Report of the President of the CIPM:

Strategy, governance, scientific coordination

Wynand Louw

President of the CIPM

The BIPM Mission: Cornerstone of Trust

To advance the global comparability of measurements for:

- scientific discovery and innovation
- industrial manufacturing and international trade
- improving the quality of life and sustaining the global environment



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The CIPM Strategy 2030+: Taking the organisation into the future

CGPM 2022

Five resolutions to improve the system and advance the SI

CGPM requested to mandate the CIPM to develop proposals and to consult on broader participation

Consultation with CCs and stakeholders on Strategy reports

CIPM 2022-2026

CIPM consults with Member States and the community on popular new vision/mission, model for broader participation, investigate best practice for IOs

Concludes and presents *Strategy 2030+* to the community in 2025 at occasion of the 150th year celebration of the Metre Convention

CGPM 2026

Draft Resolutions presented to Member States:

-modernizing the organization, new vision/mission

-structures,

-funding models,

-broader participation

for full implementation

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Response to Mandate from 27th CGPM

Resolution 1:
encourages the CIPM to develop a long-term vision for an international measurement system that will remain relevant and adequately address new metrological challenges

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Global Challenges

Reliable and innovative health services

Safe food and water

Global environment monitoring

Renewable energy sources

Advanced manufacturing

Response to Mandate from 27th CGPM

Resolution 1:
encourages the CIPM to develop a long-term vision for an international measurement system that will remain relevant and adequately address new metrological challenges

New Technologies

Digitalization

Artificial intelligence

Interconnected networks of sensors

Quantum revolution

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Response to Mandate from 27th CGPM

Resolution 1:
encourages the CIPM to develop a long-term vision for an international measurement system that will remain relevant and adequately address new metrological challenges

Implementation

Horizontal groups and forums

Collaboration with NMIs and RMOs

Consultative Committees addressing multi-disciplinary challenges

Engage youth and experts in CIPM

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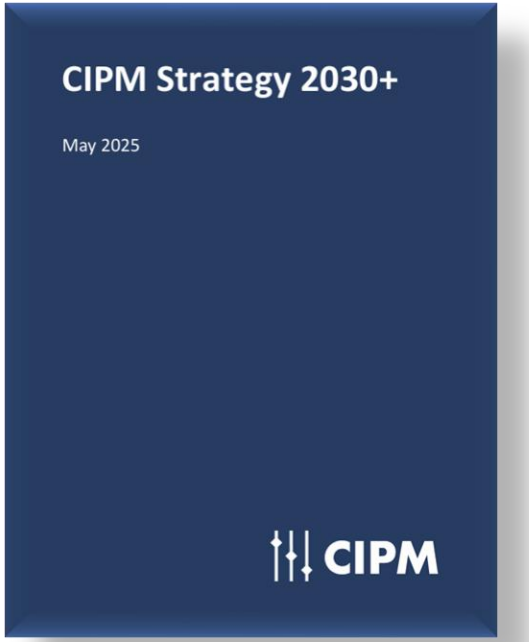
Response to Mandate from 27th CGPM



Publication of the long-term vision for an international measurement system that will remain relevant and adequately address new metrological challenges



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Response to Mandate from 27th CGPM

Resolution 2:
encourages the CIPM to … ensure that the Metre Convention naturally extends its role as the globally accepted anchor of trust into the digital era

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Response to Mandate from 27th CGPM

Resolution 2:
encourages the CIPM to … ensure that the Metre Convention naturally extends its role as the globally accepted anchor of trust into the digital era

Joint Statement of Intent "On the digital transformation in the international scientific and quality infrastructure"
Signed by:



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Response to Mandate from 27th CGPM

Resolution 3: **decides** to add to the list of SI prefixes…

Table 7. SI prefixes

Factor	Name	Symbol	Factor	Name	Symbol
10^{1}	deca	da	10^{-1}	deci	d
10^{2}	hecto	h	10^{-2}	centi	c
10^{3}	kilo	k	10^{-3}	milli	m
10^{6}	mega	M	10^{-6}	micro	μ
10^{9}	giga	G	10^{-9}	nano	n
10^{12}	tera	T	10^{-12}	pico	p
10^{15}	peta	P	10^{-15}	femto	f
10^{18}	exa	E	10^{-18}	atto	a
10^{21}	zetta	Z	10^{-21}	zepto	z
10^{24}	yotta	Y	10^{-24}	yocto	y
10^{27}	ronna	R	10^{-27}	ronto	r
10^{30}	quetta	Q	10^{-30}	quecto	q

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Response to Mandate from 27th CGPM

Resolution 4:
requests that the CIPM
consult… to…
ensure the continuity of UTC

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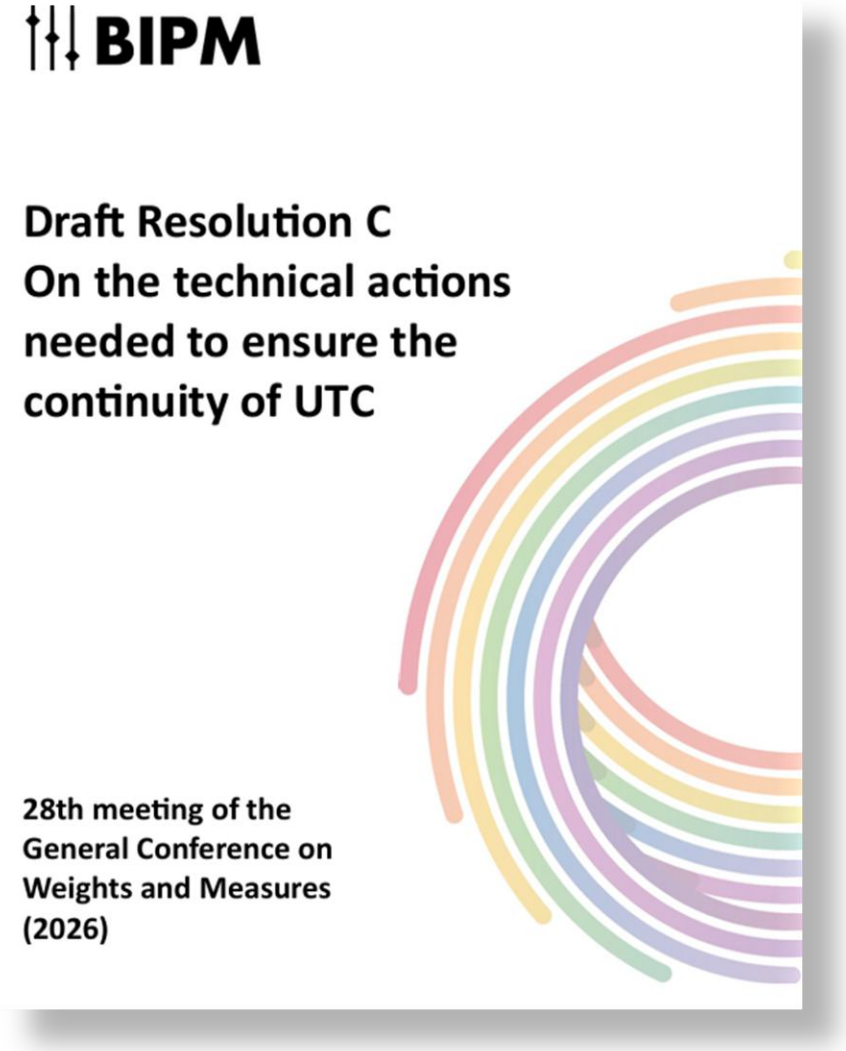
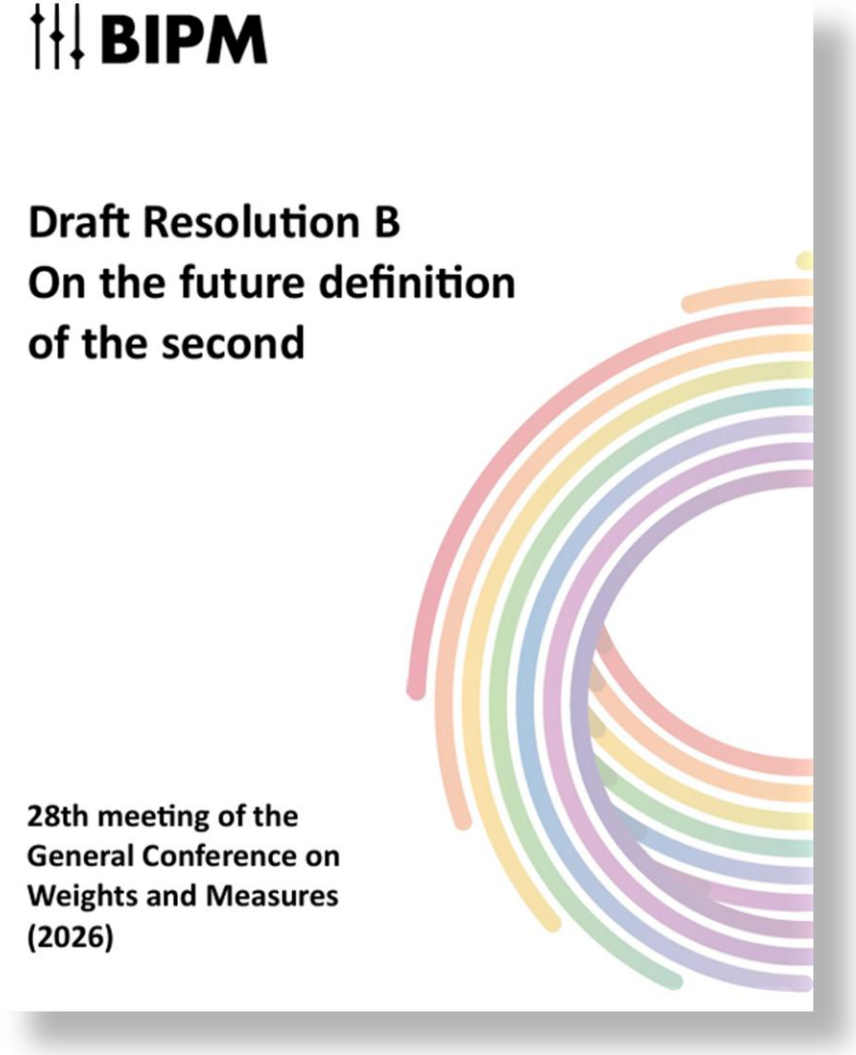


Response to Mandate from 27th CGPM

Resolution 5:
encourages the CIPM to promote the importance of achieving the objectives in the roadmap for the redefinition of the second



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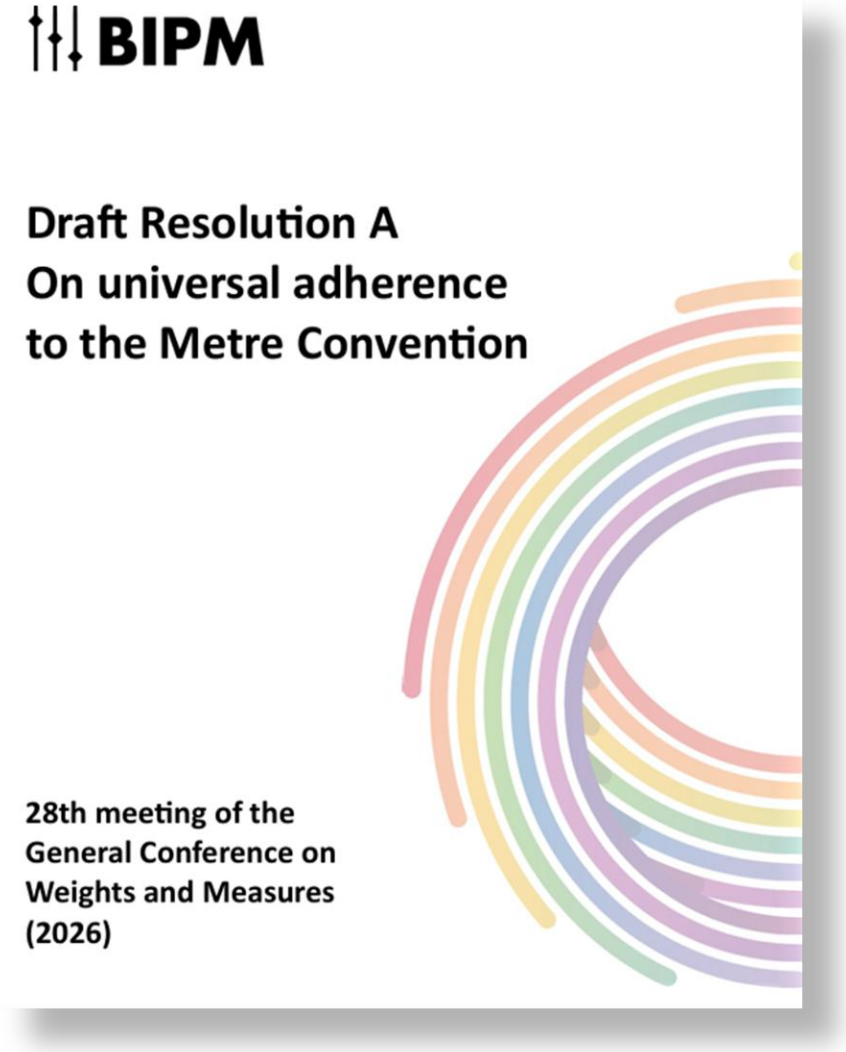
Response to Mandate from 27th CGPM

Resolution 6:
invites the CIPM to… facilitate lasting and universal adherence to the Convention



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Response to Mandate from 27th CGPM

Resolution 7:
considering the increased importance of the work of the International Bureau of Weights and Measures (BIPM)
decides that the annual dotation of the BIPM … shall be:

13 161 218 euros in 2024
13 358 636 euros in 2025
13 559 016 euros in 2026
13 762 401 euros in 2027

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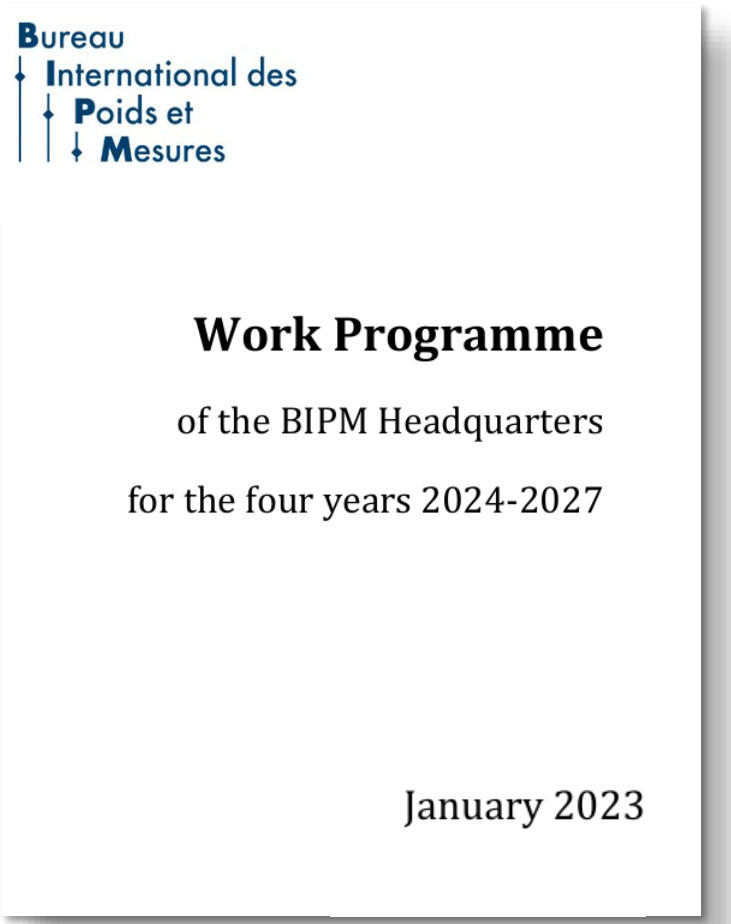

Groups of the CIPM (Consultative Committees, Forum, STG)

Key achievements of each Group will be presented on posters

Trends include

- Emerging scientific priorities in response to new technologies
- Growth in participation
- Increased cross-disciplinary activity
- Focus on stakeholder engagement

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Member States and Associates

69
Member States

34
Associates

CGPM

New Member States (and date of accession)	
Uzbekistan	16 December 2025
Dominican Republic	9 April 2026
Albania	4 June 2026
Peru	11 August 2026
Azerbaijan	17 August 2026

New Associates of the CGPM (and date of becoming an Associate)	
Nigeria	4 June 2026
Armenia	17 June 2026

Reinstated as an Associate of the CGPM (and date of reinstatement)	
Cuba	16 October 2024

Withdrawn as an Associate of the CGPM (and date of withdrawal)	
Latvia	1 November 2025

Liaisons with International Organizations



Enabling Member States to realize the benefits of metrology across their economies

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Supporting the reduction of technical barriers to trade for least developed country Members



Strengthening regulatory frameworks through engagement with the Quality Infrastructure



Raising global awareness and understanding of the role of accurate measurements in modern life

Looking forward



- Refreshed CIPM with new vision, building on the CIPM Strategy 2030+
- A Director to enact the new vision
- Strengthened governance through the Rules of Procedure
- Continued mandate for modernization of the Organization

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Looking forward cont.



- The CIPM 2022-2026 has established a strong foundation for the BIPM to meet the challenges of the future

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Looking forward cont.



- The CIPM 2022-2026 has established a strong foundation for the BIPM to meet the challenges of the future
- **With the addition of a new participation category, the Organisation will be truly Global**

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Looking forward cont.



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- The CIPM 2022-2026 has established a strong foundation for the BIPM to meet the challenges of the future
- **With the addition of a new participation category, the Organisation will be truly Global**
- It was a privilege for us to serve the Organisation, and those that are elected and those that are stepping down will fully support it into the future