

EURAMET Activities

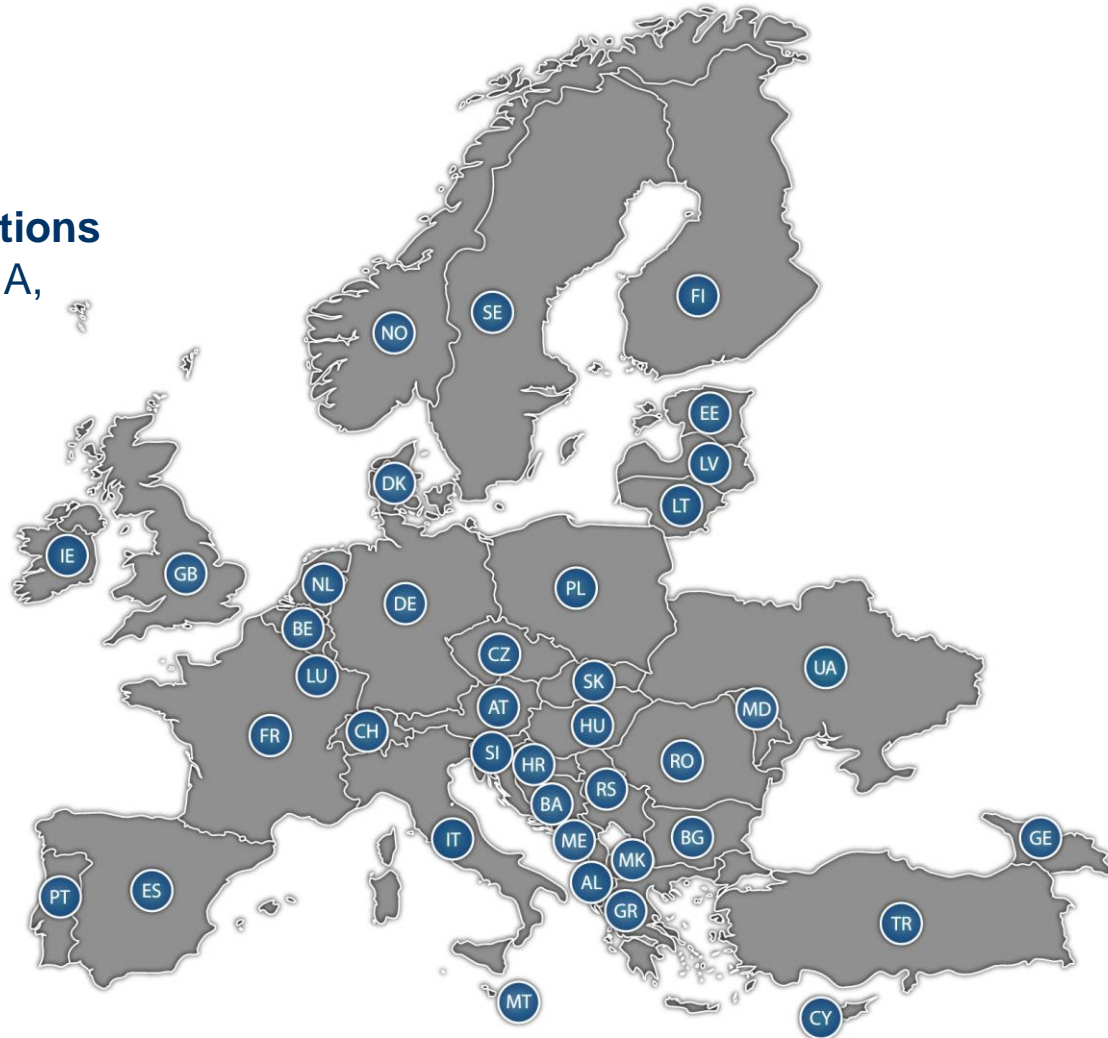
Dolores del Campo
EURAMET Chairperson

EURAMET e.V.

The European Association of National Metrology Institutes



- **39 National Metrology Institutes**
- **81 Designated Institutes**
- **16 international Liaison Organisations**
(e.g. other RMOs, BIPM, OIML, IAEA, WELMEC, Eurolab, Eurachem, EA)



EURAMET Chairpersons



CHAIRPERSON ELECT

Dr. Dolores del Campo
Centro Español de Metrología (CEM)

C/del Alfar 2
28760 Tres Cantos (Madrid)

Phone: +34 91 80 74 704
E-mail: ddelcampo@cem.es



VICE-CHAIRPERSON (GA)

Dr. Miruna Dobre
FPS Economy, DG Quality and Safety
Metrology Division (SMD)

Koning Albert II laan 16
1000 Brussels
Belgium

Phone: +32 2 277 8329
E-mail: vicechairperson@euramet.org



VICE-CHAIRPERSON (RESEARCH)

Maguelonne Chambon
Laboratoire national de métrologie et d'essais (LNE)

rue Gaston Boissier 1
75724 Paris cedex 15
France

Phone: +33 1 40 43 40 50
E-mail: empirchair@euramet.org

EURAMET 2030 Vision



Vision: EURAMET to be the leader in the development and application of measurement science enabling **Europe to be competitive, healthy and sustainable** through innovation.



Mission: EURAMET to develop and maintain an appropriate, integrated, and cost-effective measurement infrastructure for Europe, aligned to the needs of society and industry.

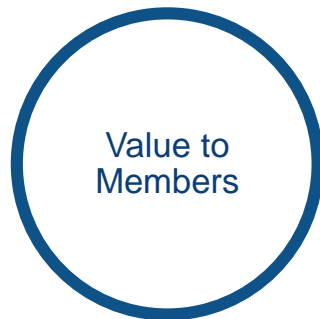
Strategic Framework in Place to Achieve the Vision



Understand stakeholder needs
Impact through take-up of results



Support the development of QI systems
Contribute to better standardisation



Underpin requirements of the CIPM MRA
Assist members in achieving capabilities
Help bridge the gap between members



Contribute to better regulation
Provide inputs to relevant policies
Elevate Metrology to decision makers



Strengthen research collaboration
Align research to new challenges
Deliver excellence on metrology

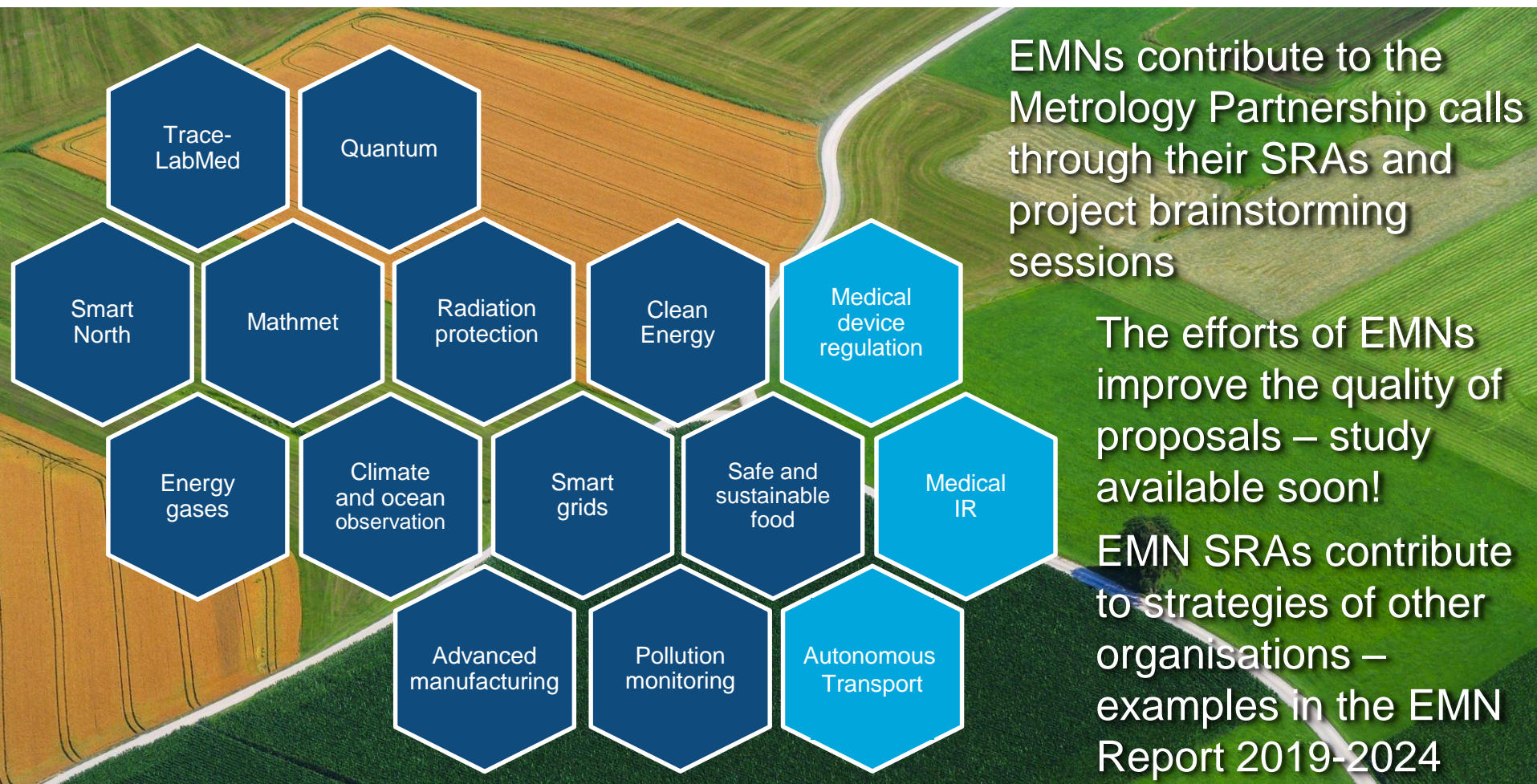
A large, dark background featuring a circular spotlight effect. Inside the spotlight, a pair of red curtains is visible, with vertical folds and a bright red color. The word "Highlights" is written in white, sans-serif font across the center of the spotlight.

Highlights

Twelve EMNs are up and running!

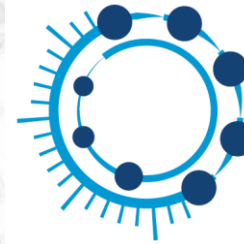


Engaging Stakeholders
for Mutual Benefit



EMN Strategic Research Agendas: <https://www.euramet.org/research-innovation/metrology-partnership/strategic-research-and-innovation-agendas>

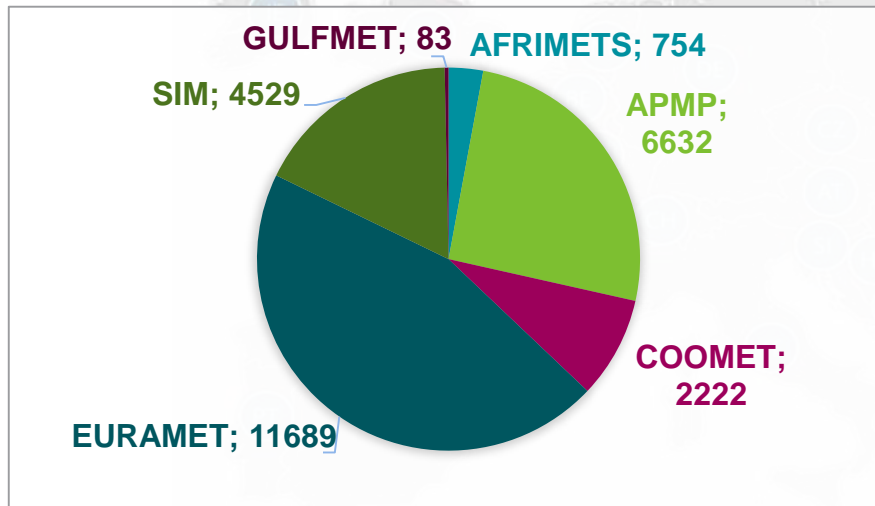
EURAMET TCs are a global powerhouse of Metrology



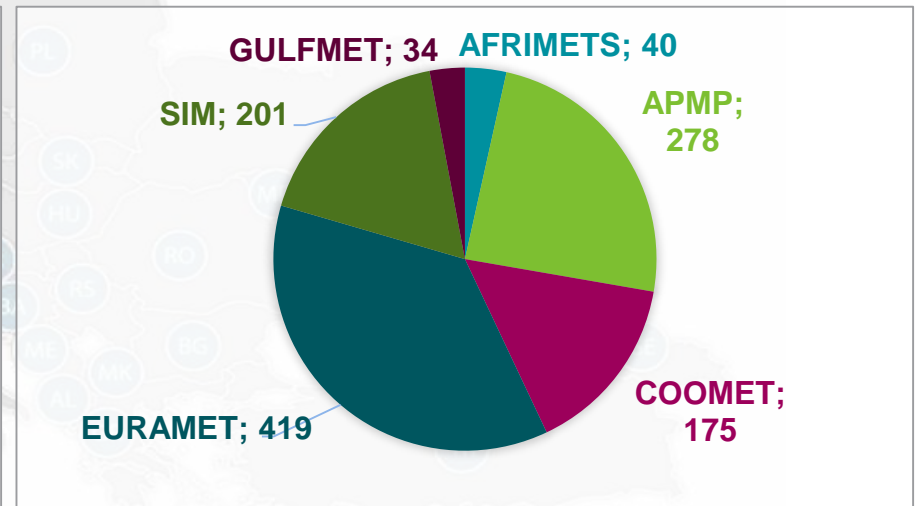
Deliver high value to members & associates

- EURAMET TCs are major contributors the global metrology system
 - are key to the implementation of the CIPM MRA
 - play a crucial role in global metrological cooperation and

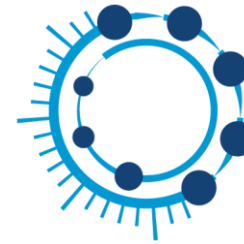
Calibration and Measurement Capabilities



Key and Supplementary Comparisons



EURAMET Guides have become a global reference



Deliver high value to members & associates

Calibration Guidelines, Technical Guides, and other guideline documents

- 102 000 downloads of Calibration Guidelines in 2023, used as references worldwide
- New guidelines in development, existing ones under continual review
- New category: Expert documents: produced within projects or generated by EMNs & TCs
- Available to members and stakeholders



We work together for a stronger Quality Infrastructure in Europe



Support quality infrastructure

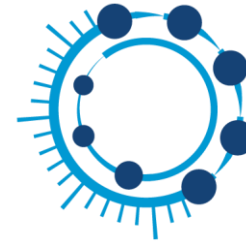
- Establishment of the European QI Network
 - A partnership of regional quality infrastructure organizations that collaborate to strengthen the Quality Infrastructure in Europe:

EURAMET + WELMEC + EA + CEN/CENELEC



Photo: © CEN/CENELEC

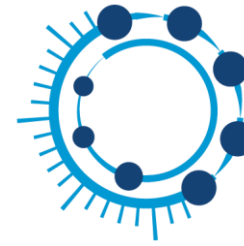
We help in bridging the gap between members



Deliver high value to
members & associates

- Capacity Building Activities in 2023/2024:
 - 3 Research Potential projects
 - 3 Training courses
 - 2 Mentoring Scheme Awards
- We are preparing a coordination and support action on CB (1 M€):
 - **Researcher Mobility Support** – cascade funding instrument
 - **Mentoring Scheme Awards** – reimbursement of actual costs incurred for travel, accommodation, and subsistence for MSA recipients
 - **Training Events** – reimbursement of the actual costs incurred for travel and subsistence of key speakers, venue hire, and catering costs

We assist members in achieving new capabilities



Deliver high value to
members & associates

- Highlight: the second Summer School on temperature and humidity
- Highly successful and well-attended
 - 8 lecturers from 7 countries
 - 57 students from
 - 22 EURAMET countries
 - 9 countries from other RMOs



MIRS/UL-FE/LMK, Ljubljana, 11-15 September 2023

Sustainability



EURAMET legal status

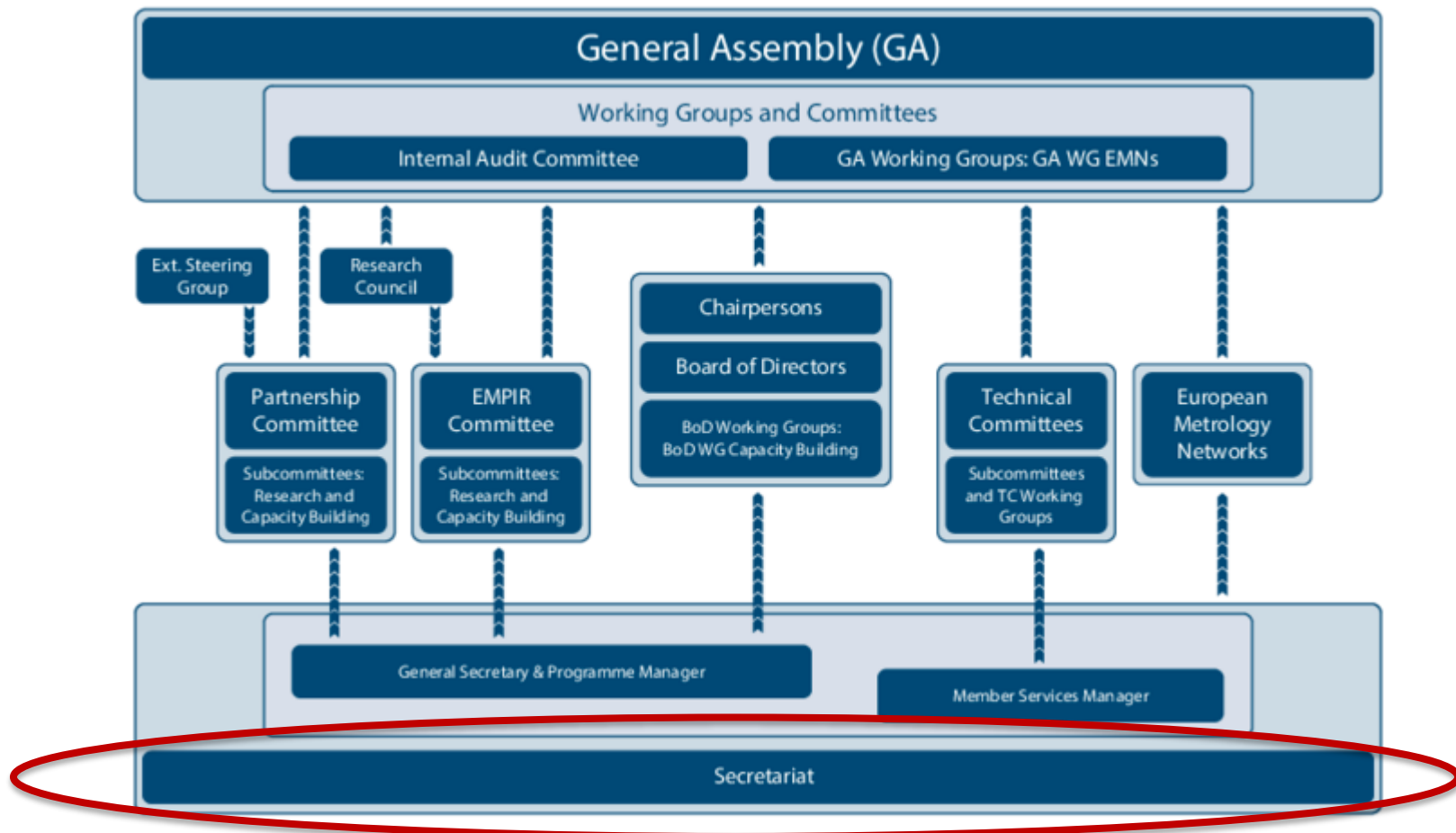


In 2007, to operate the European Metrology Research Program and to receive and spend funds from the European Commission, EUROMET needed to become a legal entity.

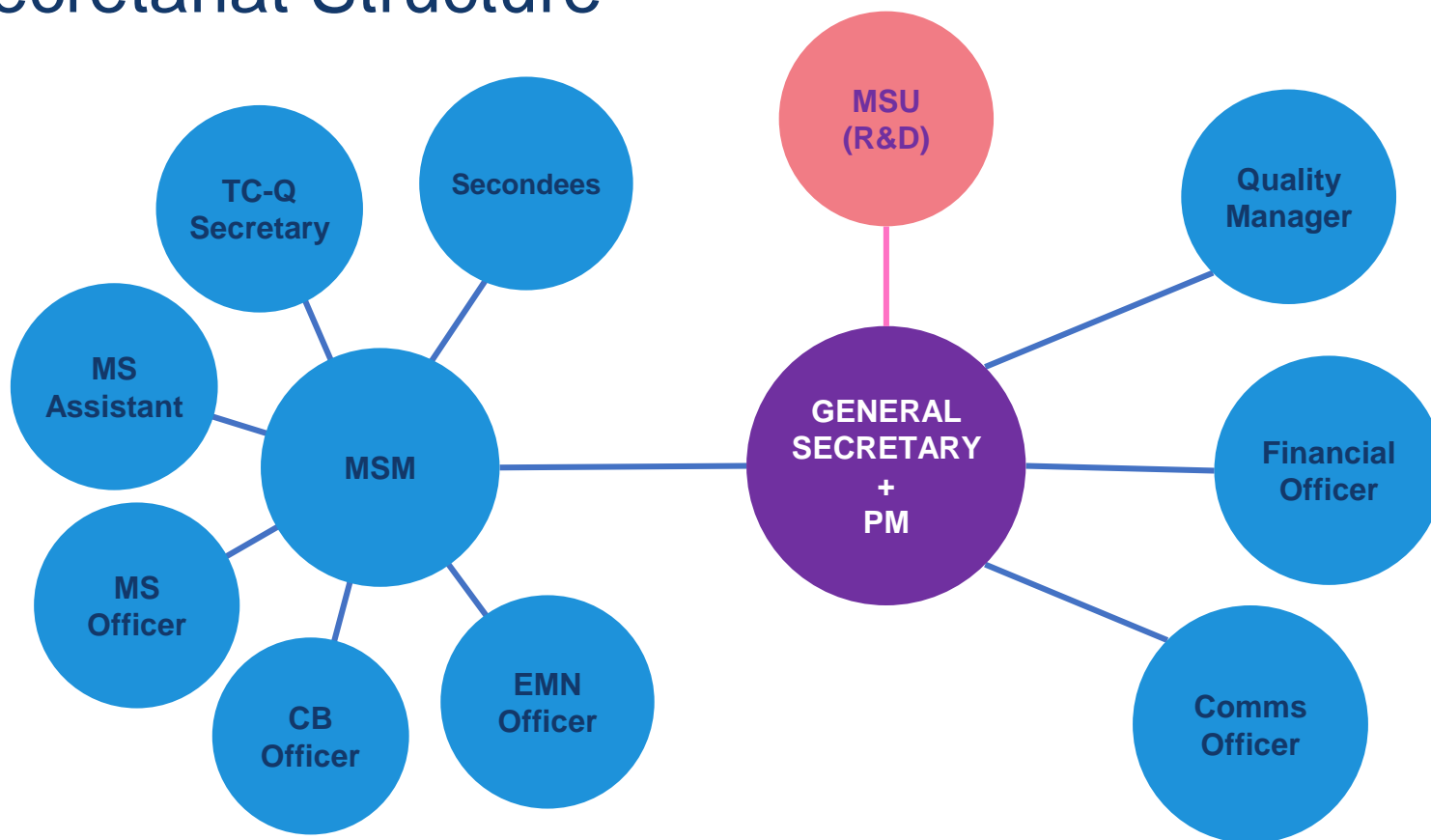
EURAMET was born as an association of public utility under German law able to both, operate the metrology research programmes and the other purposes of EUROMET as the European RMO.



EURAMET Structure



Secretariat Structure



The **Secretariat** is financed by the **Membership fees**. Tasks of the Secretariat concerning the metrology research programmes are financed by contributions of the research programme Members. The **MSU** is subcontracted and financed by the **contributions of the research program members**.

EURAMET projects



- a) Comparisons:** Comparisons can be Key Comparisons (KC), Supplementary Comparisons (SC) or Pilot Studies.
- b) Consultation:** knowledge transfer activities between EURAMET members. This project type comprises, among others, direct consultation among NMIs/DIs, expert meetings, training courses and workshops, peer reviews of Quality Management Systems within TC-Q, studies, preparation of guidance documents, drafting and revision of calibration guides.
- c) Cooperation in Research:** research projects between EURAMET members, which are not funded by the European Metrology Research Programmes.
- d) Traceability:** Documentation of agreements between EURAMET members (formal or informal) for provision of metrological traceability.

The activities of the EURAMET members in these projects are funded by the members themselves. The EURAMET Secretariat:

- register new projects, register changes and progress of existing projects in the TC project database;
- consult coordinator and TC Chair in case of open questions, missing information and observed inconsistencies....

The European Partnership on Metrology



Objective: to provide effective metrological solutions to technological and societal challenges, as well as increase collaborative research between industry and academia

- A robust, **sustainable, excellent and coordinated** European Metrology Infrastructure
- To ensure state-of-the-art metrology R&D taken up by **innovators**
- **To increase impact** of metrology (industry, Society..)
- **Address** European and **global challenges**, including:
 - European Green Deal
 - European industry strategy, KET, digital transition
 - Better Health for All



The **Management Support Unit** is subcontracted and responsible for running the EPM. It is financed by the **contributions of the research program members**.

The budget for EURAMET member services is agreed by the General Assembly (GA) each year including the total contributions expected from the members.

The fees for individual Members and Associates are determined by the GA in terms of:

- a. A **unit charge** as a basis for the charge to Members, Corresponding Applicants (A-CA) and Associates with an observer in the GA (A-GA)
 - a. Members are then charged the unit charge times the factor for their country (based on the UN coefficient)
 - b. A-CA and A-GA are charged 0.5 times the unit charge, times the factor for their country
- c. A **common fee** to be charged to all **Associate Designated Institutes**, independent of their country

Questions?

