

## Roadmap for implementation of COOMET Strategy for 2020-2025<sup>i</sup>

		Task A Facilitation of		9				
Action	Indicator	2020	2021	2022	2023	20:	24	2025
	Ind-a.1.1	Signing of the CIPM MRA by Armenia, Kyrgyzstan, Tajikistan						
A.1. Participation of	Ind-a.1.3	Performance of a set of ope	rations to implement	the CIPM MRA by all countr	ies, participating in the imple	ementation of	the CIPM MRA	through COOMET
NMIs and DIs of	Ind-a.1.5		l	mplementation of the COOM	IET Program of comparison	3		
COOMET member	Ind-a.1.8	Carrying out of an	annual analysis of th	e number (and percentage r	ratio) of piloted COOMET co	mparisons ac	ross COOMET N	MIs/DIs
countries in the	Ind-a.1.9			timeframe for conducting C				
implementation of the CIPM MRA	Ind-a.1.10	Summing up of problematic issu	ues and lessons learr		ns and preparation of propontation) and transfer to TC4		g activities requ	ired within COOMET,
	Ind-a.1.11		Obtaining of the right to use the CIPM MRA logo by NMIs/DIs of Armenia, Kyrgyzstan, Taji (if the CIPM MRA is signed)					
<b>A.2.</b> Participation of COOMET in JCRB activities	Ind-a.2.1		Participation of COOMET representatives in JCRB meetings					
	Ind-a.3.1	Participation of COOMET repruse update of the CIPM MRA						
<b>A.3</b> . Participation in the	Ind-a.3.2	Translation of the suite of new MRA documents into Russiar translations on the information COOMET	n and posting the					
publications concerning the issues of the CIPM MRA implementation	Ind-a.3.3	Update of COOMET Recommendation R/GM/15:2014 in view of the new versions of CIPM MRA documents	R/GM/7:20 R/GM/12:2015 in v	MET Recommendations 14, R/GM/11:2017, iew of the new versions of RA documents				
A.4. Facilitation of the SI redefinition in COOMET member countries	Ind-a.4.1	Preparation of a Roadmap for TC 1.2 – TC 1.11 for implementation of decisions related to the redefinition of the SI base units	Implementation of the Roadmap for TC 1.2 – TC 1.11 for implementation of decision units				lated to the rede	finition of the SI base
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Ind-a.1.2 Number of countries, participating in the implementation of the CIPM MRA through COOMET and having CMC entries, published in KCDB, increased		Ind-a.1.4 Number of CMC entr countries, participating in the implementation of the CIPM M through COOMET, increase	ne COOMI MRA COC ed comp	I.6 Percentage ratio of ET key comparisons to ET comparisons and of MET supplementary arisons to COOMET parisons increased	Ind-a.1.7 Percentage completed and published comparisons to COC comparisons, registered increased	COOMET DMET	reviews of	centage of interregiona CMCs, conducted in ounted to at least 80%

	T	ask B Facilitation	of recognition of G	QMS of NMIs/DIs o	f COOMET member	er countries				
Action	Indicator	2020	2021	2022	2023	2024	2025			
B.1. Facilitation of the introduction of international standards (ISO/IEC 17025:2017 and ISO 17034:2016) into working practices of NMIs and DIs of COOMET member countries	Ind-b.1.2	, and the second	n introduction of standards (IS		17034:2016) into working pr	actices of NMIs/DIs of COO	MET member countries			
<b>B.2</b> Conduct of peer reviews of QMS of NMIs	Ind-b.2.1	Confirmations of recognition	QMS of COOMET NMIs/DIs n of NMI/DI QMS in accordan 034:2016 (according to the sc	ce with ISO/IEC						
and DIs of COOMET member countries	Ind-b.2.2	1702	Conduct of peer reviews of QMS of COOMET NMIs/DIs for the recognition by COOMET of QMS of NMIs/DIs (for UZ, AM, KG, TJ) in accordance with ISO/IEC 17025:2017 and/or ISO 17034:2016 (if the CIPM MRA is signed - according to the schedule of the COOMET Quality Forum)							
	Ind-b.2.3	Summing up of lessons learnt in the performance of works on peer reviews of QMS of COOMET NMIs/DIs and making proposals on the required trainings within COOMET, their drawing up (documentation) and transfer to TC4								
	Ind-b.3.1	Preparation of new COOMET auditors on peer reviews of QMS of COOMET  NMIs/DIs								
<b>B.3.</b> Training of auditors	Ind-b.3.2	technical experts (TEs) o	seminars) for COOMET on peer reviews of QMS of FNMIs/DIs							
and technical experts for peer reviews of QMS of NMIs and DIs of COOMET member countries	Ind-b.3.3	Commission of the Leave	Analysis of the ratio of the number of auditors and technical experts of COOMET across member countries, COOMET NMIs/DIs and number of peer reviews of QMS of COOMET NMIs/DIs, conducted by them		in and within COOMET.		Analysis of the ratio of the number of auditors and technical experts of COOMET across member countries, COOMET NMIs/DIs and number of peer reviews of QMS of COOMET NMIs/DIs, conducted by them			
P.4 Davelanment of	Ind-b.3.4	Summing up of the lear	nt lessons by TC 3.1 and pre	paration of proposals on train	ing needs within COOMET, t	their drawing up (documenta	ation) and transfer to TC4			
<b>B.4.</b> Development of special requirements (criteria) for QMS of NMIs and DIs	Ind-b.4.1	special requirements (crite	FRecommendation, setting eria) for QMS of COOMET s/DIs							



Ind-b.1.1 NMIs/DIs of COOMET member countries, submitting their CMCs through COOMET, have COOMET Confirmations of recognition of NMI/DI QMS in accordance with ISO/IEC 17025:2017 and/or ISO 17034:2016

Task	C Supp	ort of COOMET mer	mber countries in	gaining the status	of membership in	the Metre Conven	tion
Action	Indicator	2020	2021	2022	2023	2024	2025
C.1. Informing of National bodies for metrology of COOMET member countries about	Ind-c.1.1	Sending of a letter from COOMET President and of targeted information to National bodies for metrology of COOMET member countries concerning the benefits of joining the Metre Convention (for AZ, AM, BA, GE, CU, KP, KG, MD, TJ, UZ)					
the benefits of joining the Metre Convention on behalf of COOMET President	Ind-c.1.2	Sending of a letter from COOMET President and of targeted information to National bodies for metrology of COOMET member countries concerning the possibilities for NMIs/DIs of countries, if they have the status of an associate member of CGPM (for AM, KP, KG, TJ)					
C.2. Increased participation of	Ind-c.2.1	Performance of works by	the interested COOMET NN	Als/DIs, which are members of status of a member or an of			procedures to gain the
representatives of NMIs and DIs of COOMET member countries in the activities of CIPM CCs	Ind-c.2.3			Analysis of the participation of COOMET NMIs/DIs in the activities of CIPM CCs			Analysis of the participation of COOMET NMIs/DIs in the activities of CIPM CCs

Ind-c.1.3 Number of COOMET member countries, which became members of the Metre Convention, increased

Ind-c.2.2 Number of COOMET NMIs/DIs, which are members of CIPM CCs or official observers in CIPM CCs, increased

Action	Indicator	2020	2021	2022	2023	2024	2025
<b>D.1.</b> Preparation of a COOMET Plan for the translation of OIML	Ind-d.1.1	Preparation of a COOMET Plan for translation of OIML publications into Russian for 2020-2022, and agreeing on the list of publications for translation with EASC	2021	2022	Preparation of a COOMET for translation of OIML publications into Russian f 2023-2025, and agreeing the list of publications for translation with EASC	Plan or on	2020
publications into Russian		Translation of OIML publications into Russian in accordance with the Plan			Translation of OIML	publications into Russian	in accordance with the Plan
	Ind-d.1.3	Annual monitoring of the implement	entation of the COOMET Plan publications	for translation of OIML	Annual monitoring of the im	plementation of the COO publications	MET Plan for translation of OIML
	Ind-d.2.1	Conduct of a survey to assess the current situation with respect to the application of OIML publications in working practices of COOMET member countries					Conduct of a survey to assess the current situation with respect to the application of OIML publications in working practices of COOMET member countries
	Ind-d.2.2	Preparation of COOMET Recommendations on the basis of OIML publications					
<b>D.2.</b> Application of publications of OIML, WELMEC and other RLMOs in working practices of COOMET	Ind-d.2.3		Analysis of the appropriation and the current regarding the application of WELMEC and documents RLMOs in COOMET memb	t situation Guides of of other			Analysis of the current situation regarding the application of Guides of WELMEC and documents of other RLMOs in COOMET member countries
member countries	Ind-d.2.4		Drawing up of a list (with adopted rules, guides, recom in the field of legal metrolog RLMOs, which are of inte COOMET member cou	mendations y of other rest for			
	Ind-e.2.5		Preparation of a COOMET translation of Guides of W and documents of other RL Russian	ELMEC Translation	of WELMEC Guides and docur	ments of other RLMOs int Plan	o Russian in accordance with the
D.3. Holding of training seminars and conferences under the auspices of COOMET on the issues of legal metrology	Ind-d.3.2	Monitoring of the	needs of COOMET member of	countries for training by T	C 2, drawing up (documentation	n) of the training needs an	nd transfer to TC4
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Ind-d.1.2 OIML publication into Russian in accordance			ecommendations on the ations were prepared	Ind-d.2.6 RLMO of translated into Russia the COOM	n in accordance with topic	cal issues of legal metro	ing seminar or conference on the ology was held during the year in of COOMET member countries

Action	Indicator	2020	2021	2022	2023	2024	2025		
	Ind-e.1.1		Preparation of an internal procedure for the assessment of training needs and planning of training activities within COOMET						
E.1. Holding of training seminars, conferences, competitions, roundtables under the auspices of	Ind-e.1.2	Conduct of an annual survey on			opical issues of metrology in di activities in COOMET NMIs/D		eration and on the available		
	Ind-e.1.3	Preparation of a Plan for training activities of COOMET for 2020-2021		Preparation of a Plan for training activities of COOMET for 2022-2023		Preparation of a Plan for training activities of COOMET for 2024-2025			
COOMET	Ind-e.1.4	Organization and holding of tra	` `		ing of training activities to the Plan)		ing of training activities to the Plan)		
	Ind-e.1.5		Holding of the International competition "The Best Young Metrologist of COOMET"		Holding of the International competition "The Best Young Metrologist of COOMET"		Holding of the Internationa competition "The Best Young Metrologist of COOMET"		
	Ind-e 1.6	Organization and hol	lding of online/e-learning throug	h the COOMET web-resour	ces and/or by means of exis	ting e-learning tools of other			
	Ind-e.1.7	Holding of training seminars for COOMET under the BIPM CBKT program and programs of other partners							
<b>E.2.</b> Preparation of the information about the	Ind-e.2.1	Conduct of an annual survey on the needs of NMIs/DIs of COOMET member countries in training in the form of traineeships							
possibilities of holding	Ind-e.2.2	Conduct of an annua	al survey of NMIs/DIs of COOMI	ET member countries on pro	oposals on (possibilities of) h	olding trainings in the form	of traineeships		
traineeships for experts from NMIs and DIs of	Ind-e.2.3	Preparation and sending of th	ne information about the possibil	lities of holding traineeships	of experts from COOMET N	MIs/DIs to COOMET mem	ber countries (annually)		
COOMET member countries, including	Ind-e.2.4		Annual monitoring of ac	tual traineeships of experts	of NMIs/DIs of COOMET me	mber countries			
traineeships in NMIs/DIs of other RMOs and IMOs, and monitoring of their participation	Ind-e.2.5	·	traineeships of experts from CO		. 0	. 0			
<b>E.3.</b> Ensuring access of countries with emerging	Ind-e.3.1	Annual monitoring of partic	cipation of countries with emergi prograi	ng metrology systems (CEE ms of other partners, includi	EMS) in training activities and ng other RMOs and IMOs	I traineeships within COOM	MET, BIPM CBKT and		
metrology systems (CEEMS) to training	Ind-e.3.2		Conduct of COC	OMET training activities in C	EEMS or at the initiative of C	CEEMS			
activities and traineeships	Ind-e.3.3			Holding of traineeships of e	xperts from CEEMS				

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Ind-e.3.2 COOMET training activities were conducted in CEEMS or at the initiative of CEEMS

Ind-e.3.3 Traineeships of experts from

CEEMS are held (annually)

Ind-e.2.5 Traineeships of experts from COOMET NMIs/DIs, inter alia under the BIPM CBKT Program and programs of other partners, including other RMOs and IMOs, are held (annually)

Ind-e 1.6 At least 2 e-learning tools

were made available to COOMET

members and lessons learnt were

summed up

Ind-e.1.4 Training activities under the Plans of training activities of COOMET were performed

		Task F "	Conduct of	research i	n the field	d of metrology			
Action	Indicator	2020	202	1		2022	2023	2024	2025
F.1. Making proposals on the fields of innovative research of NMIs/DIs of COOMET member	Ind-f.1.1	Carrying out of an assessment of the interest of NMIs/DIs of COOMET member countries in innovative scientific projects		1					
countries in metrology and implementation of the appropriate scientific	Ind-f.1.2	Preparation of a table of metrolog NMIs/DIs of COOMET member cour these NMIs/DIs are acti	ntries, in which ive						
projects	Ind-f.1.3		Determination of p of innovative i metrology withi	research in in COOMET					
	Ind-f.1.4	Determination and implementation		ntific projects, rela nber countries and		fined SI units, involving NMIs/DIs of COOMET			
	Ind-f.1.5	Preparation of a Concept of innovat		trology within					
	Ind-f.1.6				Carrying out or requirements	of an assessment of potential funding sources of internal/external donors for innovative scie projects of COOMET	and ntific		
	Ind-f.1.7				Forming of NMIs/DIs of	a List of innovative scientific research, involvi COOMET member countries and other RMOs 2022-2025  Implementation of specific scientific rese scientific research, involving NMIs/DIs of	, for arch projects acco	ording to the L er countries ar	ist of innovative
F.2 Development of scientific cooperation of COOMET NMIs/DIs with NMIs/DIs of other RMOs	ł			S	ee indicators <b>In</b>	d-f.1.4 and Ind-f.1.7			
F.3. Making proposals on the inventory of bilateral scientific projects, implemented in NMIs/DIs of COOMET member countries	Ind-f.3.1				inventory of b	out of an assessment of the appropriateness of ilateral scientific projects implemented in COC DIs and making proposals on their inventory			
		$\Box$				$\Box$		$\Box$	
Ind-f.1.3 Promising fiel innovative research in me within COOMET were det	etrology	Ind-f.1.4 Innovative scientific projects, re to the redefined SI units, involving NMIs/ COOMET member countries and other R were implemented	DIs of research	.1.5 Concept of in metrology with was prepare	hin COOMET	Ind-f.1.6 Assessment of potential funding sources and requirements of internal/external donors for innovative scientific projects of COOMET was carried out	research, invol member cour 2022 - 2025 v	ntries and other	of COOMET er RMOs, for and works on

		Task G CC	OMET internal	development and ext	ternal representation	n		
Action	Indicator	2020	2021	2022	2023	20:	24	2025
	Ind-g.1.1	appropriateness of gair status for	gal entity or of the ling another institutional COOMET					
	Ind-g.1.2	Assessment of the possibility of establishmen a permanent Secretariat		of				
	Ind-g.1.3	Assessment of financing options for COOME activities						
<b>G.1.</b> Addressing the issue of the institutional status of COOMET	Ind-g.1.4			Preparation and discussion of a possible draft COOMET budget and options for the management/internal control of the budget	Addressing the issue of changing the institutional status of COOME (taking into account the recommendations of the WG for Strategy and p that the action program is approved by the COOMET Committee			
	Ind-g.1.5			Assessment of the possibility of making amendments to the COOMET Memorandum of Understanding and Rules of Procedure				
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Ind-g.1.1 Assessment was completed regarding the possibility of establishment of COOMET as a legal entity and of the appropriateness of gaining another institutional status for COOMET		Ind-g.1.2 Assessme completed regarding the establishment of a pe Secretariat	possibility of com	d-g.1.3 Assessment was pleted regarding financing ons for COOMET activities	Ind-g.1.4 Preparation and of a possible draft COON and options for management/internal co budget were comp	MET budget the ntrol of the	completed making	1.5 Assessment was regarding the possibility of gamendments to the IET MoU and Rules of Procedure

		Task G CO	OMET internal develop	ment and externa	al repre	sentation			
Action	Indicator	2020	2021	2022		2023	202	24	2025
	Ind-g.2.	1 Analysis of the eff	ectiveness of COOMET structural	bodies (CSBs)					
	Ind-g.2.	2	COOMET Presidential Council and CSBs				Assessme satisfaction of of cooperation of COOMET Council at	participants with the work Presidential	
	Ind-g.2.		s to involvement of CEEMS in es of CSBs	Implementation	on of appro	aches to involvem	ent of CEEMS in	activities of CS	SBs
G.2. Performance of works on the improvement of activities of COOMET steering and structural bodies	Ind-g.2.	development of Work I implementation of strategic and today's metrologica economic and social devel	mendations for CSBs for the Programs of CSBs, aimed at tasks and mission of COOMET al tasks aimed at sustainable opment (competitiveness, trade, energy efficiency etc.)	Preparation	and/or upd	late and implemen	tation of Work P	rograms of CSE	3s
		Inspection of the sci	MET publications						
	Ind-g.2.	6	Preparation and implementa update of COOMET publ						
	Ind-g.2.	7 Update of the R	egulations on CBSs						
	Ind-g.2.	В		Determination of target g for COOMET commur online mechanism of inf COOMET v	nication, rea ormation ex veb-resour	alization of an exchange on the ces			
	Ind-g.2.	9	Realization of the pos	ssibility of taking part in C	OOMET ev	rents via videocon	ference		
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countries of origin of Heads of involv		Ind-g.2.4 Approaches to involvement of CEEMS in activities of CSBs were developed	Ind-g.2.6 The scientific and technical level of COOMET publications was inspected and publications were updated	Ind-g.2.7 Regulations were updated		Ind-g.2.8 Onling of information of realized on the Coresour	exchange was COOMET web-	taking part events via vi	e possibility of in COOMET deoconference ealized

		Task G COOMET interr	nal develop	ment and external re	presentation					
Action	Indicator	2020	2021	2022	2023	2024	2025			
	Ind-g.3.1	Creation of a new si	Creation of a new single information resource of COOMET (website)							
	Ind-g.3.2		Preparation/issue of materials, concerning the activities of COOMET and results of its work (reports, research, abstracts, booklets etc.), inter alia in publications of international and regional organizations, working in the field of metrology							
		Carrying out of activities to increase the significance of international cooperations.				nities of COOMET member	countries about the			
G.3. Carrying out activities for promoting/greater visibility of COOMET activities and its relevance at the national and international level	Ind-g.3.3	Sending of an information letter from COOMET President to National bodies for metrology of COOMET member countries concerning the contribution of COOMET in eliminating technical barriers to trade, facilitating international trade, improving products quality and safety								
		Provision of further consultancy and probodies of COOMET member countries (if	necessary)							
	Ind-g.3.4	Translation of	ganizations into Russian							
	Ind-g.3.5	Giving annuall	y the distinguish	ed title "Honorary metrologist of	of COOMET" and aw	rarding with breastplates				
	Ind-g.3.6	Preparation of a concept of application metrological services of NMIs/	DIs of COOMET	member countries						
	Ind-g.3.7	Informing about Work Programs of CSBs at sustainable econ		ementation of strategic tasks and development (competitiveness			ological tasks, aimed			
						$\Box$				
Ind-g.3.1 A new single inform COOMET (website) was		e of  Ind-g.3.3 Letters from COOMET were sent to National bodies for COOMET member countries cor contribution of COOMET in el technical barriers to trade, fa international trade, improving pro and safety	metrology of neerning the iminating cilitating	Ind-g.3.4 Fundamental of metrology of internation organizations are being trans	al metrology	Ind-g.3.6 A concept of a technologies in the perform services of NMIs/DIs of countries was	nance of metrological COOMET member			

		Task G COOM	ET internal develo	opment and exter	nal representation	1			
Action	Indicator	2020	2021	2022	2023	2024	2025		
	Ind-g.4.1	Interacting with internation	nteracting with international metrology organizations, regional metrology organizations (RMOs) and regional legal metrology organizations (RLMOs) due account for mutual benefits						
	Ind-g.4.2		Implementation of the	ne Memorandum of Under	standing between COOME	T and EURAMET			
<b>G.4</b> Enhancing mutually beneficial cooperation of	Ind-g.4.3	Preparation of plans f Understanding with other in	or cooperation or signing on terested RMOs, RLMOs, for mutual benefits		Implementation of	the plans for cooperation of Understanding	or Memorandums of		
COOMET with external	Ind-g.4.4	Implen	Implementation of the Protocol of cooperation and interaction in the field of metrology between COOMET and EASC						
metrology organizations		Pa	Participation of COOMET representatives in events, organized by RMOs, RLMOs, EASC, NCSLI and IMEKO						
	Ind-g.4.5		Participation of repres	entatives of RMOs, RLMC	of RMOs, RLMOs, EASC, NCSLI in events, held by COOMET				
		Mutual exchange of information about the activities of COOMET and RMOs, RLMOs, EASC, NCSLI							

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Ind-g.4.2 Memorandum of Understanding between COOMET and EURAMET is being implemented	Ind-g.4.3 Plans for cooperation were developed or Memorandums of Understanding were signed with other interested RMOs, RLMOs, NCSLI with due account for mutual benefits and their implementation is in progress	Ind-g.4.4 Protocol of cooperation and interaction in the field of metrology between COOMET and EASC is being implemented	Ind-g.4.5 COOMET representatives take part in the events, organized by RMOs, RLMOs, EASC, NCSLI and IMEKO; representatives of RMOs, RLMOs, EASC and NCSLI are invited to take part in the events held by COOMET and information about the activities of the organizations is mutually shared

Timeframes for implementing individual activities can be updated by the decision of Presidential Council (owing to the Covid-19 pandemic)

	Task H Digital Transformation in Metrology								
Action	Indicator	2023	2024	2025	2026				
H1. Preparation and implementation of a COOMET concept for the issues of digital transformation in metrology	ind ii.i.i	Preparation and approval of a COOMET concept for the issues of digital transformation in metrology, and a Roadmap for its implementation  Realization of actions provided for inthe Roadm	ap for implementation of the	COOMET concept for the issues of	of digital transformation in metrology				
				$\Box$					
	Ind-h.1.1 Preparation and approval of a COOMET concept for the issues of digital transformation in metrology, and a Roadmap for its implementation  Ind-h.1.2 Realization of actions provided for in the Roadmap for implementation of the COOMET concept for the issues of digital transformation in metrology								
The COOMET P7 program was appr	oved at the 3	34th meeting of the COOMET Committee in June 24.	Realization takes place underCOOMET projects. The progress with the realization shall be reported at COOMET Committeemeetings.						

Task H Digital Transformation in Metrology						
Action	Indicator	2023	2024	2025	2026	
H.2. Facilitation of the development of metrological collaboration and cooperation within COOMET	Ind-h.2.1	Forming of a list and description of digital objects of COOMET member countries recommended for incorporation into the COOMETdigital platform (as a part of the new COOMET information resource)				
	Ind-h.2.2		Working out of mechanisms for dataexchange between the COOMET information resource and information resources of member countries			

Ind-h.2.2	information resources of member countries			
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Ind-g.2.1 Forming of a list and description of digital objects of COOMET member countries recommended for incorporation into the COOMET digital platform (as a part of the new COOMET information resource)	Ind-g.2.2 Working out of mechanisms for dataexchange between the COOMET information resource and information resources of member countries			
As soon as the ToR for the creation of a new single COOMET information resource is completed and its prototypeis created. A report on the work done will be presented at the 36th meeting of the COOMET Committee in June 2024.				