


EMPIR support for European Metrology Networks in 2018

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Characteristics of EMNs

European metrology networks:

- cover an area of major strategic importance, with European dimension;
- consist of a core network of NMIs/DIs with a clear commitment to contribute to the network;
- establish close links to a wider stakeholder community;
- strive for scientific excellence;
- plan the activities based on a strategic agenda;
- establish a knowledge, technology transfer and promotion plan;
- plan for sustainable structures;
- develop common infrastructure if needed.

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EMNs proposed to GA 2018



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JNPs selected in EMPIR call 2018



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EMNs and JNPs



- EMNs are governed by the Memorandum of Understanding negotiated by the Euramet members committing the resources. They are led by the “Chair”. They are approved by the GA. They last indefinitely.

- JNPs are “coordination and support actions” (CSAs) proposed by a group of internal funded partners, and selected by the referees and EMPIR Committee. They are managed by the “Coordinator”. They last until the end of EMPIR.

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CSA Pilot in EMPIR



- Call in 2018 with a “**Coordination and Support Action**” scope:
Networks of competence
 - Funding of networking activities only – research activities ineligible
 - Duration 5 years – the remainder of EMPIR
 - Maximum project size – 500 k€
 - 3 or 4 networks likely to receive funding
 - The partners in the project are the individual institutions – not the network itself.

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Scope



The EU intends that EMPIR will make a significant contribution to economic growth in Europe and has set targets both in terms of increased turnover in European companies and the interaction between the metrology and standardisation communities.

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Scope



While the Joint Research Projects support this contribution during their lifetime, in some areas there is a need for a long term ongoing dialogue between the metrology community and relevant stakeholders. This dialogue should support the take-up of research outputs from the metrology community and the collection of needs from industry to inform future research. Joint Network Projects (JNPs) will fund activities enabling the development of organisations that support this dialogue.

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Scope



Such activities may include:

- Foresight and common vision
- Developing a Strategic Research Agenda
- Knowledge sharing amongst researchers
- Mobility and training of researchers
- Planning the development of shared Research Infrastructures
- Stakeholder involvement
- Dissemination of research results
- Widening Participation (activities related to extending cooperation with less active EU countries)
- Internationalisation (activities related to extending cooperation to third / non-EU countries)

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Scope



JNPs are coordination and support actions. Research and development activities are not eligible to be funded in JNPs, instead JNPs have a clear focus on networking activities. It is expected that these challenges would be successfully addressed within a typical timeframe of up to 5 years and with a budget in the region of 400 k€.

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Scope



JNPs should be based on an existing organisation with the long-term aim of promoting the dialogue or plan to establish such an organisation. Measures in the proposal to support the long-term sustainability of this organisation will be a key aspect of the evaluation.

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Making the case for a JNP in EMPIR



Stage 1 – Potential Network Topic (PNT)

- Need for Topic - Metrology question, relevance for society, progress beyond SoA
- Objectives of Potential Network e.g.
 - Development of a common SRA to be used as the basis for seeking joint research funding from H2020, EMPIR and other sources
 - Development of joint capabilities, sharing existing infrastructure, planning new infrastructure, using the profile of the network to enable members to recruit excellent researchers.
 - Joint KT and TT activities focused on the stakeholders
- Benefits – what added value is created by EMN cooperation?
- Co-authors should include
 - EURAMET members likely to make a commitment of resources to the network
 - Stakeholders – non members expecting to benefit from the activities of the network

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Making the case for a JNP in EMPIR



- Guide 2 has been updated and gives examples of how to complete the PNT template.
(https://msu.euramet.org/downloads/documents/Guide_2_Submitting_PRTs_or_PNTs.pdf)
- The PNT template is “Template 10”
<https://msu.euramet.org/downloads/documents/Template%2010%20PNT%20template.docx>

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Making the case for a JNP in the call



Stage 2 – JNP proposal

- Excellence
 - Metrology question, relevance for society, SoA
 - Meeting the objectives defined in the SRT
 - Additional and long-term structural goals of the network and participating institutes
 - Commitment to pool and coordinate national resources
- Impact
 - Achievement of critical mass (to make the network an effective European Centre) and added value created by EMN cooperation. Intended contributions from the national programmes (beyond the cofunding). Any contributions from structural funds?
 - KT and TT plans
- Implementation
 - Structure of the network including legal form
 - Organisation and Governance
 - Sustainability plan – how will the network be continued after the 5 years funded by EMPIR?

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Making the case for a JNP in EMPIR



- Guides 4, 5, 6 and 8 will be updated and published before the launch of Stage 2.
- JNPs will have their own template based on the JRP template.

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Evaluation



- Criteria are those of a standard CSA – ie those we use on the SIP evaluation form, but
- Weighting will be different:
 - Excellence 1.5
 - Impact 1.25
 - Implementation 1.25
- Proposers will meet the referees at a Review Conference.

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Timetable



- Stage 1 call opens 10th January, Closes 19th February
- Stage 2 call opens 14th June, Closes 1st October
- Preliminary results announced 27th November 2018
- Contracts start around May 2019.