

Bureau
International des
Poids et
Mesures

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President CIPM

CIPM Strategy 2030+



A modern BIPM for a modern world



New metrology for modern industries



Euro-Asian Co-Operation of National Metrology Institutes

Universal Adherence



European Association of National Metrology Institutes

Coordination of metrology globally

Sound technical basis



The Metre Convention of 1875



Inter-American Metrology



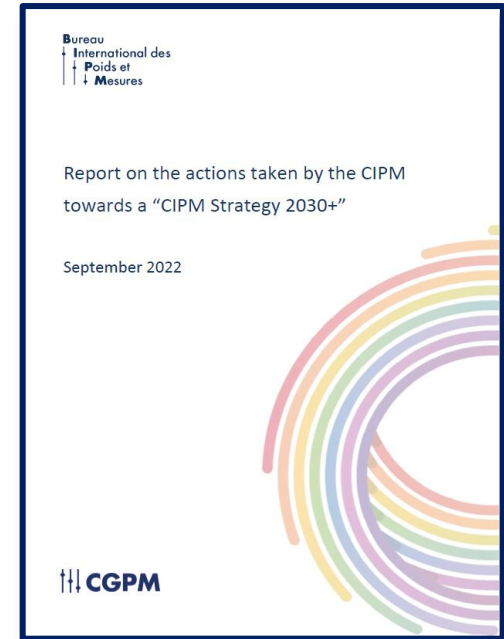
Intra-Africa Metrology System



Gulf Association for Metrology

A Strategy 2030+ for the Organisation

1. Responding to Evolving Needs for Metrology
2. Addressing key scientific challenges to advance the global measurement system
3. Strategy for deepening engagement with other international organisations on measurement science issues
4. Reviewing the strategy for universal adherence
5. Modernising the operations of the organisation



21st Century Metrology Grand Challenges

♦ The CIPM identified five “Metrology Grand Challenges”:

- Climate and environment
- Health & life sciences
- Food safety
- Energy
- Advanced manufacturing



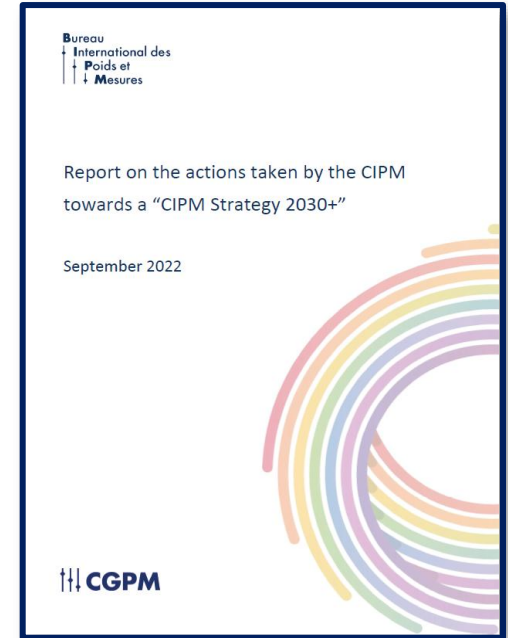
♦ Cross-cutting challenges related to *how* we make measurements:

- Digital Transformation (e.g., AI, machine-readable / -actionable information)
- “New” metrology (e.g., intrinsic standards, sensor networks, distributed measurements)



Develop a Strategy 2030+ for the Organisation

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2. Addressing key scientific challenges to advance the global measurement system
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The Future....

“The CIPM created, and will create appropriate joint task groups and horizontal forums to shape and coordinate the metrology community’s response to the identified grand challenges”

“In support of the Revised SI, the CIPM will foster new collaborations to address the most challenging measurement requirements, and to establish universal standards for space exploration and joint universal projects”

“The CIPM and its Consultative Committees will evolve to become more inclusive to embrace the modern world and the horizontal structures”

The Future....

“Fulfilling the CGPM mandate of Resolution 6 (2022) of universality as a substantial step towards achieving wider participation, a new category to participate in the BIPM will be introduced.

“Ensuring that the BIPM remains relevant in the future, past-and current practices are being entrenched, and international best-practice is being introduced by developing modern governance practices for the Organization”

“The HQ of the future is a centre of scientific excellence.....

THANK YOU!

