



**WELMEC RESPONSE FORM**  
**for WELMEC members to contribute to *EMPIR - the European Metrology Programme for Innovation and Research***

**Objective: to identify the outstanding measurement challenges facing the legal metrology community for input into the future 2020 EMPIR call**

WELMEC committee members have been invited by EURAMET to put forward their **testing and measurement needs in legal metrology** for consideration by metrology institutes for the 2020 EMPIR call. \*

**Relevant groups are invited to contribute with**

- a short introduction of their unaddressed measurement need and
- a contact person (secretary, chair, convenor, liaison officer, etc.) whom proposers for the legal metrology based Potential Research Topics can contact

**after completing this Response Form please send it to:**

EURAMET Management Support Unit (MSU) [msu@npl.co.uk](mailto:msu@npl.co.uk) with the title “WELMEC submission” in the subject heading.

*Deadline for the consultation: 10 December 2019. Supporting document(s) demonstrating the proof of need is highly recommended for a successful submission.*

<b>European entity responsible for submission of the need</b>	WELMEC Working Group 7 “Software”
<b>Person that can be contacted for more detail</b>	Name: Dr. Florian Thiel, Convenor of WELMEC WG 7 “Software” Email: <a href="mailto:florian.thiel@ptb.de">florian.thiel@ptb.de</a> Telephone: +49 30 3481 7529 Country: Germany
<b>Unaddressed need</b>	<b>Title:</b> Digital Transformation of Legal Metrology <b>Short description:</b> Use digital technologies to remove barriers to innovation in the processes of Legal Metrology and to support innovative products and services.
<b>More detailed explanation of need if required</b>	The aim is the development of a trustworthy platform for European Legal Metrology as part of the European Quality Infrastructure. This platform establishes a single point of contact for all stakeholders in Legal Metrology. Parts of this infrastructure (architectural, software, services, etc.) could

	<p>be funded within the 2020 call.</p> <p>See supporting document. Florian Thiel: "<a href="#">Digital transformation of legal metrology - The European Metrology Cloud</a>", OIML Bulletin, vol. LIX, 2018(1), pp. 10-21 <a href="https://digital.ptb.de/MetrologyCloud">https://digital.ptb.de/MetrologyCloud</a></p>
<b>Supporting document(s) attached:</b>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

\* For an example of previous calls in these fields see: [EURAMET website](#)