

**European Partnership on Metrology  
Work Programme – Call Scope  
Metrology support for Regulation and Standards  
(2021)**



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A wide variety of industry needs to access facilities that enable it to test, validate, and ensure compliance with regulation. The National Metrology Institutes were originally established to provide this infrastructure. Within the EU, European Standards and accreditation are key to providing public confidence that measurements made in support of regulation can be relied upon.

This framework sets the context for the call “Metrology support for Regulation and Standards” in 2021. The European Partnership on Metrology aims at comprehensive, sustainable contributions in this area by mobilising, pooling and developing the European metrology capabilities.

Potential Research Topics (PRTs) submitted in response to this call should describe research and development needs for metrology solutions required for standardisation, regulation and conformity assessment. Proposed topics should address one of the following strands:

1. Specific documented demands of European and international Standards Developing Organisations (SDOs) for metrological research in any area. Proposals may address the development of traceable measurement methods or the provision of validated data sets, which are required for documentary standards. The demand for the research shall be demonstrated by clear reference to the measurement needs within strategic documents published by the SDO (Technical Committee(s) (TCs) or Working Group(s), (WGs), (e.g. in the Business Plans or Work Programmes) or by a letter signed by the convenor of the respective TC/WG). Proposals in this strand are expected to address actual standardisation development work.
2. The metrological background of EU regulation, by either responding to documented requirements or by exploring the background and feasibility of expected possible future regulation. Proposals may address the development of traceable measurement methods or the provision of validated data sets, which are required for these purposes.

For both strands it is expected that projects selected for funding will have fewer partners and lower eligible costs than Joint Research Projects selected under other calls.

EURAMET encourages proposals that include representatives from industry, regulators and standardisation bodies for their active participation in the projects, specifically to ensure that the project outputs are acknowledged by the SDO TC/WG or regulatory authority. EURAMET would welcome proposals reflecting standardisation needs related to pan European research initiatives (such as the Quantum Flagship or the Graphene Flagship).

EURAMET wishes to generate benefit for European and international SDOs whilst exploiting the unique capabilities of its member National Metrology Institutes and Designated Institutes. This call is intended to enable and promote collaborative research going beyond the state of the art and strengthen the mutual cooperation of European NMIs, leading to coordinated European metrology infrastructures where appropriate.