



Agenda Item 17.2:

**Report by the
OIML Digitalisation Task Group (DTG)
Provisional Chairperson**



1 Introduction

Following the 56th CIML Meeting in 2021 a new OIML Digitalisation Task Group (DTG) was established on the basis of CIML Resolution 2021/07 and the respective Addendum 4.4.

2 DTG Membership

The following Member States are represented in the OIML DTG:

Australia, Austria, Canada, China (P.R.), Czech Republic, Germany, India, Japan, Korea (R.), Switzerland, United States.

The following Corresponding Members are represented:

Argentina, Iraq, Latvia, Malaysia.

The following Organisations / Institutions in Liaison are represented:

CECIP, IEC Ex.

In addition, the CEEMS Advisory Group (AG) Chairperson, Mr Peter Mason was invited to participate as an observer.

3 DTG meetings

The inaugural OIML DTG meeting took place online on 24 February 2022, and was chaired by the interim OIML DTG Chairperson, Dr Roman Schwartz (CIML President).

A second OIML DTG online meeting took place on 18 May 2022, and was chaired by the interim OIML DTG Chairperson and the provisional OIML DTG Chairperson, Dr Sascha Eichstädt (PTB, Germany) following his nomination by the OIML DTG members to be the OIML DTG Chairperson.

In order to prepare the meetings and to take care of the follow-up actions, a Provisional Steering Committee was established comprising the CIML President, the CIML Second Vice-President, the BIML Director, Dr Eichstädt and, following his nomination to be the OIML DTG Deputy Chairperson, Dr Ping Yang (NIM, P.R. China).

4 OIML DTG Terms of Reference

The Draft OIML DTG Terms of Reference (ToR) were drawn up by the Provisional Steering Committee on the basis of CIML Resolution 2021/07 and the respective Addendum 4.4. They were discussed at both OIML DTG meetings and were endorsed by the OIML DTG following a vote at its second meeting. The CIML is asked to approve the Draft ToR as presented in Addendum 17.3.

5 OIML DTG Chairperson and Deputy Chairperson

There was one candidate for the position of OIML DTG Chairperson, Dr Sascha Eichstädt, and one candidate for Deputy Chairperson, Dr Ping Yang. Their CVs and letters of motivation are available in Addendum 17.1.

At its second meeting the OIML DTG unanimously elected both candidates (with 9 “yes” and 1 “abstain” votes each), using the online Zoom voting feature.

The CIML is asked to appoint Dr Sascha Eichstädt as the OIML DTG Chairperson, and Dr Ping Yang as the OIML DTG Deputy Chairperson, both for a three-year term with immediate effect.

6 Current and planned activities

During the first and second OIML DTG meetings, besides the formal activities to establish a functional Task Group, a number of relevant topics and activities were identified and discussed.

An important event with high relevance for the OIML DTG was the signature on 30 March 2022 of the “Joint Statement of Intent (JSI) on the digital transformation in the international scientific and quality infrastructure”, as published in the April edition of the OIML Bulletin. Original signatories of the Statement are the Presidents of the CIML, CIPM, ISC, CODATA, and IMEKO. Further organisations such as ILAC and ISO are expected to sign the JSI in the future. According to the OIML DTG Terms of Reference, the JSI provides a framework and a reference point for the OIML DTG work.

Four immediate work items, based on proposals from the NMI-A (Australia), CECIP and the Provisional OIML DTG Steering Group were agreed:

1. Support of the IMEKO TC6 Conference “Metrology and digital transformation” (M4Dconf2022), 19–21 September, Berlin, Germany:

There will be a special session on the “Digital transformation of legal metrology processes”; an ad-hoc sub-committee of the OIML DTG was formed to prepare the special session and the BIML has made announcements to its stakeholders both on its website and via its mailing lists.

2. Support of technical work / project groups regarding “SMART”, i.e. starting with machine-readable standards, and then moving towards machine-useable standards and beyond as technology advances, aligned with the IEC/ISO roadmap on “SMART Standards”:

The intention is to establish a dedicated sub-committee of the OIML DTG with members/ representatives from OIML TCs, the BIML, industry and preferably also from ISO/IEC and the CEEMS and OIML-CS communities. OIML B 6 and R 76 were suggested to be considered first as role models. The OIML DTG was informed that the IEC will create a sub-group on digital transformation in conformity assessment in June 2022, similar to the OIML DTG. This IEC sub-group and the OIML DTG could mutually benefit from collaboration and mutual consultations.

3. Strategic items for the role of the OIML in an international digital metrology system:

Based on the recommendations from the NMI-A and CECIP, it is intended to establish an OIML DTG sub-committee inviting experts from OIML TCs. The work could start by developing a common understanding of the topics and terms, outlining the role of legal metrology in digital transformation with a focus on the OIML, and discussing technical elements as use cases and concrete examples, and liaising with other stakeholders,



especially related to the JSI. The aim of the sub-committee could be a strategic report or whitepaper for the OIML to be published, for instance, in the OIML Bulletin. Also, the interoperability of the work of different OIML Project Groups should be considered under this work item, as well as the future role of the final consumer in legal metrology.

4. Support of the “Online Technology Project” initiated by the CEEMS Advisory Group:

The OIML DTG has agreed to provide input to a Draft OIML publication provided by the CEEMS AG Chairperson and Immediate CIML Past President, Mr Peter Mason.

7 Next OIML DTG meeting

The next OIML DTG meeting will be scheduled online in November 2022.

8 Recommendations to be considered by the CIML

The CIML is asked to appoint the elected nominees for the positions of OIML DTG Chairperson and Deputy Chairperson, Dr Sascha Eichstädt and Dr Ping Yang, respectively (see Addendum 17.1).

The CIML is asked to acknowledge the efforts of the Provisional Steering Committee to establish a new OIML DTG, based on CIML Resolution 2021/07, to note the first OIML DTG report and to support the planned activities of the OIML DTG.

The CIML is asked to approve the Terms of Reference as endorsed by the OIML DTG and presented in Addendum 17.3.