



AFRIMETS
Intra-Africa Metrology System
Système Intra-Africain de Métrologie



AFRIMETS TC-AUV

Report to General Assembly

July 2024

Presented by:
Ian Veldman
TC-AUV Chair

TC-AUV Members



Egypt – NIS

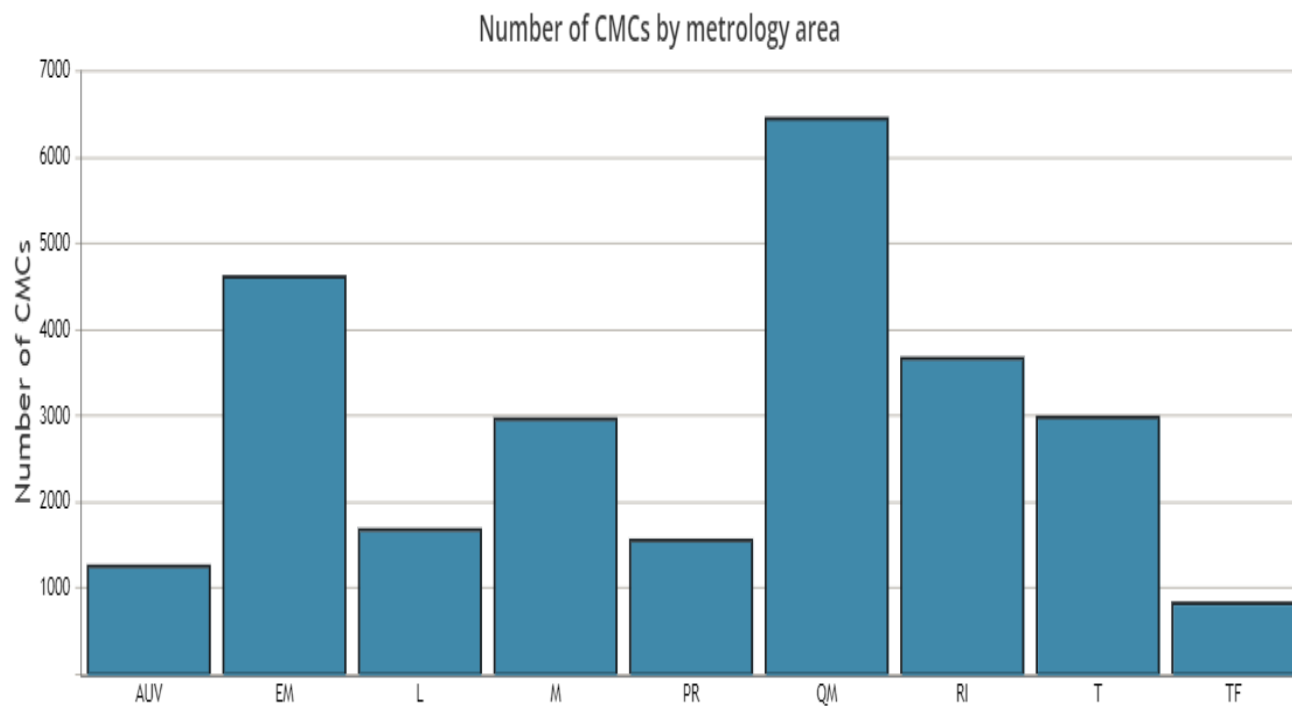
Kenya – KEBS

South Africa - NMISA

CMC Statistics

Number of CMCs per technical area (AFRIMETS published CMCs)

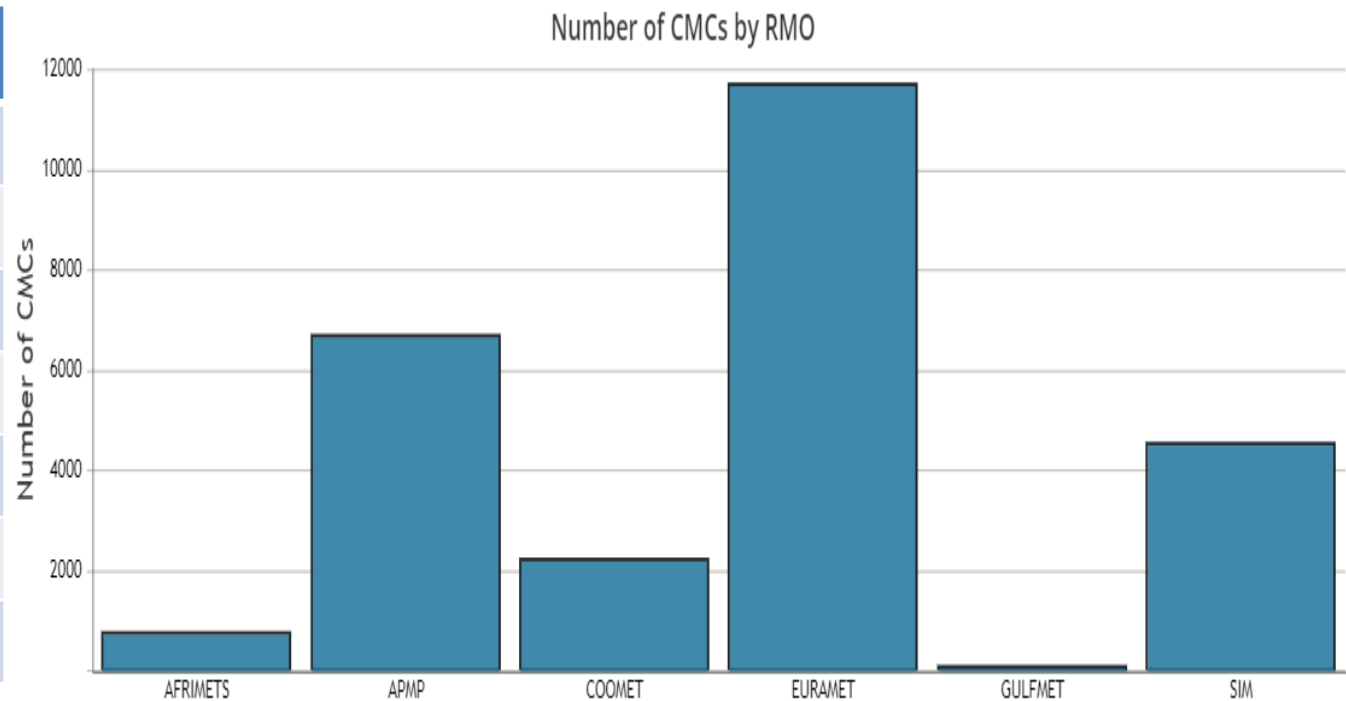
Metrology Area	Number of CMCs
AUV	90
EM	174
L	49
M	127
PR	64
QM	127
RI	33
T	72
TF	22
Total	758



CMC Statistics

Number of CMCs per RMO (all published CMCs)

RMO	Number of CMCs
AFRIMETS	758
APMP	6693
COOMET	2225
EURAMET	11711
GULFMET	83
SIM	4538
Total	26008



CCAUV & TC-AUV

- 14th meeting of the CCAUV (25 to 26 October 2023)
 - CCAUV-KCWG
 - CCAUV-RMOWG
 - CCAUV-SPWG
- CIPM elected two new Consultative Committee Presidents
 - June 2024 the CIPM elected Dr G.P. Ripper as the President of CCAUV
 - To replace Dr H. Laiz
 - Prof. R.J.C. Brown, NPL (UK) as President of the CCU
 - To replace Prof. J. Ullrich

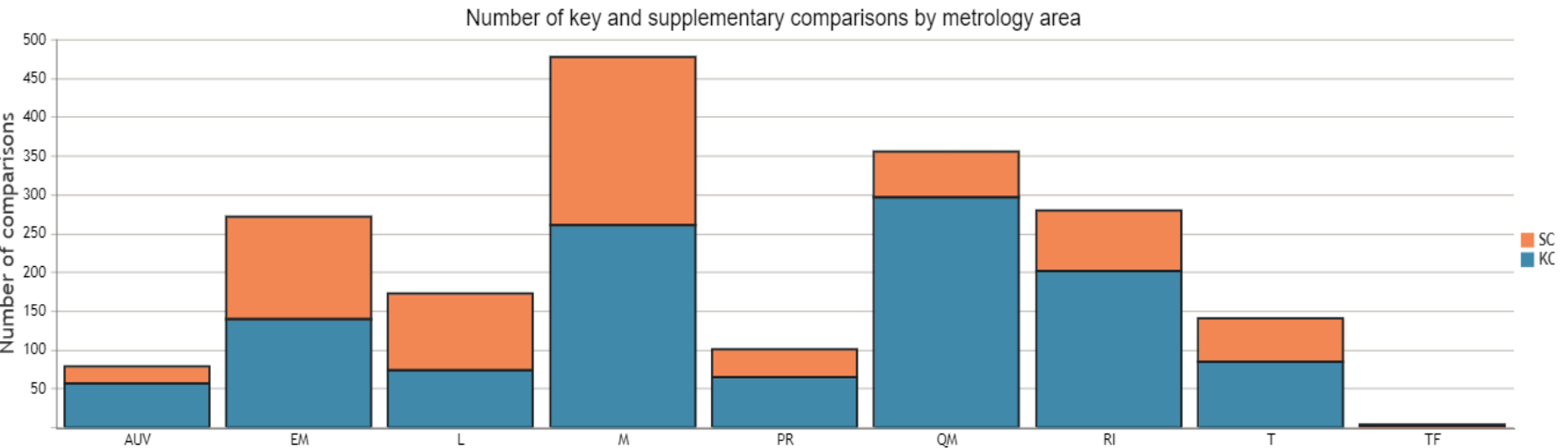
Comparison Statistics

Number of key and supplementary comparisons by metrology area

Metrology Area	Number of key comparisons	Number of supplementary comparisons	Description
AUV	57	22	Acoustics, Ultrasound, Vibration
EM	140	132	Electricity and Magnetism
L	74	99	Length
M	261	217	Mass and related quantities
PR	65	36	Photometry and Radiometry
QM	297	59	Chemistry and Biology
RI	202	78	Ionizing Radiation
T	85	56	Thermometry
TF	1	3	Time and Frequency
Total	1182	702	

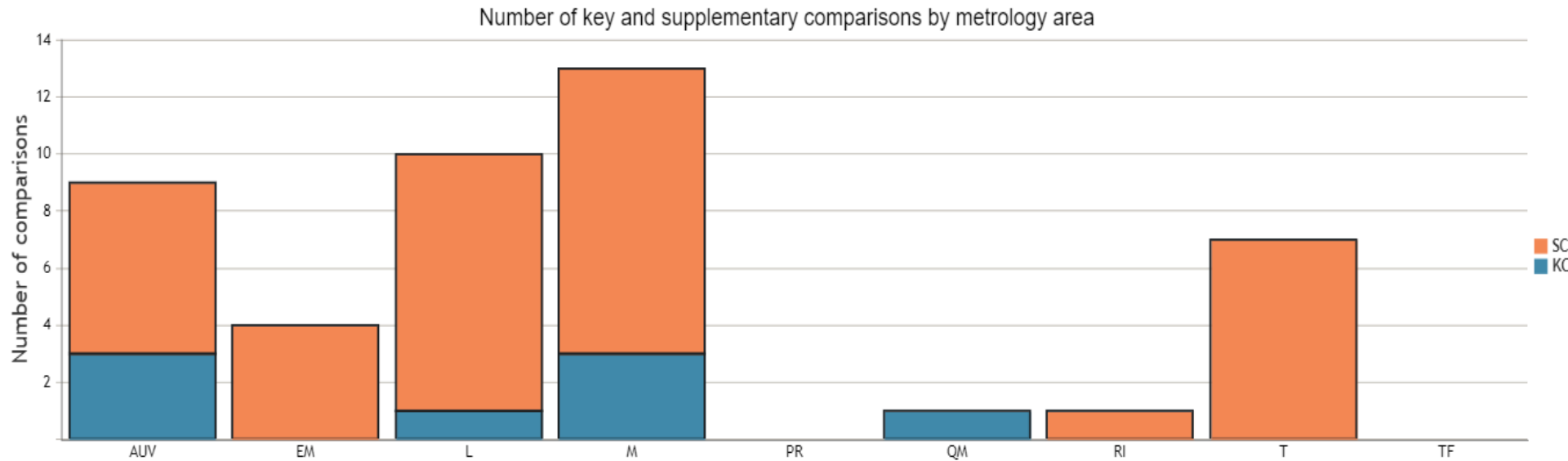
Comparison Statistics

Number of key and supplementary comparisons by metrology area



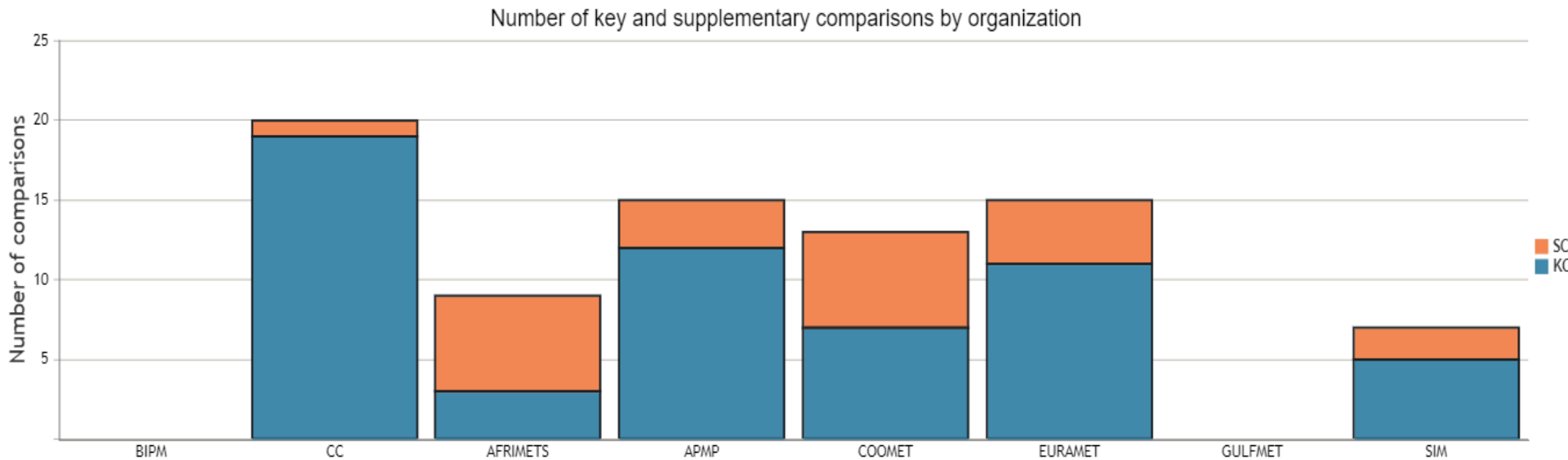
Comparison Statistics

Number of key and supplementary comparisons by AFRIMETS



Comparison Statistics

Number of key and supplementary comparisons by organization (AUV)



Comparisons

- Most recent comparisons
 - CCAUV.A-K6 (2019-2020)
 - CCAUV.U-K4 (2014-2015)
 - CCAUV.V-K3 (2013-2015)
 - CCAUV.V-K4 (2016-2018)
 - CCAUV.V-K5 (2017-2019)
 - CCAUV.W-K2 (2015-2018)
- Current comparisons
 - AFRIMETS.AUV.V-K5 (approved for publication)

TC-AUV Chairs

- AFRIMETS TC-AUV meeting on 17 July 2024
 - Chair Mr Ian Veldman, NMISA
 - Vice Chair Dr El-Basheer, NIS, Egypt