

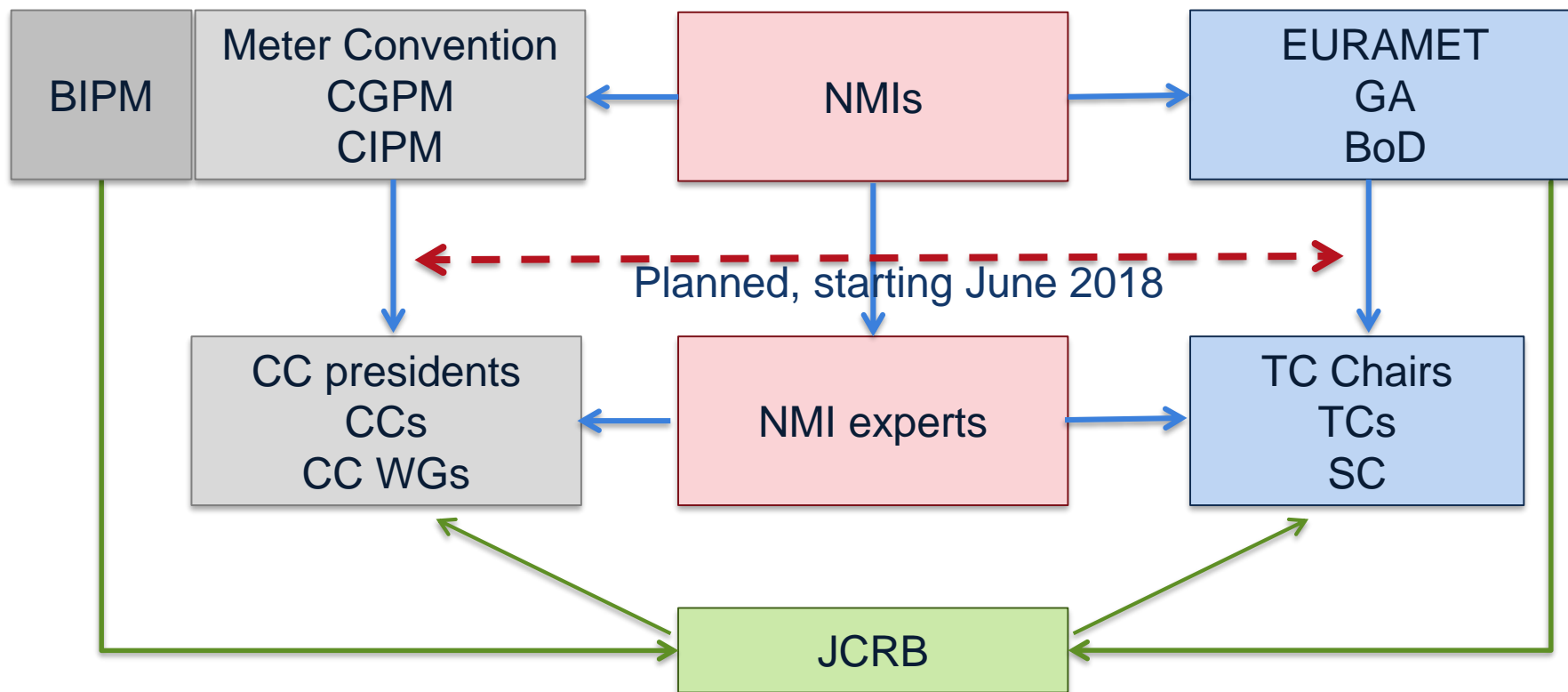
G12.05.02
**EURAMET's role in the
review of the CIPM MRA**

Beat Jeckelmann,
Chairperson

Resolution 5, 25th CGPM, which invited...

- the CIPM to establish a working group under the chairmanship of its President, with membership to be determined at the 2015 workshop, to conduct a review of the implementation and operation of the CIPM MRA.
-
- Working group was established at the NMI Directors workshop in October 2015
 - Working group prepared a report with 28 recommendations and sub-recommendations (final version in June 2016)

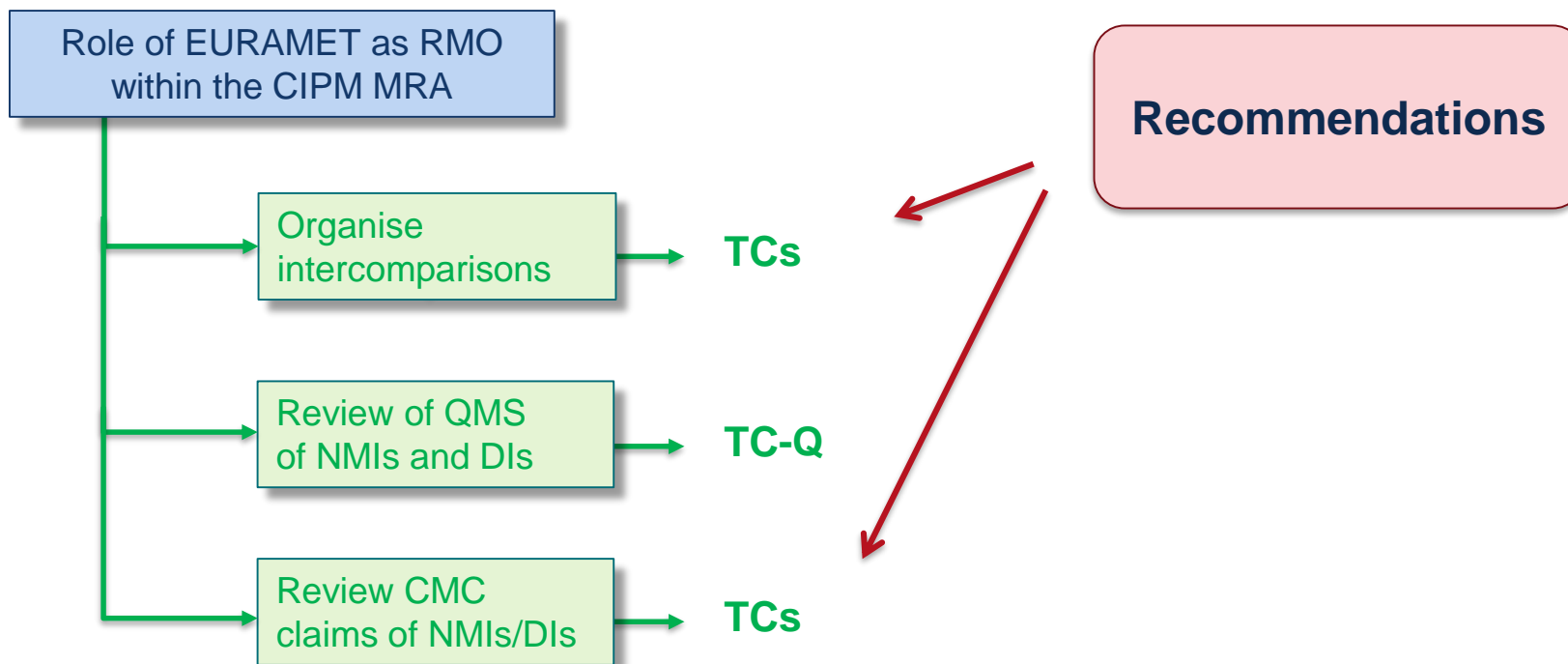
Complex structure



KC
CMC service categories
Review policy

SC
Inter-RMO review

RMO role



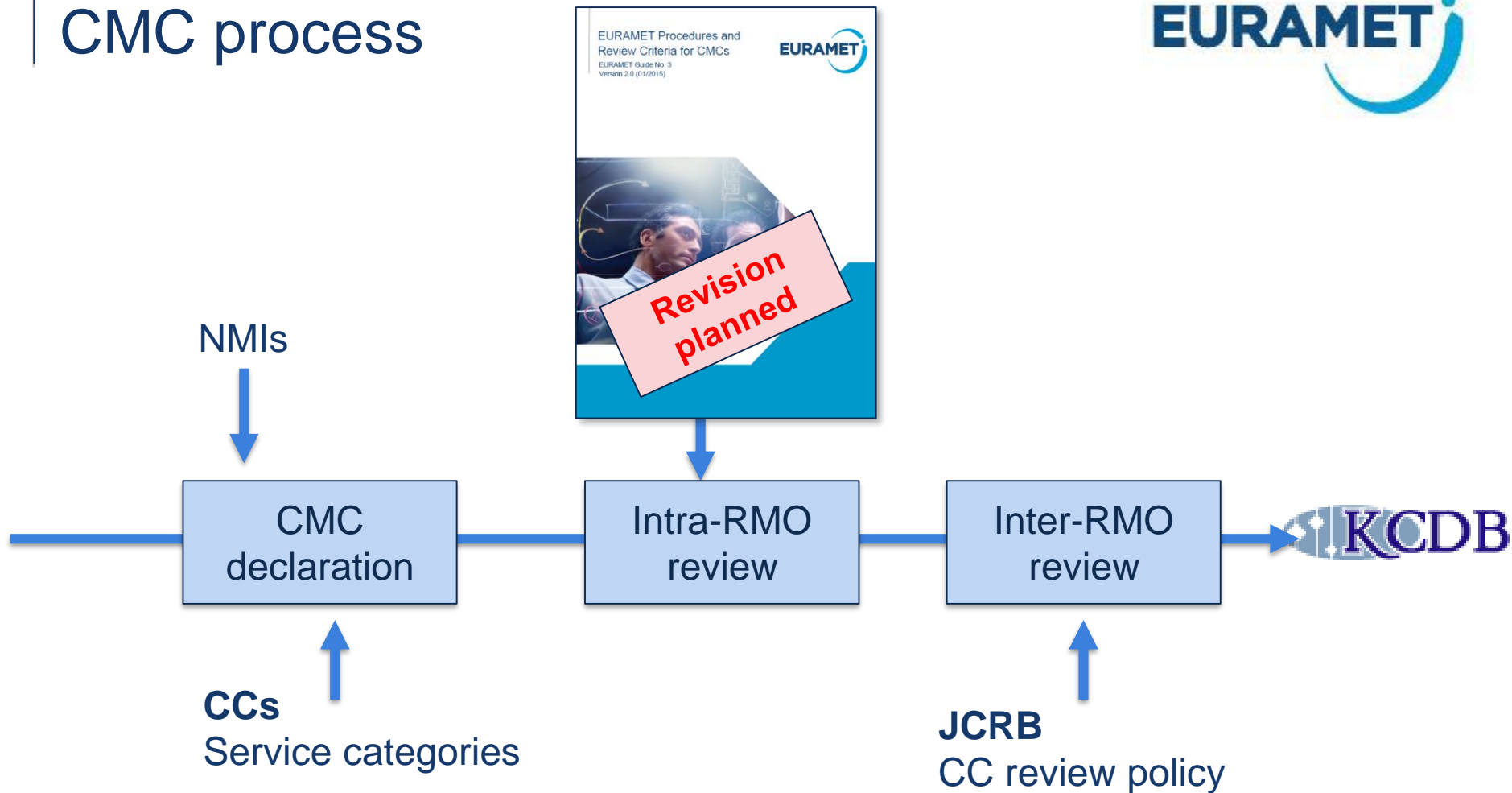
Comparison process - TC



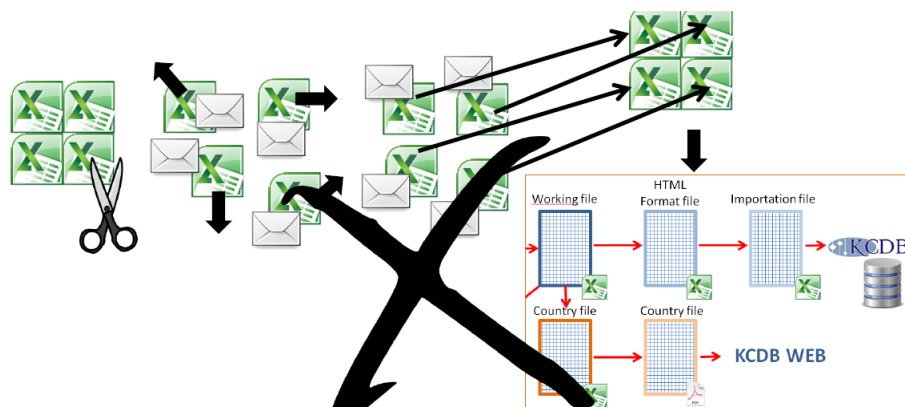
- Support through appropriate tools
- Commitment of participants
- Monitoring and feedback
- Distribution of work

⇒ Recommendations implemented

CMC process



CMC: Data handling



Today:
Submission through tedious
xls-file process



KCDB 2.0
Web platform for the whole
process
Tremendous simplification and
improvement

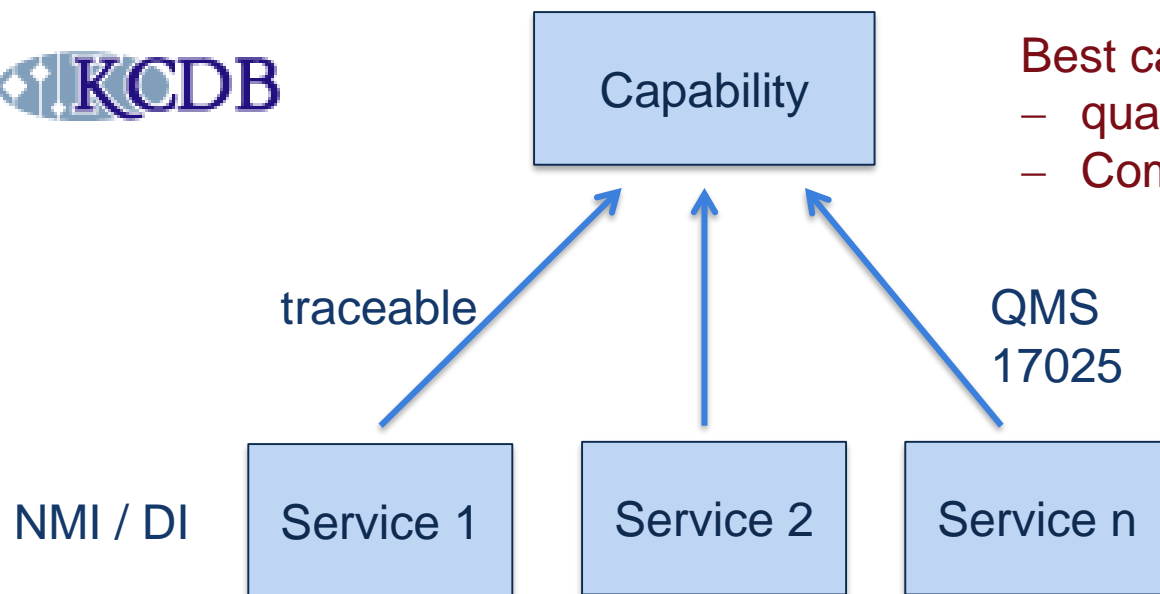
EURAMET supported the chosen route from the beginning
and contributed to the development of the specifications

Constraining the proliferation of CMCs

- a.
- b. The use of CMCs to cover as many services as is technically justified should be encouraged, so that CMCs become representative rather than comprehensive. It should be emphasized that the goal is for NMIs **to develop services** and that CMCs are tools for describing the capabilities maintained to underpin the delivery of those services. The NMI Qs should document the relationship between services and CMCs.

Action: RMOs, JCRB, NMIs

- c.



Best capability (CMC def.)

- quantity range and uncertainty
- Comparable among NMIs

- $U \geq \text{capability}$
- Service related to DUT

See also TC-IR proposal

Further steps



- Improve links CC presidents – RMOs- JCRB
- Reinforce role of TC chairs
 - Exchange of information
 - Development of common strategies
 - Reinforce EURAMET position in CC RMO WGs
- Development of EURAMET position papers for JCRB

Thank you for your attention!

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