

On the implementation and the need to update the COOMET Roadmap for implementation of decisions related to the redefinition of the SI base units for 2021—2025 (COOMET P6/2023)

In the course of work in 2023, minor changes were applied to the COOMET Roadmap for implementation of decisions related to the redefinition of the SI base units for 2021—2025.

- Section A.1.2 “Supplementary comparison in the field of calibration of E2 class weights; measurement interval: from 1 mg to 20 kg (nominal values: 10 mg, 500 mg, 5 g, 10 g, 100 g and 5 kg)” was excluded from the Roadmap due to the lack of interest on the part of the COOMET Member States.
- A form for the Section A 1.1 “Supplementary comparisons in the field of mass measurements in the range from 1 mg to 5 kg” (the range was expanded to 5 kg due to the interest of the TC 1.6 members).
- The COOMET Seminar “Current state of redefinition of kilogram and progress in initial implementations” will be held by the TC 1.6 as a part of the TC 1.6 meeting in 2024.

Action	Years (participants)	
	2024	2025
A.1. Conducting comparisons	A.1.1	Supplementary comparisons in the field of mass measurements in the range from 1 mg to 5 kg
	A.1.2	Supplementary comparison in the field of calibration of E2 class weights; measurement interval: from 1 mg to 20 kg (nominal values: 10 mg, 500 mg, 5 g, 10 g, 100 g and 5 kg)
A.2. Participation in scientific projects, EMPIR projects	A 2.4.	Participation in development of the International Atomic Time (TAI) and the Coordinated Universal Time (UTC) based on optical frequency standards using cold atoms.
A.4. Organization and carrying out of training activities	A.4.2.	The COOMET Seminar “Current state of redefinition of kilogram and progress in initial implementations” (at the same time with the TC 1.6 meeting).