



8th EURAMET GA
Cavtat, 3 June 2014
Towards a sustainable CIPM MRA

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- Paper “**Towards a sustainable CIPM MRA**” was presented at 31st JCRB Meeting by EURAMET
- **JCRB Action 31/3**: Paper should be developed further with input from other RMOs
- **CIPM Decision CIPM/102-44**: CIPM MRA review should be the topic of NMI Directors meeting in 2015
- Working group formed within EURAMET TC-IM (EURAMET project no 1298)

- Achievements of the MRA
- What are the issues?
- Steps towards a more sustainable MRA
 - Define the needs (introduce “top-down” element)
 - Simplify the system
 - Improve the efficiency

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TC-IM
Interdisciplinary Metrology
■ EURAMET Technical Committee



- Formal revision of the CIPM MRA
- Revision of documents under the formal authority of the CIPM
- Revision of documents under the formal authority of the JCRB
- Revision of documents under the formal authority of the RMOs
- Actions by the CCs
- MoU-Type of agreement between (major) signatories
- Unilateral actions by CIPM MRA signatories
- CIPM MRA 2.0

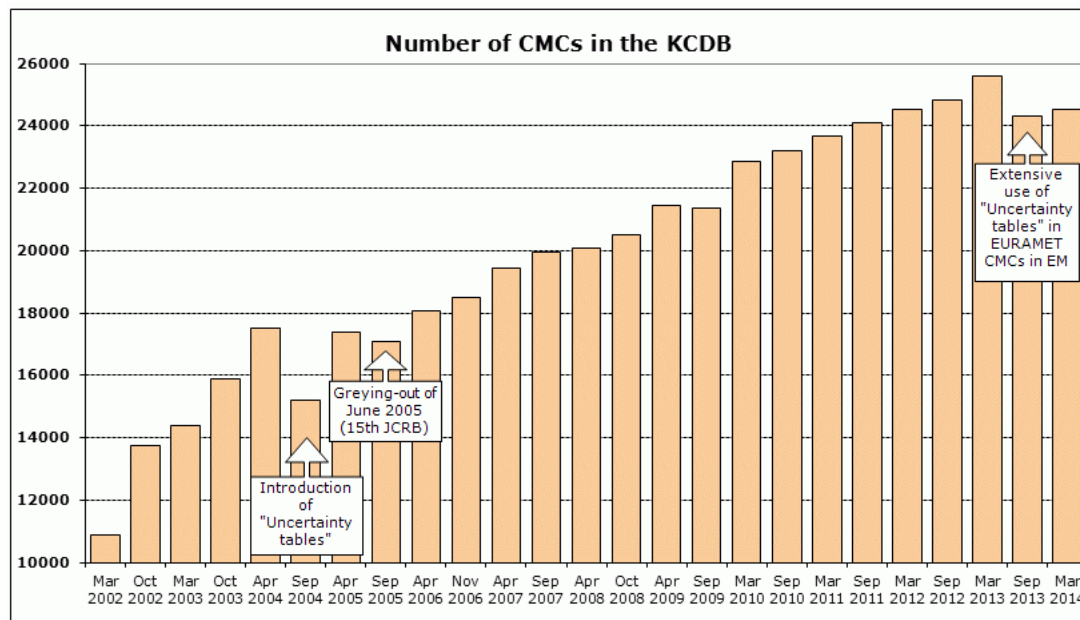
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Management of expectations:

- The reality of the CIPM MRA is different from what was intended 15 years ago. What do we have to adapt to reality?

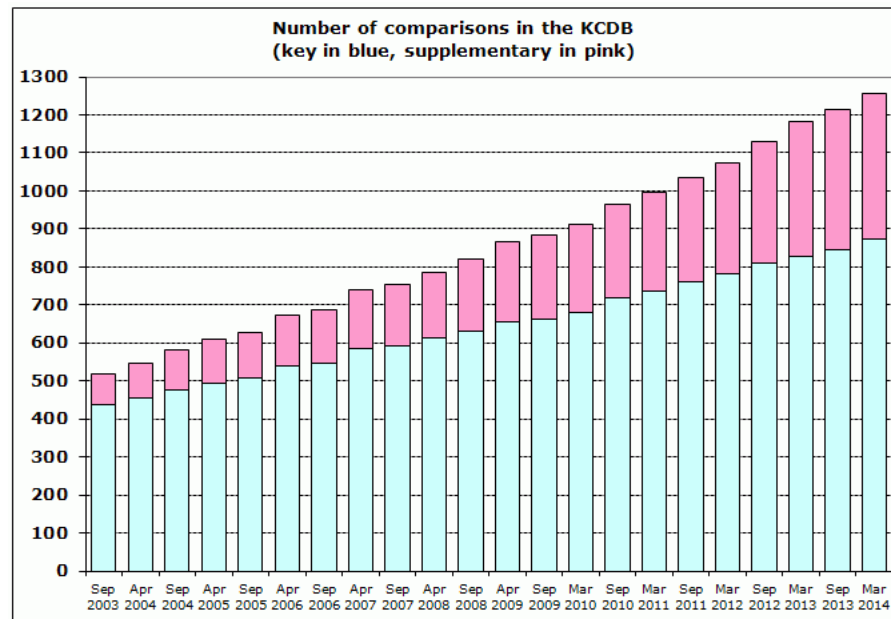
CMC:

- We have many CMCs, should we adapt the processes or should we reduce them? What kind of tools do we have?
- The user interface to the KCDB is no longer suitable for finding the suitable information



Management of comparisons:

- The number of comparisons is too high if we follow the given procedures. Should we encourage other ways to claim CMCs, should we make comparisons easier and quicker?



Procedures and processes:

- The given procedures were established for a much smaller number of CMCs and comparisons. What kind of procedures do we need?

- Paper “**Making the CIPM MRA sustainable: MRA Phase II**” presented to BoD, TC chairs.... in the beginning of May
- Updated version submitted as working document to GA

- We can look back on **15 years of mutual trust building** within the MRA formalism
- Transition from a system of 100% checking that is building upon the trust generated in Phase I of the MRA.

- New CMC entries are only discussed within RMO of origin
 - Appeals mechanism to be implemented
 - Alerting mechanism “What is new in the KCDB”
- Improved presentation of CMCs and search engine in the KCDB
- Critically review necessity of existing CMC entries

- CCs define a set of “**core competences**” or “**anchor points**”, where comparisons are still performed
 - Trust with other measurements within a certain range around the anchor point
- Number of participants in KCs is reduced
- Strict deadlines are set and enforced
- Consider concept of “on-going comparisons”

- Discuss and review TC-IM paper (delegates, BoD, TCs.); feedback to TC-IM working group (christian.bock@metas.ch)
- Prepare a consolidated 2nd draft, to be submitted as EURAMET position paper to the Directors Meeting of 2015