

# RESPONSE FORM

## Standardization needs and suggestions to EURAMET for consideration in their 2017 EMPIR call

In the frame of the between CEN, CENELEC and EURAMET, CEN and CENELEC have been invited by the EURAMET Management to put forward their testing and measurement needs in **Industry**, in **Fundamental** and in **Pre- and co-normative research**.

Relevant technical groups (sector fora, advisory boards, coordination groups, TCs...) are invited to contribute with:

- a short introduction or an overview paper of their unaddressed standardization needs for testing and measurement, and
- a contact person (secretary, chair, convenor, liaison officer, etc.) whom proposers for the Potential Research Topics can contact,

using the table below, **before 12 December 2016**

<b>Source of the identified need</b> (identification of TC, WG, etc, incl. title)	<input type="checkbox"/> CEN/TC 0/WG 0 <input type="checkbox"/> CLC/TC 0/WG 0 <input type="checkbox"/> ISO/TC 0/SC 0 / WG 0 <input type="checkbox"/> IEC/TC 0/SC 0 / WG 0 <input checked="" type="checkbox"/> Other, namely <i>NEC13, Electrical energy measurement and control</i>
<b>European entity</b> responsible for submission of the need	<i>IEC TC13 or CENELEC TC13.</i>
<b>Person that can be contacted for more detail</b> (name, e-mail and telephone number)	<i>Henri Schouten          HSchouten@NMI.nl          +31 78 6 332 220          the Netherlands</i>
<b>Unaddressed need</b> (short description)	<i>Examination of wideband (2-150 kHz) disturbances on electricity meters</i>
<b>Type of work</b> (more answers possible)	<input type="checkbox"/> pre-normative <input type="checkbox"/> SI-units <input type="checkbox"/> co-normative <input type="checkbox"/> interlaboratory study <input checked="" type="checkbox"/> testing <input type="checkbox"/> fundamental research <input checked="" type="checkbox"/> measurement <input type="checkbox"/> market support <input type="checkbox"/> energy <input checked="" type="checkbox"/> environment
<b>Estimated effort</b> (if known)	Person months:
<b>Further explanation of need</b> (TC business plan, road map, formal decision, work item, etc.)	<i>In Europe nearly everywhere the rollout of smart meters is started. However, more and more disturbances are introduced in the electricity networks which may have a negative effect on reading accuracy of the electronic meters. It is very important to examine which disturbances play a role in the field and what their impact may be.</i>  <i>Concerning the time frame: this is considered as very</i>

	<i>urgent due to the high consequences for the rollout.</i>
<b>Enclosures</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Email address for sending the Response Form:

STAIR EMPIR WG, Mr Ortwin Costenoble ([empir@nen.nl](mailto:empir@nen.nl))