



MISSION AND VISION STATEMENT

The Metrology partnership will bring together the measurement science community and stakeholders to deliver on global challenges, including health and climate, support the European Green Deal, and underpin innovation in industry through collaborative research.

The Metrology partnership aims to support accelerating the transition towards a green, climate neutral and digital Europe, as well as strengthen the resilience, competitiveness, and economic growth of European industry.

The Metrology partnership's goals include the development of an excellent and coordinated metrology system at the European level, helping to bridge the investment gap between Europe and its global competitors. This involves the establishment of European metrology networks in highly competitive areas and engagement with stakeholders to ensure state-of-the-art metrology capabilities are widely taken up by innovators. Increasing and coordinating the role of metrology in the design and implementation of regulation and standardisation aims at fostering evidence-based decision making and underpinning public policies.

KEY FACTS AND FIGURES

Horizon Europe Pillar and Cluster: Pillar II – Cluster 4: Digital, industry and space

Type of partnership: Institutionalised (Art 185 TFEU)

Coordinating entity: EURAMET e.V.

Total estimated budget: EUR 687 m

EU commitments: EUR 300 m

Partners' commitments: EUR 387 m

Predecessor under Horizon 2020: The partnership builds on the progress achieved under the European Metrology Research Programmes.

FIND OUT MORE

www.euramet.org

www.euramet.org/partnership

www.metpart.eu

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PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

Not available

PARTNERSHIP'S KEY PERFORMANCE INDICATORS

Data not available

KPI NAME	UNIT OF MEASUREMENT	BASELINE	TARGET 2023	TARGET 2025	TARGET 2027	AMBITION >2027
RESOURCES (INPUT), PROCESSES AND ACTIVITIES						
OUTCOMES						
IMPACTS						

A working group has been set up in February 2022 that is developing a robust monitoring framework for the Metrology partnership, in line with its strategic research and innovation agenda. It is expected to be published on the partnership's website in June 2022.

SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES

Metrology is a cross-cutting discipline, and EURAMET and the Metrology partnership therefore foster strong collaboration between other partnerships, programmes and initiatives to serve stakeholders and their needs.

Below are a few examples of such collaborations

METROLOGY FOR DIGITAL TRANSFORMATION

In a joint open consultation event in November 2021, stakeholders in the digital field shared their visions on the digital transformation and related measurement science needs with Europe's metrology community.

EURAMET's European partners involved included: the European Factories of the Future Research Association (EFFRA) and the Made in Europe partnership, the Artificial Intelligence, Data and Robotics Association (represented by Adra), the European Open Science Cloud (EOSC) and the International Data Spaces Association (IDSA).

Discussions ranged on topics from the role of data quality for industry and science and sensor networks in industry, to how to support quality and confidence in AI.

The feedback from partners and stakeholders and the [outcomes of the panel discussion](#), helped guide the development of the 2022 call for needs related to Metrology support for digital transformation within the European Partnership on Metrology.

[Read more >>](#)

METROLOGY FOR CLEAN HYDROGEN

Representatives of EURAMET and the Metrology partnership have been [appointed as members of the Clean Hydrogen partnership's Stakeholder Group](#) at the beginning of 2022. The 13 members of the stakeholder group' were selected from more than 60 applications. The group will serve as an advisory body for the Clean Hydrogen Joint Undertaking, which will provide input on the strategic and technological priorities to be addressed by Clean Hydrogen.

Concrete synergies include discussions on possible research topics between EURAMET's [European Metrology Network for Energy Gases](#) and Hydrogen Europe and Hydrogen Europe Research.

METROLOGY FOR QUANTUM TECHNOLOGIES

To ensure close cooperation and foster synergies there are several links between the Metrology Partnership and the EU's Quantum Technologies Flagship initiative.

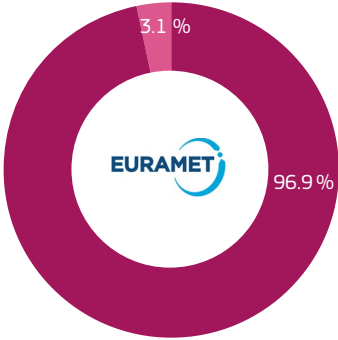
A representative of EURAMET's [European Metrology Network for Quantum Technologies](#) is member of the flagship's strategic research agenda working group and representatives of the flagship are members of the EURAMET network's stakeholder council.

A framework partnership agreement details the collaboration of both communities and their members' involvement in calls and projects.



OVERVIEW OF MEMBERS

MEMBERS PER TYPE



- UNIVERSITY** University and other higher education organisations
- RESEARCH** Public research organisation (including international research organisation as well as private research organisation controlled by a public authority)

GEOGRAPHICAL COVERAGE

