

EMPIR Work Programme

Call Scope – Metrology for Pre- and Co-normative Research (2020)

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The overall strategic aim of the Targeted Programme (TP) “Pre- and co-normative research” is to develop metrological methods and techniques 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 convener of the respective TC/WG).

Proposals in this strand are expected to be mostly "co-normative" in nature, i.e. addressing actual standardisation development work. It is expected that projects selected for funding will have fewer partners and lower eligible costs than Joint Research Projects selected under other TP calls (e.g. industry, health, energy or environment).

2. Specific documented demands of European Regulators and Conformity Assessment bodies 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 these purposes. It is expected that projects selected for funding will have fewer partners and lower eligible costs than Joint Research Projects selected under other TP calls (e.g. industry, health, energy or environment).

For both strands, 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 Quantum Technologies, particularly those emerging from projects supported by the Quantum Flagship (<https://qt.eu>).

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 TP will enable and promote collaborative research going beyond the state of the art. As with all other TP's under EMPIR, this TP shall strengthen the mutual cooperation of European NMIs, leading to coordinated European metrology infrastructures where appropriate.