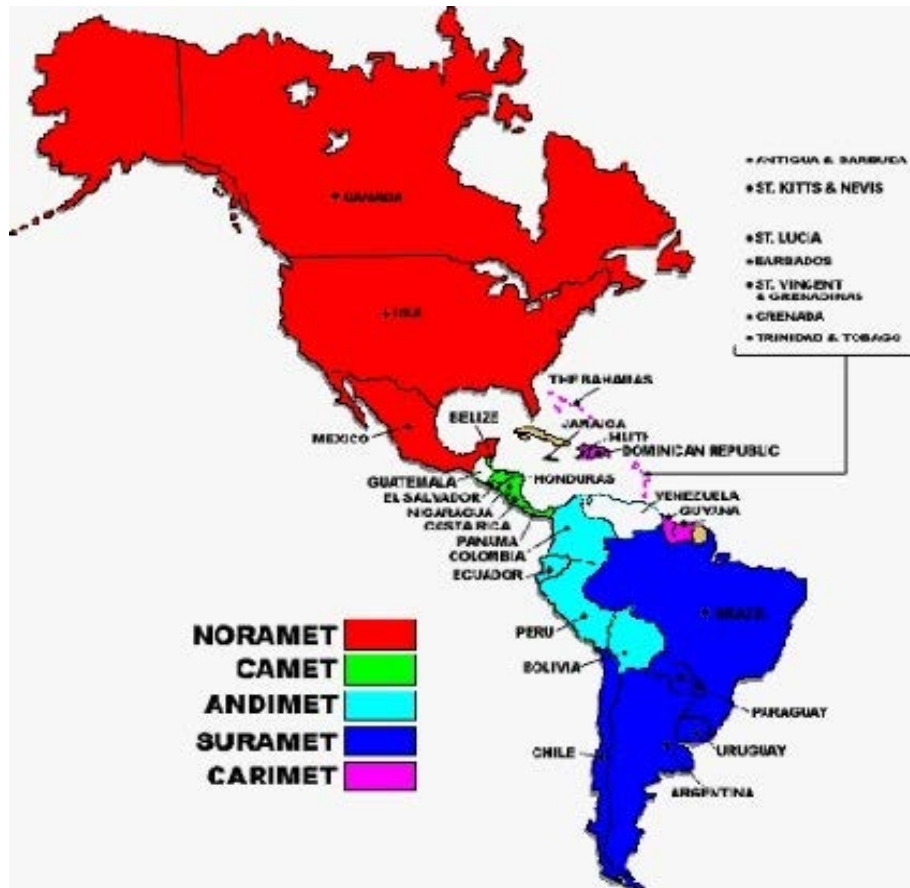
MANAGEMENT DATE: SEPTEMBER 2020 - SEPTEMBER 2021

INTRODUCTION

This document is prepared and presented, in order to publicize the management achieved by the SIM Legal Metrology Working Group.

Therefore, the results of the activities developed and executed from September 2020 to September 2021 will be indicated.

SIM -LMWG MEMBERS BY SUBREGIONS



SUBREGION	COUNTRY	REPRESENTATIVE	NMI/ORGANIZATION
NORAMET	CANADA	CARL COTTON	NRC
	USA	RALPH RICHTER	NIST
	MEXICO	ANDRES CONEJO VARGAS	CENAN
CARIMET	ANTIGUA AND BARBUDA	DIANNE LALLA-RODRIGUES	ABBS
	BAHAMAS	ARIELLE BRAYNEN	BBSQ
	BARBADOS	MARGARET CANVALET LESLY	BNSI
	DOMINICAN REPUBLICA	RUBEN NERIS	INDOCAL
	GRENADA	ROBERT MEDFORD	GDBS
	GUYANA	JERMAINE SOFTLEY	GNBS
	HAITI	ABDIAS AUGUSTIN	BHN
	JAMAICA		BSJ
	ST. LUCIA	MARCIANO BUSBY	SLBS
	ST. KITTS AND NEVIS		SKNBS
	ST. VICENT AND GRENADINES		SVGBS
	TRINIDAD AND TOBAGO	PAMELA.RAMSUBHA	TTBS
CAMET	BELIZE	JOSÉ TREJO	BBS
	COSTA RICA	SANDRA MARCELA RODRÍGUEZ	LACOMET
	EL SALVADOR	JORGE ADALBERTO MEDRANO	CIM
	GUATEMALA	ROMULO SALGERO	CENAME
	HONDURAS		CEHM
	NICARAGUA	HILMA GODOY	MIFIC
	PANAMA	JAVIER ARIAS	CENAMEP
ANDIMET	BOLIVIA	GERSON CHACON	IBMETRO
	COLOMBIA	PEDRO PEREZ VARGAS	SIC
	ECUADOR	NELSON CALLE	INEN
	PERÚ	ROBERTO COLONIA	INACAL
SURAMET	ARGENTINA	LEANDRO GARCIA	INTI
	BRAZIL	BRUNO COUTO	INMETRO
	CHILE	PEDRO IBARRA	INN
	PARAGUAY	SHIGUERU YANO	INTN
	URUGUAY	MARTA AIRAUDO	LATU

ACTIVITIES EXECUTED

- The first meeting was held on **December 15, 2020**, where each of the legal metrology representatives of the National Metrology Institutes - NMI or Organizations corresponding to the countries that are part of SIM were invited.

At this meeting, each of the attendees presented themselves and the following points were initially discussed:

- Date of the next meeting: March 16, 2021
- Status of legal metrology in each country
- Website
- Needs and proposals of each country
- Future collaborations, virtual courses and training

In addition, Colombia presented a project proposal about an information system for prepackaged products, since Colombia through the Superintendency has data of the metrological control checks.

Taking into account the above, this basic information could be shared in all countries, therefore, the idea is to unify the information from the verifications of prepackaged products that is realized in each country and improve surveillance strategies by creating a platform in where all the information is collected and can be consulted.

For the previous points, was necessary establish a survey in order to identify needs and thus be able to develop a work plan.

- According to the answers to the survey, it was possible to identify the status of the participating countries and their specific needs in terms of legal metrology.

The second meeting was held on **March 16, 2021**, where the following points were established:

- The meetings will be held four (4) times a year, in the following months: February, June, September and December.

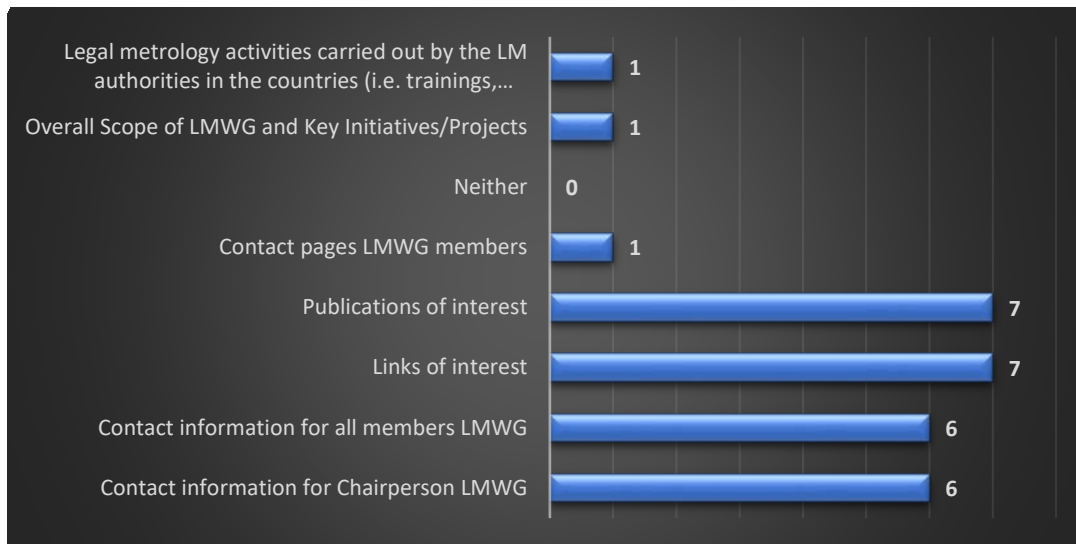


- Current projects to which the LMWG can apply are announced, such as:

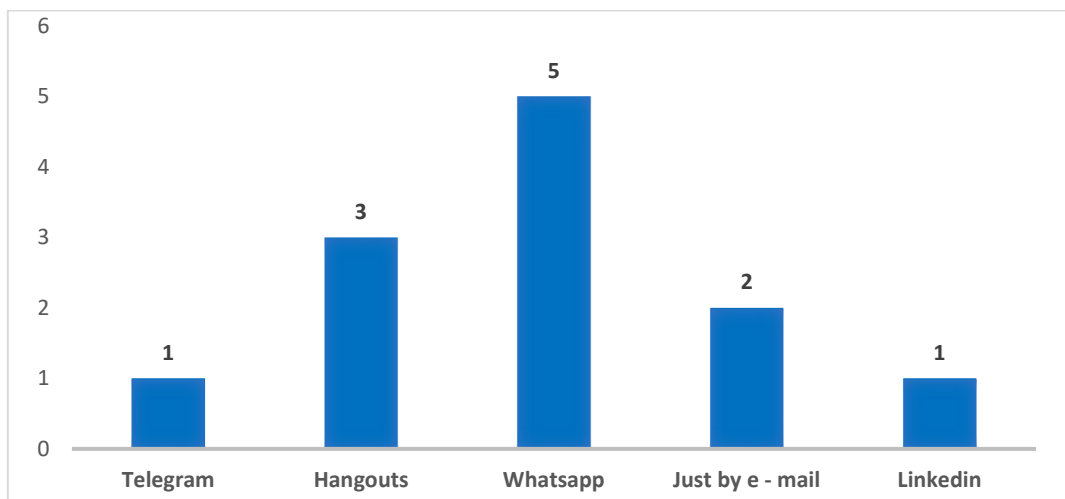
BID Project, on Metrology for Digital Transformation, which aims to have a metrological cloud in cooperation with INM for medical measuring instruments.

SIM GRANT project, in training courses, in this way it could be thought what kind of courses could be carried out. For example: on monitoring and verification of legal metrology, or topics that countries need.

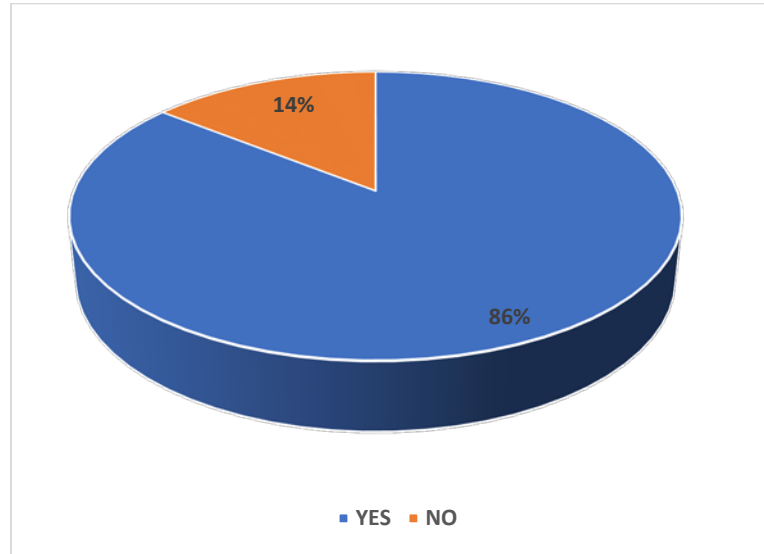
- Regarding the SIM web page, the survey allowed to identify the information that should be published.



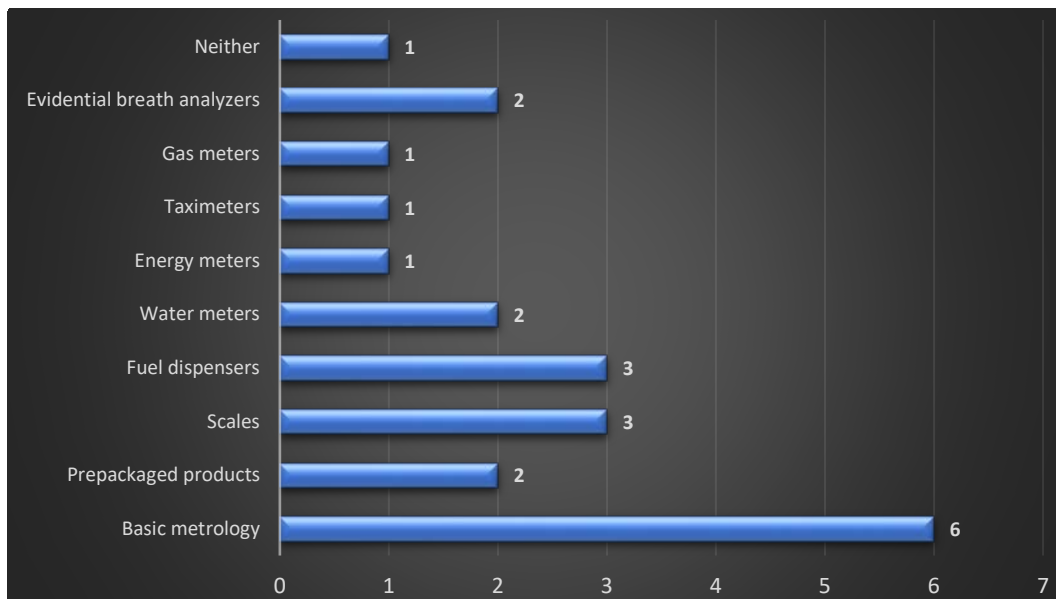
- Faced with the platform that could be used in addition to email, a whatsapp group was created to have a closer contact.



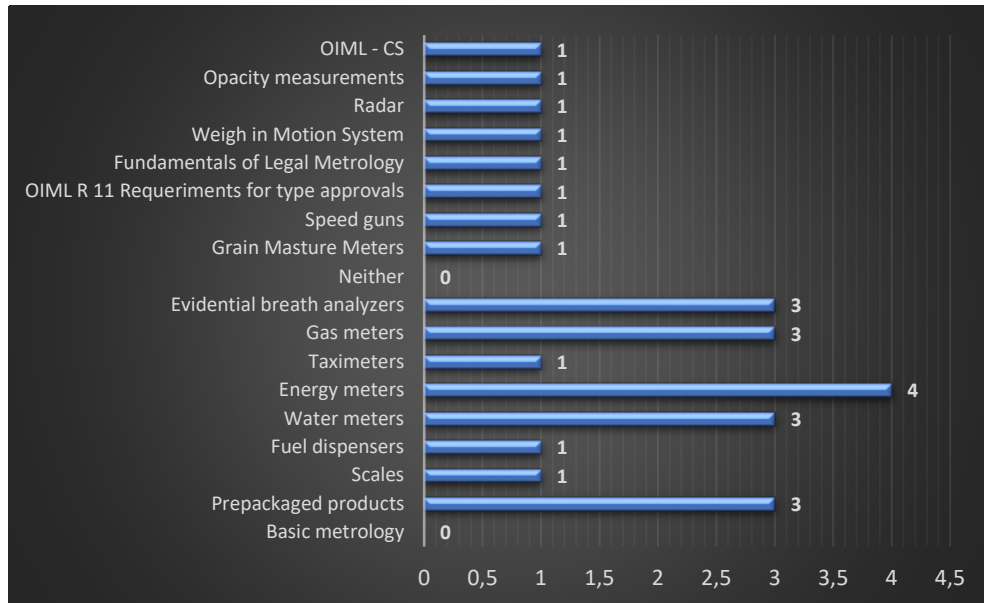
- In accordance with the project proposal for an information system to obtain information on the control activities of prepackaged products, the survey identified that several countries are interested.



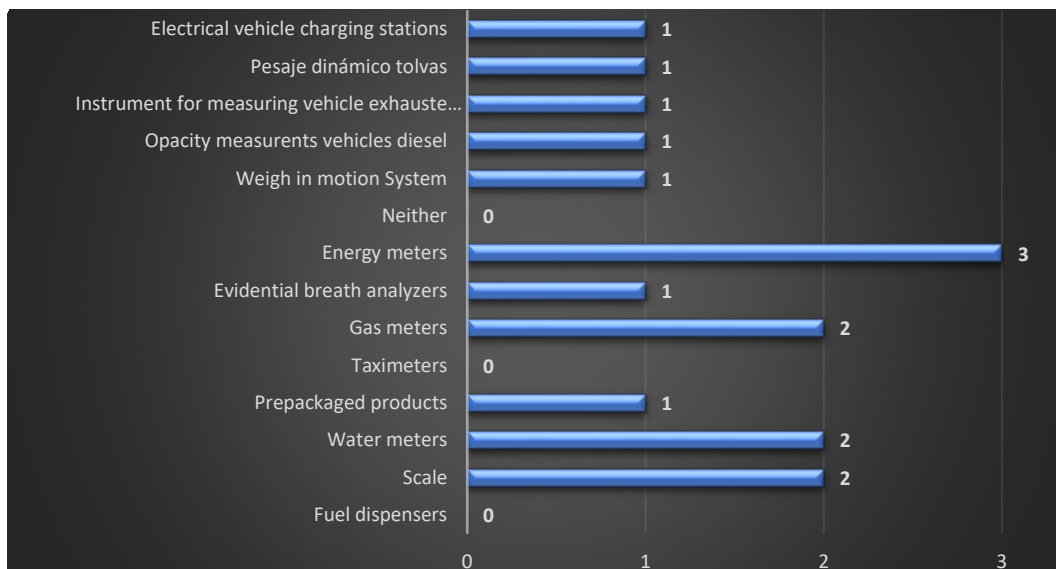
- Regarding the availability of courses available in the different countries, it was possible to identify which topics are available so that those who are interested can have access to them.



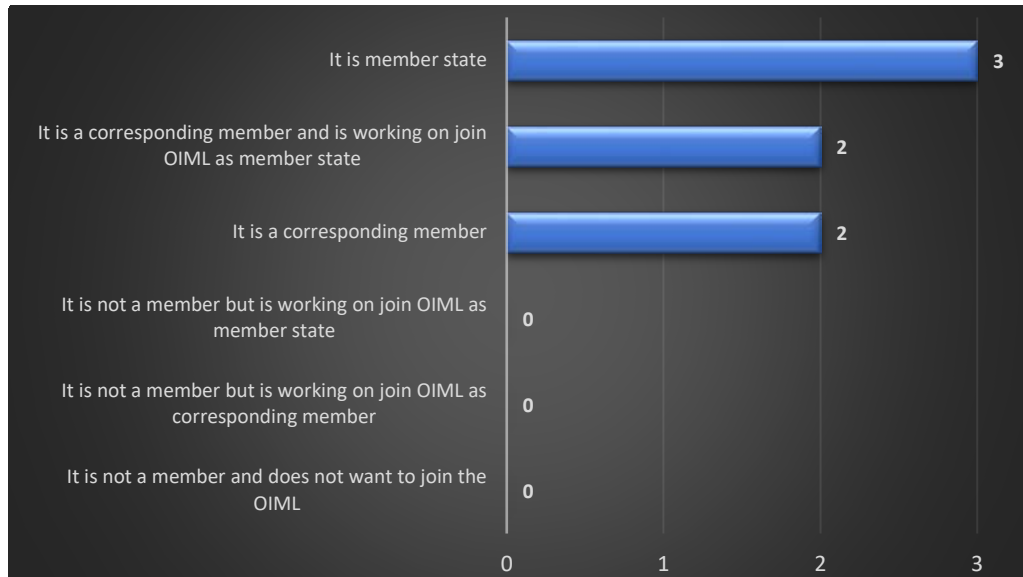
- As for the courses in which countries require training, the most selected were energy meters, gas meters, water meters, evidential breath analyzers and prepackaged products.



- As to what instruments or products have been verified in the pandemic, some countries responded that they verified digital glass thermometers and prepackaged products to protect the lives of people and consumers.
- Regulatory countries are drafting and planning new regulations. Among the most targeted measuring instruments are energy meters, water meters, gas meters and scales.



- Compared to the state of each country in the OIML, three countries are member states, two are corresponding members, and the other two are corresponding members working to become a member state.



- 86% of the countries mention that the information from metrological verifications is public.
- 71% of the countries indicate that the certificates issued by OIML-CS are valid to demonstrate the conformity of measuring instruments such as balances, liquid fuel dispensers and gas meters.
- Finally, regarding the studies, articles or research on the impact of legal metrology in the improvement of the country, 5 countries answered affirmatively.

RESULTS

- Taking into account the results of the survey presented above, in the meetings held on **June 8** and **September 16, 2021**, it was possible to work on the following topics:
 - **REGULAR MEETINGS**
 - **ELABORATION OF PROPOSALS FOR PARTICIPATION IN THE DIFFERENT PROJECTS AVAILABLE: IDB PROJECT AND SIM GRANT**
 - **LMWG SIM WEBSITE UPDATED**

– **REQUEST FOR COURSES AND TRAINING:**

Energy meters: Preparation of survey to determine the state of development of the continent.

Fuel dispenser: Waiting for response from the Australia National Measurement Institute.

NAWI: (The Asia-Pacific Legal Metrology Forum – APLMF) Since launching the pilot in late 2020, we have made several iterations on the course content and expect to make it available to our members from October 1 and will offer 20 places each month thereafter.

- **TERMS AND CONDITIONS OF USE OF THE METROLOGICAL VERIFICATION REPOSITORY FOR PREPACKAGED PRODUCTS OF THE COUNTRIES OF THE INTER-AMERICAN METROLOGY SYSTEM**
- **KNOW THE STATUS OF LEGAL METROLOGY IN THE COUNTRIES OF THE AMERICAN CONTINENT.**
- **TRAINING IN METROLOGICAL CONTROL OF PREPACKAGED PRODUCTS BASED ON OIML R 87 “QUANTITY OF PRODUCT IN PREPACKAGES”.**
- **IDENTIFICATION OF THE NEEDS OF SOME COUNTRIES:**

Documents translations.

Revision of the OIML D11 as a necessity

Acquisition of equipment to realize metrological control on prepackaged products in the CARIMET Subregion.

Training through an expert in OIML D 31 “General requirements for measuring instruments controlled by software”.

REGIONAL LEGAL METROLOGY ORGANISATION ROUND TABLE – RLMO RT

The SIM LMWG has participated in two RLMO RTs from September 2020 to September 2021 and in these the exchange of information between the participating Regional Legal Metrology Organisations has been carried out and has been directed by the OIML.

These meetings were held on the following dates:

- October 8, 2020: Where the main topics were discussed
 - How each RLMO coping with the pandemic situation?
 - How might the relationship between the OIML and the RLMOs be enhanced or augmented?
 - How might the scope of the RLMO Round Table be expanded to enhance collaboration and sharing of ideas beyond just reporting by the RLMO representatives at the annual RT meetings? How might the RLMO Round Table be restructured to better serve your needs?

- September 30, 2021: Where the main topics were:
 - Overview of the main 2021
 - RLMO discussion topic (Digitalization and 'Smart Meters')

CONCLUSIONS

Although not all the SIM members have participated in the meetings held, it has been possible to work on topics of interest in order to improve and strengthen the development of legal metrology in the American continent.

Likewise, through the available projects and the countries with the best development in legal metrology, we have tried to support the countries that need to obtain more knowledge and information.

Finally, it is important to mention that not all countries develop legal metrology in the same way, making it difficult to work in each country's needs.