

# 17<sup>th</sup> CCM meeting 16-17.05.2019

**Philippe RICHARD**

CCM President

**Hao Fang**

CCM Executive Secretary

**Bureau**  
↓ **International des**  
↓ **Poids et**  
↓ **Mesures**



## 2. CIPM, CGPM and BIPM

### CIPM

- ◆ The CGPM elected the CIPM for 4 years, including six new members
- ◆ The CIPM elected a new President and bureau members
- ◆ The CIPM reelected the CC Presidents for 4 years

### CGPM

- ◆ Approved Resolution 1 on the revision of the International System of Units (SI)
- ◆ Implementation date: 20 May 2019



# 3. Actions arising from the 16<sup>th</sup> CCM (2017)

- ◆ CCM Recommendation for a new definition of the kilogram in 2018 (G1, 2017)
- ◆ Approved by the CIPM (decision CIPM 106-10)
- ◆ The CIPM approved the membership of DFM
- ◆ CCM approved by correspondence (April 2018)
  - the final version of the *mise en pratique*
  - a short note on the dissemination process after the proposed redefinition of the kilogram
  - the terms of reference and membership of the Task group on the phases for the dissemination of the kilogram following redefinition (CCM TGPfD-kg)
- ◆ Preparation of the detailed note by the CCM TGPfD-kg  
(see *Working document CCM / 19-06A and item 6*)



## 4. Decisions and conclusions of the WGS for the 17th CCM

- ◆ The WGS took note of the information from the CIPM, CCM Strategy and CCM guidance documents
- ◆ Took note of the presentations from the WG chairs
- ◆ Confirmed the importance of adding a statement on the final reports of KCs about how far the light shine.
- ◆ Reviewed the action plan (2017 and 2018)
- ◆ Approved the action plan (2019 and 2020) in general terms (detailed description will follow)
- ◆ Reviewed the list of KCs
- ◆ Approved the recommendations on registration of RMO KCs
- ◆ Took note of an information on hybrid comparisons
- ◆ Took note of the presentation on the KCDB 2.0 and on the JCRB
- ◆ Approved the list of chairs and vice-chairs... (including a single WG for mass)



# Chris Sutton (June 18, 1948 - December 13, 2018)



<https://www.stuff.co.nz/dominion-post/news/109975506/a-perfectly-weighted-life-metrologist-chris-sutton>

# 11. Working group ToR, membership and chairs

## Confirmation of CCM WG chairs and vice-chairs

CCM WGs	CCM-WGDV	CCM-WGFF	CCM-WGFT	CCM-WGG
<b>Chair</b>	<i>Yoshitaka Fujita (NMIJ)</i>	Bodo Mickan (PTB)	Rolf Kumme (PTB)	<i>WU Shuqing (NIM)</i>
<b>Vice-chair</b>	<i>Kenichi Fujii (NMIJ)</i>	<i>Chunhui Li (NIM)</i>	<i>Andy Knott (NPL)</i>	<i>Vojtech Pálinkáš (VUGTK)</i>

CCM WGs	CCM-WGH	CCM-WGPV	CCM-WGM	CCM-WGS
<b>Chair</b>	Samuel R. Low (NIST)	Karl Jousten (PTB)	Stuart Davidson (NPL)	Philippe Richard (METAS)
<b>Vice-chair</b>	Febo Menelao (PTB)	Jorge Torres (CENAM)	<i>Richard Green (NRC)</i>	

# 14. Review of action items and deadlines

- ◆ Actions, decision from WG reports
  - New key comparison Pressure NIST-PTB (UIM/optical; SE2/SE3)
  - New (simplified) services categories for Fluid Flow
  - Creation of a small task group to update CMC in the field of mass standards after redefinition (Phase 1).  
Members: Stuart Davidson (NPL) & Zoltan Zelenka (BEV)
- ◆ Approved the detailed note on the phases for the dissemination of the kilogram following redefinition prepared by the Task Group
  - Basic message for WMD and for all phases: traceability to  $h$
  - Amendment for description of phase 1: traceability to  $h$  through IPK)
- ◆ Approved the updated list of WG chairs and vice-chairs and appointed them for the next period
- ◆ Took note of the BIPM Note on the impact of the redefinition of the kilogram on BIPM mass calibration uncertainties
- ◆ First Key Comparison of realization experiments. Measurement period: September 2019 to April 2020 (Draft A in April 2020)



# 15. Next meeting

18<sup>th</sup> CCM meeting

17 – 21 May 2021

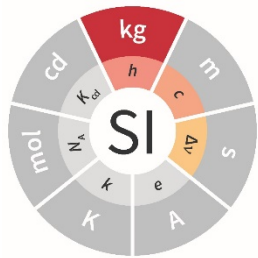
*(including WG meetings)*





Thank you!

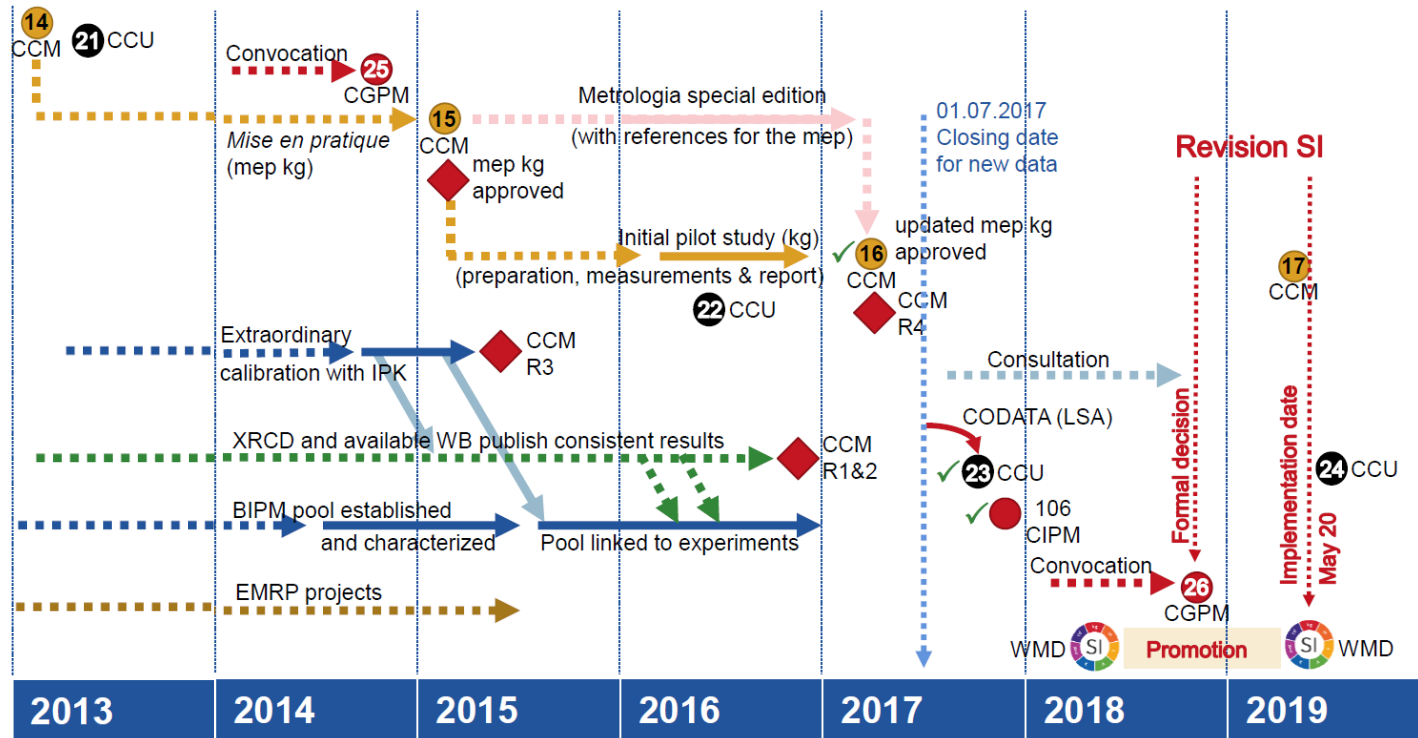
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# The CCM Roadmap



◆ Conditions from CCM Recommendation G1 (2013)