OIML Digitalisation Task Group
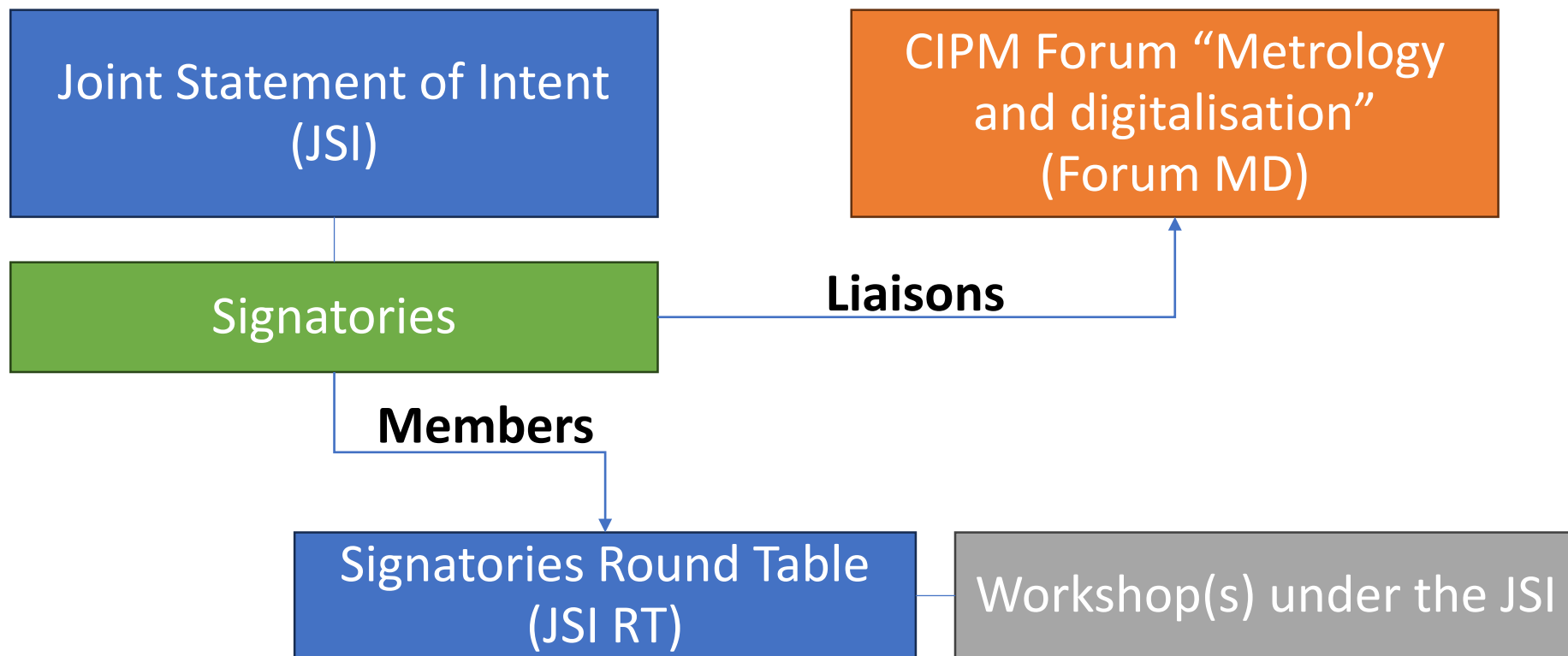
RLMO RT Annual Meeting
30th September 2024

OIML DTG Overview

- Founded May 2022 (confirmed by 57th CIML)

- 33 Members from 21 different countries and economies, and two organisations in liaison

- Sascha Eichstädt (Germany) as Chairperson and Yang Ping (China) as Deputy Chairperson

- Sub-committee "Smart Standards", Convener Katya Delak (USA)

- Sub-committee "eLearning", Convener Catharina Kulka-Peschke

Joint Statement of Intent and CIPM Forum MD

Joint Statement of Intent and CIPM Forum MD

The BIPM is a signatory of the joint statement with the following organizations:

CIE
INTERNATIONAL COMMISSION ON ILLUMINATION

CODATA
COMMITTEE ON DATA OF THE ISC

IEC
INTERNATIONAL ELECTROTECHNICAL COMMISSION

ILAC
INTERNATIONAL LABORATORY ACCREDITATION COOPERATION

IMEKO
INTERNATIONAL MEASUREMENT CONFEDERATION

ISC
INTERNATIONAL SCIENCE COUNCIL

ISO
INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

NCSLI
NATIONAL CONFERENCE OF STANDARDS LABORATORIES INTERNATIONAL

OIML
INTERNATIONAL ORGANIZATION OF LEGAL METROLOGY

CIPM Forum MD – initial sub-groups defined in March 2024

- Exploring harmonisation of DCCs

- FAIR for metrology

- Metrological semantics

- Data quality in metrology

- Secure and trustworthy AI

- Coordination between RMOs

- Coordination between CCs

- SI Digital Framework

DTG Webinar Series 2024

Fundamentals of digitalization in the quality infrastructure

Sascha EICHSTAEDT and YANG Ping
Chairpersons of the OIML DTG

OIML Digitalisation Task Group

"Remote testing"

DTG Webinar 2024
28th May 2024

OIML Digitalisation Task Group

"Machine-readable information in metrology"

DTG Webinar 2024
25th June 2024

OIML Digitalisation Task Group
DTG Webinar 2024

"Digital technologies for processes in legal metrology"

https://www.youtube.com/@internationalorganizationo2310

DTG Survey 2024

The survey questions cover a wide range of technical aspects of digital transformation, partially covered in the DTG's webinar series.

Answers to this survey will help the DTG to prioritise its activities.

- Role / relation to the OIML

- Competence and digital maturity

- Priorities of activities for the DTG

- Understanding of "smart" and "digital readiness"

- Anticipations when moving towards digital

Survey published since early September and lasts until end of October.

So far we have received over 80 responses, but none from CEEMS AG

Ranking of DTG Roadmap items

- Pilot for machine-readable OIML R: 3,20
- Communication material: 2,88
- E-Learning material: 1,99
- Digital OIML platform: 1,94

- Competence of people taking the survey general moderate (about 2.5 of 5), matching that of end-users and economies

Approval of the DTG Roadmap and the proposal to consider it as a map rather than a timeline.

Approval of the general concept of the SC "Smart OIML documents"

Approval of the concept of the SC "eLearning" for an initial course on fundamental principles of digital transformation with focus on legal metrology

Upcoming: new DTG website

OIML-DTG Home page

Introduction

Since May 2022, the OIML Digitalisation Task Group (DTG) has supported the OIML in the definition of and preparation for its future in the digital era. The DTG examines relevant matters, technological advances and potential impacts related to the digital transformation of legal metrology.

In this work, the DTG takes account of the main areas of the OIML's activities (technical work, OIML Certification System (OIML-CS), and activities in support of Countries and Economies with Emerging Metrology Systems (CEEMS)), and the interests of OIML Members and stakeholders.

One general aim of the DTG is to support, promote, and coordinate the international harmonisation and implementation of digital transformation in legal metrology in close cooperation with representatives of international and regional organisations in the scientific and quality infrastructure (QI), based on the respective Joint Statement of Intent.

Overview
of the OIML DTG

The OIML DTG is organised into Subcommittees, ad-hoc working groups, and a Steering Committee

READ MORE

Digital transformation
in legal metrology

Introduction to general concepts, terminology and principles of digital transformation in legal metrology

READ MORE

Subcommittee
Smart OIML documents

Guidance and exchange towards machine-readable OIML documents

READ MORE