

# CCM Report to the 24<sup>th</sup> CCU 2019

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CCM President

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CCM Executive Secretary

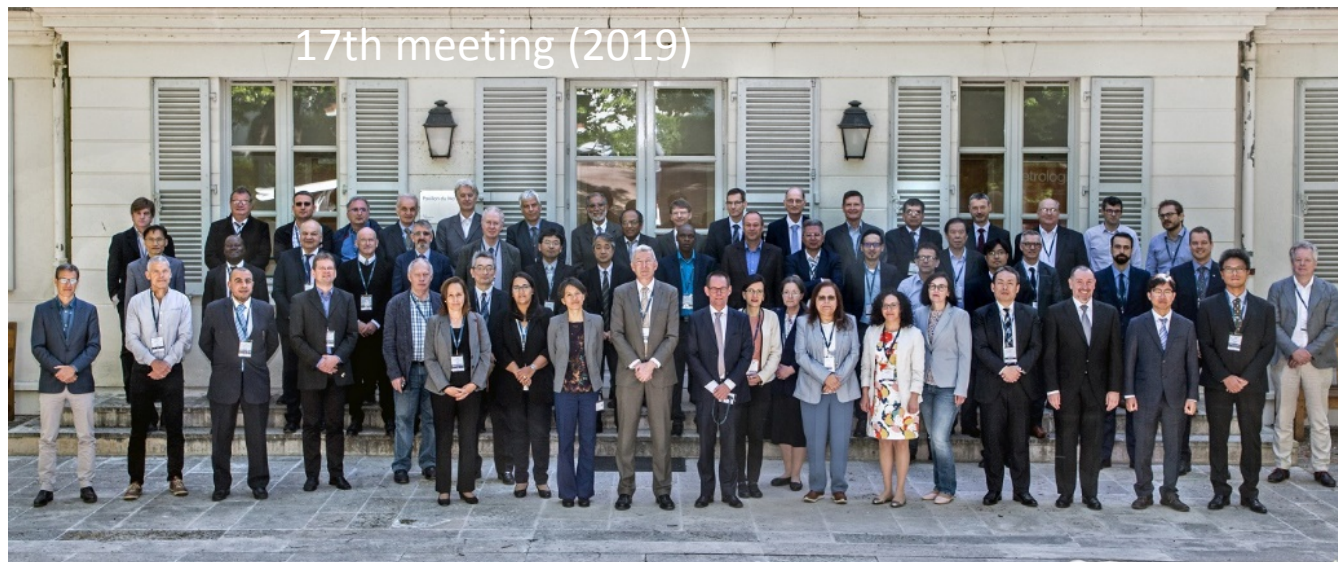
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# The CCM

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CCM: Consultative Committee for Mass and Related Quantities

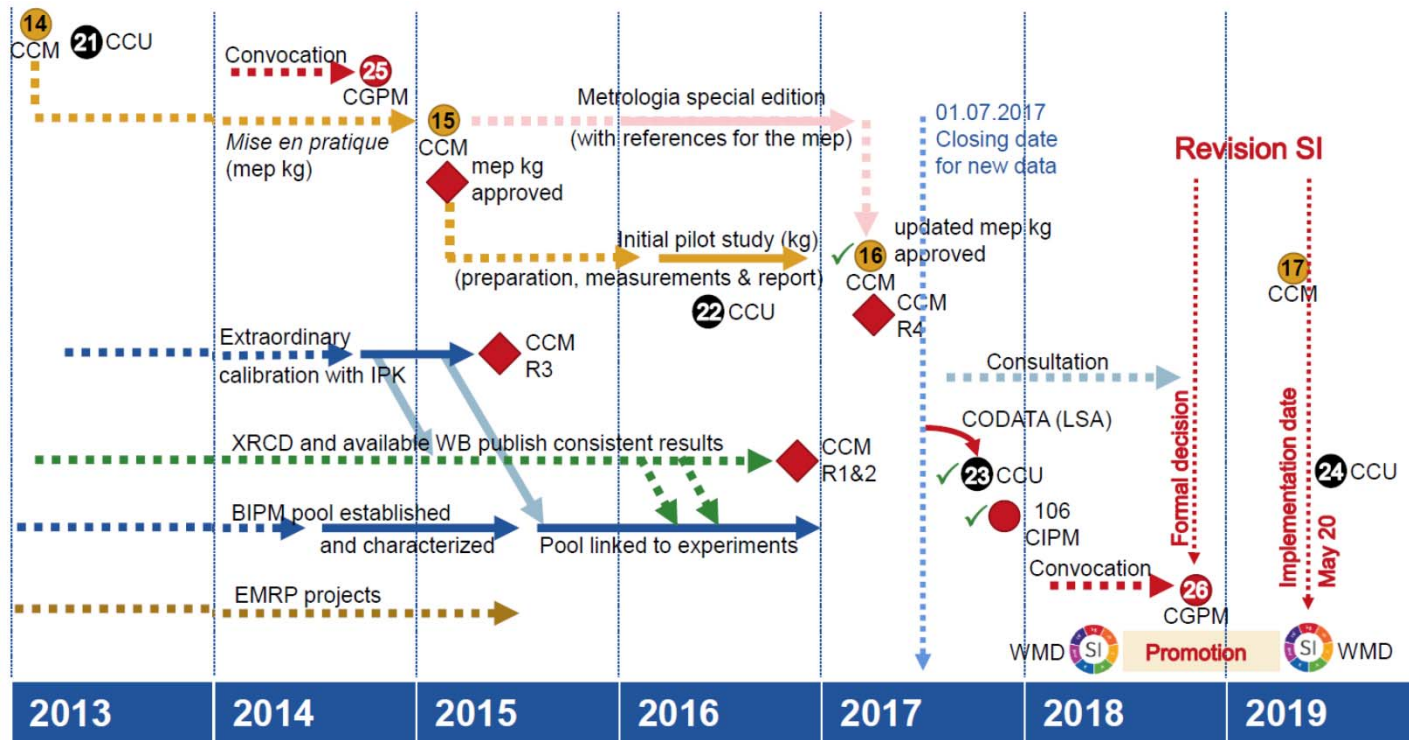


23 members, 6 observers and many experts

Mass, force, torque, pressure, vacuum, density, viscosity, hardness, fluid flow and gravimetry

[www.bipm.org](http://www.bipm.org)

# The CCM Roadmap



◆ Conditions from CCM Recommendation G1 (2013)

## Recent decisions from the CCM (2017 - 2019)

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- ◆ The CCM approved in April 2018
  - the final version of the *mise en pratique (kilogram)*
- ◆ CCM approved in May 2019
  - the detailed note on the dissemination process after the proposed redefinition of the kilogram
  - The creation of a single working group for mass

**Basic message: the kilogram is now traceable to  $h$**

## Information related to the kilogram

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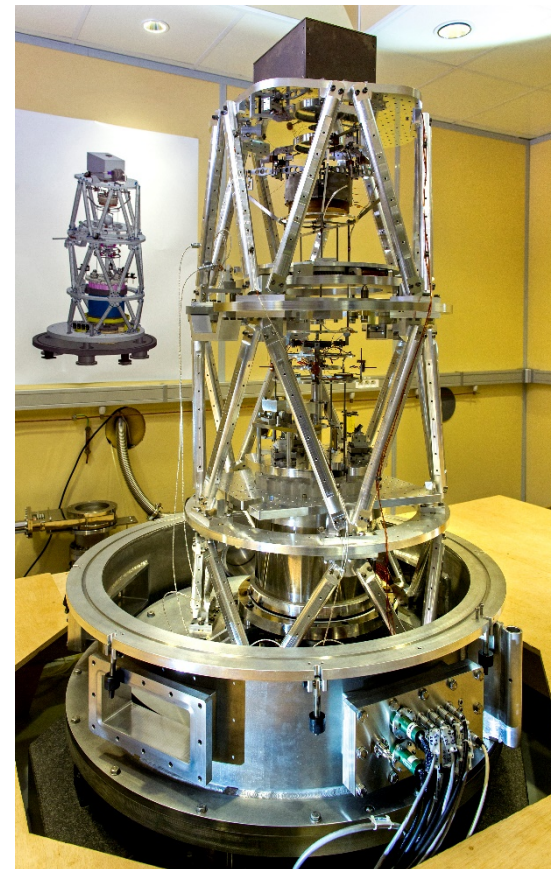
- ◆ The BIPM prepared a note on the impact of the redefinition of the kilogram on BIPM mass calibration uncertainties
- ◆ After the redefinition the CMCs for the present traceability to  $h$  through IPK were updated
- ◆ The first Key Comparison of realization experiments will start soon and is expected to be finished in April 2020



# The Kibble (watt) balance of the member states

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The CCM congratulates the BIPM for the excellent results obtained recently with the BIPM Kibble (watt) balance



# Next CCM meeting

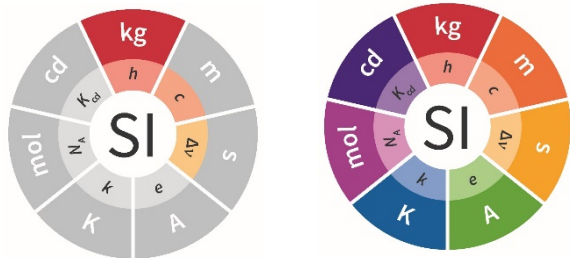
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18<sup>th</sup> CCM meeting  
17 – 21 May 2021  
*(including WG meetings)*



Thank you!

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