



# **EURAMET TC-Q**

## **The Chair's Report 2013 - 2014**



**Pavel Klenovsky, TC-Q Chair**  
**CMI, Czech Republic**

## Current situation

- all the TC-Q documents newly revised
- new TC-Q Terms of reference (2013)
- a permanent secretary established – Mrs. Silvie Hoffmanova, CMI
- video-conferencing facility available and operational
- a special TC-Q database becomes operational
- joint EA LC and EURAMET TC-Q meetings

## Current situation

- TC-Q peer review projects: 1 in 2009, **15** in 2014
- **all the NMIs and A-DIs with CMCs are either accredited, peer reviewed or audited by their respective NMI**

## Current situation

- EURAMET Project No. 1083 BEV (Austria), METAS (Switzerland) and PTB (Germany).
- EURAMET Project No. 1123 CEM (Spain), INRIM (Italy), IPQ (Portugal).
- EURAMET Project No. 1109 MIKES (Finland), CMI (Czech Republic), SMU (Slovakia), GUM (Poland).
- EURAMET Project No. 1208 DMDM (Serbia) and BIM (Bulgaria)
- EURAMET Project No. 1219 IAEA and BEV (Austria) + external experts
- EURAMET Project No. 1119 BoM (FYR Macedonia) and UME (Turkey)



## Current situation

- EURAMET Project No. 1199 NSAI (Ireland) and CMI (Czech Republic)
- EURAMET Project No. 1227 LNE-CNAM (France) and various experts from different organizations
- EURAMET Project No. 1238 UME (Turkey), PTB (Germany), LGC Ltd. (UK)
- EURAMET Project No. 1231 EIM Greece + UME
- EURAMET Project No. 1248 LNE-SYRTE France + INRIM Italy





## Current situation

- EURAMET Project No. 1256 LCOE Spain + SMU Slovakia, National Univ. of Tucuman, Argentina
- EURAMET Project No. 1265 MBM Monte Negro + UME Turkey
- EURAMET Project No. 1266 IMBiH Bosnia and Herzegovina + BEV Austria, CMI Czech Rep. (mass, pressure)
- VMT/FTMC Lithuania + GUM Poland



## Current situation

- mini-seminars on selected topics from the area of QM at each TC-Q meeting
- the EURAMET TC-Q website is now available to all the RMOs (and vice versa), from these documents, both the EURAMET Chair and the TC Chairs have the basic information for any further actions

## Current situation

### What should be improved, changed ?

- peer reviews: to start consequently with the practice of preparing reports as foreseen in our document
- personal presence of DIs at their re-evaluation presentations (it has been overcome by video-conferencing which is now available)



## Cooperation with „technical“ TCs

- technical TC Chairs have been explicitly asked to make available to TC-Q **any information about underperformance of any institute in intercomparisons** or about any info raising concerns relevant to their QS life
- this will subsequently be used by TC-Q to make decisions about possible (enforced) on-site visit by peers
- **technical TC chairs do not very much cooperate here**

## Cooperation with „technical“ TCs

- complaints by NMIs about too low CMCs of some accredited labs: 2 in temperature
- one accredited lab has better CMCs in temperature than the NMI providing its traceability
- BoD decided to collect such info from all the technical TCs last year (nothing delivered)
- **TC-Q Chair authorized to take it up with the Chair of EA Laboratory Committee in the first stage**



## Task force for discussions with EA LC

- **EA Laboratory Committee**, September 2011:  
E. Oehlenschläger of DANAK proposed a **joint task force** to discuss common problems or exchange views
- 3 representatives from both sides
- 1 meeting annually – the **first one on Sept. 20, 2013**, next one on June 17th, 2014 ?
- EURAMET representation: **the Chair + 1 of accredited NMIs (EU JRC IRMM) + 1 of self-declared NMIs (PTB – Andreas Odin)**



## Greyed-out CMCs as of 4/2014-EURAMET

- **Bulgaria BIM:** 1 CMC in length (**June 29, 2009**)
- **France LNE:** 3 CMCs in pressure (**April 24, 2009**) + 3 in flow (Nov. 24, 2012)
- **Belgium SMD:** all the 30 electricity CMCs (August 13, 2013) + 6 T/F CMCs (Feb.4, 2013)
- **Finland MIKES:** 6 CMCs in force/torque (Aug. 27, 2012)
- **France LNE-ENSAM:** all the CMCs greyed out (3 CMCs – Aug.13, 2013) and finally deleted
- **IAEA:** 1 CMC in ionizing radiation
- **Greece EIM:** **all the acoustical CMCs deleted**

## Interest in EURAMET TC-Q from other regions

Recently, the following representatives has shown interest to attend EURAMET TC-Q meeting:

- 2013 – representatives of **SIM/NIST**
- 2013 + 2014 - representatives of **GULFMET**
- **NIS Egypt** has presented their TC-Q in AFRIMETS so that it is no more necessary to do that via EURAMET but they would like still to attend EURAMET meetings





## Challenges

- **internal** - 3 sub-groups within TC-Q with vastly different views on some matters: accredited NMIs, self-declared NMIs, A-DIs
- **external** - recently EURAMET has been under attack from other RMOs (SIM, APMP) that it is not doing enough in external auditing of the institutes under its administration





## Challenges

- **4 EURAMET institutes** (MSA-NMS Malta, HMI and HMI /FSB-LIMS Croatia, TAEK Turkey) **have no CMCs 5 years after the approval of their QMS** (which is against EURAMET rules) !
- **in total 23 EURAMET institutes (ca ¼ of the total !)** with some CMCs **did not issue in 2012 a single calibration certificate with the CIPM MRA logo !**



## Implementation of ISO Guide 34

- TC-Q has questioned candidate testing institutes (DIs) on implementation of ISO Guide 34
- some of them have had an obvious problem answering such questions
- accreditors have learned for the first time that under CIPM MRA there are **testing labs being providers of metrological traceability**
- a warning signal to TC METCHEM to act upon that

# Thank you for your attention!

