

JCRB Executive Secretaries' Continued Support Advancing the BIPM – into the Future with 25 Years of Experience on the CIPM MRA

Angela, Ismael, Pedro, Luis
Establishing policies and procedures

Ömer, Chingis, Doug
Implementing the framework

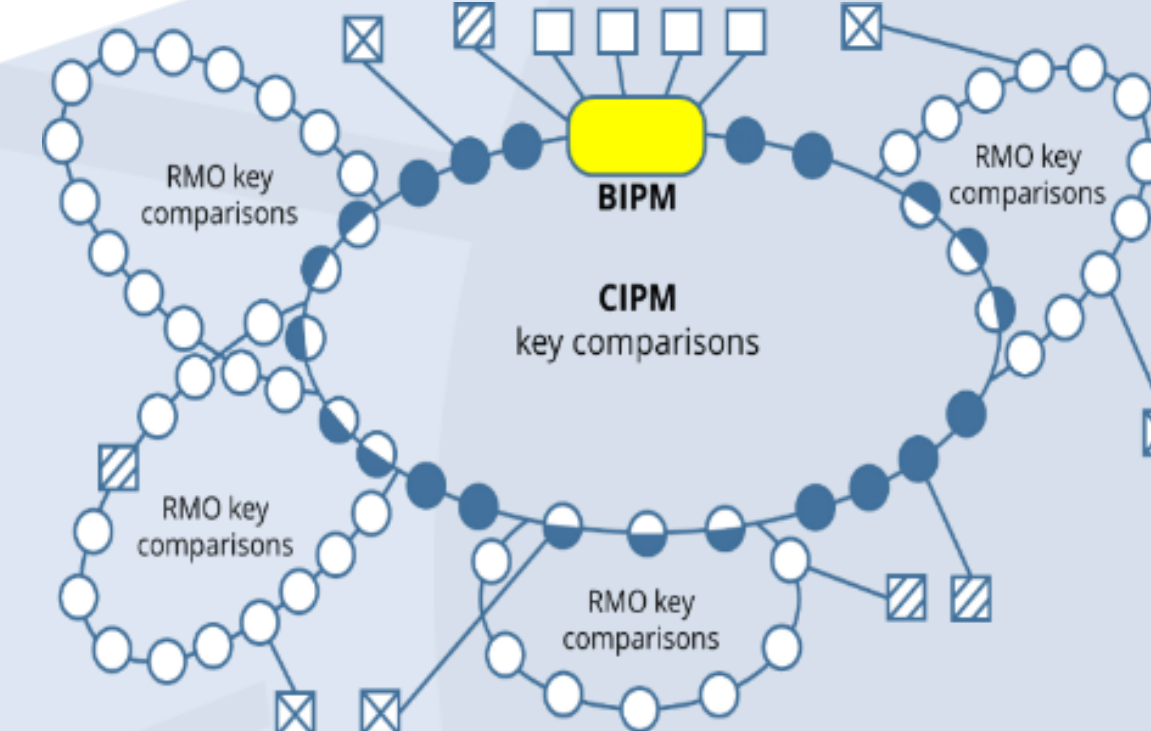
Nikita, Sten, Olav, Ibrahim
Perfecting the process



“...to assure the international unification and perfection of the metric system”



« Le Comité international des Poids et Mesures approuve l'organisation d'un Comité consultatif d'Electricité ayant pour objet de conseiller le Comité international des Poids et Mesures sur les questions relatives aux systèmes de mesure et aux étalons électriques. »
« Ce Comité scientifique sera limité à 10 membres et composé :
» 1° d'un représentant de chacun des Laboratoires nationaux désignés par le Comité international;
» 2° des spécialistes nominativement désignés par le Comité international.
» Le Président du Comité scientifique d'Electricité sera pris parmi les membres du Comité international et désigné par lui. »



JCRB Executive Secretaries Timeline



October 2015:
GULFMET provisional acceptance

June 2021:
GULFMET full member of the JCRB

Metre Convention:
Article 6 (1875)

Article 6 (1875), the BIPM is charged with:
...the **periodic comparison of national standards** with the international prototypes and their official copies...

(1889), the **CGPM** sanctioned international prototypes of the metre and the kilogram, and their official copies were distributed to 18 States

(1927), the first **Consultative Committee** was set up (CCE, now CCEM)

CCPR
CCT
CCL
CCTF
CCRI
CCU
CCM
CCQM
CCAUV

CIPM MRA
October 1999
...comprehensive and coherent solution to establish and demonstrate the degree of international equivalence

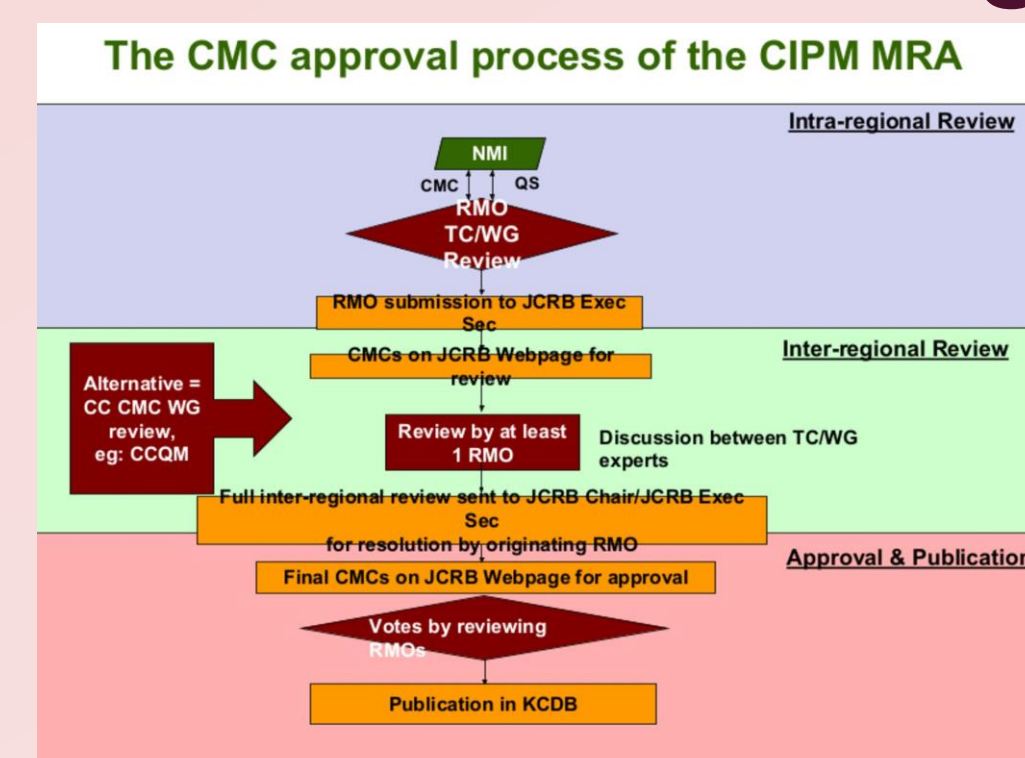
March 2002:
8th JCRB Meeting – first Meeting with the JCRB ExSec

March 2013:
JCRB Workshop on “Best practices in CMC reviews”

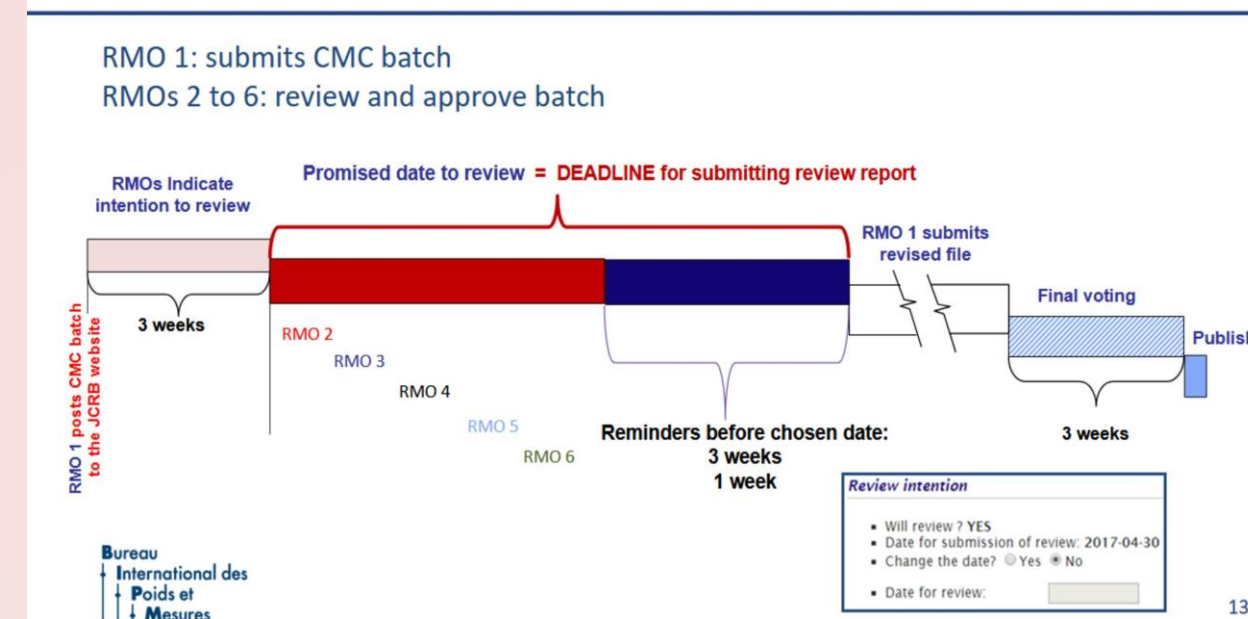
29 October 2019:
KCDB 2.0

11 Secretaries
48 Meetings
And still counting

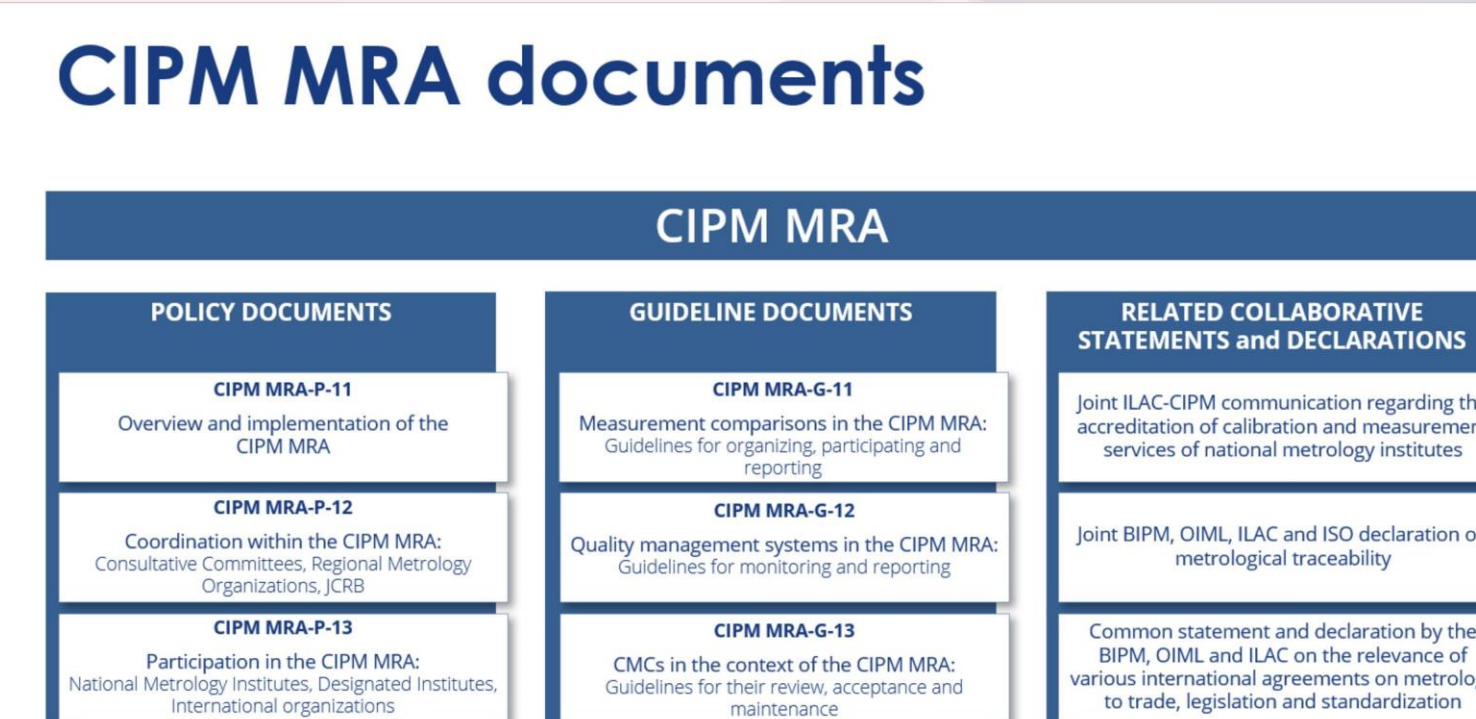
Establishing procedures



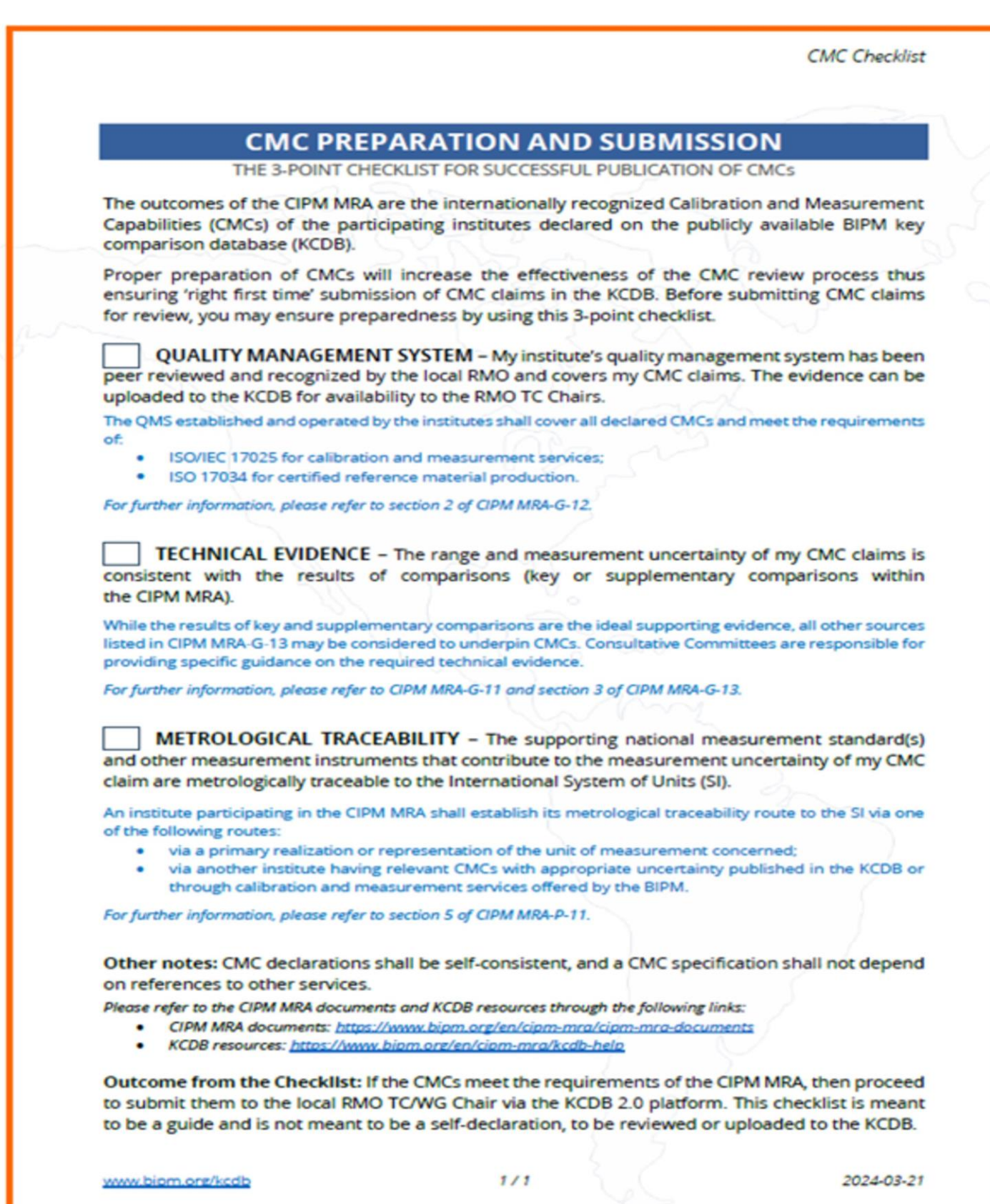
Roles and processes of classic inter-RMO review



Streamlining



Improving activities



Analysing Monitoring activities



Emphasizing importance

Open letter concerning the growing importance of metrology and the benefits of participation in the Metre Convention, notably the CIPM MRA
T. J. Quinn, Director BIPM
August 2003
The growing importance of metrology
The impact of facilitating world trade and the associated need to eliminate technical barriers to trade is leading to a greater awareness worldwide of the role that measurement plays in underpinning activities in all areas of science and technology. It is now recognized that metrology provides a fundamental basis not only for the physical sciences and engineering, but also for chemistry, the biological sciences and related areas such as the environment, medicine, agriculture and food. Various high-level studies demonstrate the impact of measurement on society, most recently, the report *Evolving Needs for Metrology in Trade, Industry and Society* and the *Role of the BIPM* highlights current drivers and strategies to address the worldwide need for reliable measurement (see also references therein).
In this letter I draw your attention to the importance of participation in the activities carried out under the Metre Convention as a means of assuring national measurement capability in a global environment. In particular, I refer to the Mutual Recognition Arrangement (MRA) drawn up by the International Committee for Weights and Measures (CIPM).

Perfecting processes

Educating

Technical Exchanges	
Upcoming Sessions	
CMC Writers	03 April 2025
TC Chairs – Session VI	12 June 2025
Past Sessions	
Comparisons – Session V	06 February 2025
CMC Writers	04 April 2024
Comparisons – Session IV	26 March 2024
TC Chairs (GP & RI) – Session IV	16 June 2023

Informing

JCRB matters:
CCEM WGRMO update
Ibrahim Ahmed
JCRB Executive Secretary – BIPM, International Liaison and Communication Dept.
2025-03-04
Bureau
International des Poids et Mesures

By Dr Angela Samuel, Dr Ismael Castelazo, Dr Pedro Espina, Mr Luis Mussio, Mr Omer Altan, Mr Chingis Kuanbayev, Dr Douglas Olson, Mr Nikita Zviagin, Dr Sten Bergstrand, Dr Olav Werhahn, Mr Ibrahim Ahmed