Draft Resolution F

“On universal adherence to the Metre Convention”

Alan Steele and Angela Samuel

November 2022
Universal Access – Universal Participation

• Resolution 1 (2018) was a fundamental scientific and ideological change: *in principle, all states now have access to the realizations of the Units*

• The original treaty also embodies the principle of universal participation: ‘...the High Contracting Parties desiring to *ensure the international unification and the perfection of the Metric System*.’

• Over the years many CGPM Resolutions and CIPM actions *facilitate or encourage universal participation*
Universal Participation: Successes

- Encouragement *efforts to grow participation* have been rather successful

- At the turn of the century there were 48 Member States

- Today, and in particular since the launch of the CIPM MRA, we have:
  - 64 Member States representing 93% of world GDP
  - 36 Associate States and Economies representing 4.7% of world GDP
Universal Participation: Challenges

• But our international organization, serving as the hub of the world measurement system includes only 1/3 of the world's states!

  *We are reaching the limits of what can be done under the current arrangements*

• There are 83 UN Member States that do not participate at all, representing just 2.3% of world GDP

• Adding them would contribute little financially, but equally could cost very little, recalling that:
  • privileges and obligations must be balanced in an equitable system
  • many IOs have members with tiered payments and rights
Growth in national capabilities to become trusted partners for sustainable *and inclusive* economic growth

- Build technologically skilled workforces
- Ensure fit-for-purpose measurement capabilities
- Enable effective participation in global trade
- Support Governments in addressing societal needs and protecting consumers
- Grow expertise to solve emerging challenges and leverage opportunities through advances in S&T
Addressing UN Sustainable Development Goals

Access to international frameworks – including broader QI – to support achievement against SDGs

Examples:

• OIML, ILAC, ISO, IEC, ITU, INETQI
• UNIDO, UNESCO
• WTO TBT, OECD
• JCTLM, WHO
• WMO
• Codex Alimentarius
• IAEA
• VAMAS
• etc
Leaving no one behind – importance of diverse voices

The health of a system can be measured by its ability to learn from, adapt for, listen to and empower diverse voices.
Resolution F: *Invites the CIPM...*

- to *review the membership practices* of other international organizations,
- to *examine the current application of Article III* of the Metre Convention and report to the CGPM at its 28th meeting on how this Article might be applied in order to facilitate lasting and universal adherence to the Convention,
- to *consider the implications of wider participation* in the work programme and services of the BIPM,
- to *propose appropriate actions* for consideration by the CGPM at its 28th meeting.
Projet de résolution F
« Sur l’adhésion universelle à la Convention du Mètre »

Alan Steele et Angela Samuel

novembre 2022