



Report of the TC “ Interdisciplinary Metrology ” Maguelonne Chambon LNE

1

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



Contents

- Role of TC-IM
- TC-IM actions for 2010 - 2011
- What's next ?

2

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



Role of TC-IM

The TC IM addresses issues that:

- are of a cross cutting nature, or
- not covered by a specific TC

=> TC-IM provides a forum and opportunity for bottom-up ideas to be explored (and top-down).

=> TC-IM welcomes suggestions from the TCs and the other EURAMET bodies, especially from BoD and GA.

such as

- CIPM MRA matters
- some EMRP and EURAMET promotion and dissemination

3

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



TC-IM actions for 2010 - 2011

- **extraordinary meeting in October 2010 / Berlin - DE**
 - to start new actions in the objective to support EURAMET developments and activities
 - priorities decided
- **meeting in April 2011 / Vienna - AT**
- **EMRP**
 - Participation to EMRP interim report
 - ✓ **identification of 3 to 5 projects (iMERA-Plus programme) as "success stories or best success examples"**
 - ✓ **at least one per TP (health, electricity, length, SI)**
 - **Regenmed / power & energy / long distance / N_AH**
 - specific page on EURAMET website for EMRP – done by the EURAMET secretariat (Chris Noble)
 - incitation to all NMIs / DIs to have some webpage on EMRP

4

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



TC-IM actions for 2010 - 2011

- **Promotion of EURAMET**
 - List of key events where EURAMET should be present
 - international events
 - list already on-line on the EURAMET website
 - goal => to have this list continuously updated
 - ✓ **information needed (TC, BoD, GA, Secretariat) to send to EURAMET Secretariat**
 - New electronic support for the EURAMET promotion
 - demonstration done by José (e-learning, video, audio bulletin, etc..)
 - ✓ **proposed to start some document by end of 2011 on the basis of CEM electronic leaflet**
 - EURAMET general presentation
 - to be done

5

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



TC-IM actions for 2010 - 2011

Summary of TC Chairs view on CIPM MRA matters & Co (meeting of February 2011)

- TC activity too much focus on CMCs, and too less on science
- many TC has a very high number of CMCs to review
- inter-RMO review is too long, time consuming, too complex for some, slow process, and sometimes not transparent
- highlight problems on ILC : high number to organise, heavy work related to ILC (in particular for the pilote), results/conclusion of ILC sometimes difficult to get
 - needs of procedure in case of problem ?
- Increase of bilateral comparisons, to pay attention to reduce the process
- different approaches from one TC to another on ILCs, CMCs
- KCDB to be improved : CMCs for all services ?

6

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



TC-IM actions for 2010 - 2011

- **CIPM MRA**
 - addendum of CIPM MRA
 - to share opinion on the different points of the proposed addendum before the NMI Directors' meeting of May 2011.
 - KCDB
 - to propose some actions from EURAMET at JCRB on
 - ✓ possible simplification of CMCs
 - ✓ review process of CMCs
 - ✓ comparisons

7

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



TC-IM actions for 2010 - 2011

- **CIPM MRA**
 - Possible simplification of CMCs
 - existing situation
 - ✓ Users of CMCs are more NMIs, DIs, accreditation bodies than calibration laboratories, users from research or industry (not really to end-users)
 - Considering the database itself, it results that :
 - ✓ There is a high level of details, need to be reduced ?
 - ✓ There is a need of improvement of the classification of services
 - ✓ The review process and the system of supporting comparisons are to be reconsidered
 - ✓ Strict rules about CMCs lines which are no longer supported by ILCs, results need to be established
 - ✓ An improvement of the presentation on the website of BIPM necessary?

8

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



TC-IM actions for 2010 - 2011

- **CIPM MRA**

- we should keep in mind
 - huge amount of work performed by NMIs and costs implied and future costs that would be incurred by BIPM
 - The database shows the health of an economy of the country
- Sensitive political topic : CMCs as it is, are not as useful as it was supposed to be
 - As a conclusion, different suggestions are presented
- To reduce the length of the revision process
- Duration of the comparisons, Possibility to carry out some of these comparisons in parallel ?
- To amend the degree of details for the information included into a CMC line
- The introduction of the idea of "flexible CMCs" (to take with care)
 - improving CMCs' classification : first step to be proposed (with care since different approaches and methods are used.), as "flexible scope", TC can have different views.
 - need the feed back of TC Chairs



TC-IM actions for 2010 - 2011

- review process of CMCs
 - some inter-RMO review too long (& delay not respected)
 - should be supported by statistics
 - to define clear and accepted rules ?
- comparisons
 - some ILCs never end
 - to publish the list of ILCs with their status
 - right to TC Chair to conclude a comparison when a party failed ?
 - » Rule to be known by participants before the ILC and accepted



TC-IM actions – What's next ?

- TC-IM to be a real support for BoD and TC Chairs on transverse questions / actions for the EURAMET development and EURAMET promotion
- to be an actor for the implementation of EURAMET strategy
 - ✓ metrology foresight studies
 - ✓ CIPM MRA and JCRB issues
 - ✓ EMRP impact

11

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011



Thank you for your attention

12

EURAMET General Assembly
Sarajevo - 6 - 9 June 2011

GA-2011