

Creating a Joint Research Project for EMPIR

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Slides by
EURAMET Secretariat

Outline



- What EMPIR wants...
- Forming your consortium...
- Writing your proposal...
- Costing your proposal...
- How your proposal will be evaluated...

What the EMPIR wants...



- High quality, joint R&D amongst the metrology community in Europe
 - Addressing **explicit** stakeholder needs
 - Accelerating innovation and competitiveness
 - Reduced duplication, increased impact
 - Integration of the national metrology programmes
 - Involving researchers and organisations other than the NMIs and DIs
 - Contributing to Standards and EU Regulation

Boost industrial uptake and improve standardisation

- At least 400 M€ of European turnover from new or significantly improved products and services that can be attributed to the research activities of EMPIR and its predecessors
- At least 60 % of CEN/CENELEC /ISO/IEC Technical Committees and equivalent standardisation bodies with potential to benefit directly from EMPIR projects to engage with the programme

Forming your consortium...



- Your consortium needs a vision of how EURAMET members can best respond to the needs identified in the SRT. This will emerge in discussion. Don't start from what you want to do, but from what the stakeholder need is.
- Can you involve the stakeholders in your consortium? If not as partners delivering part of the content - then as collaborators offering guidance during the project.

Forming your consortium...



- You will identify technical leaders that will take responsibility for individual work packages, including the “impact” work package that will be key to the success of your proposal.
- The person in your group with the clearest understanding of the need and the best links to the stakeholders may be the best person to lead the impact work package and present the project at the Review Conference.

Forming your consortium...



- Finally, please elect a coordinator. This need not be one of the technical leaders.
- The coordinator is responsible for:
 - Project management of the bid and the project,
 - Compiling the proposal and the costing information,
 - Communication within the consortium and with EURAMET,
 - Negotiating contracts, and
 - Technical and financial reporting for the life of the project.
- Selecting someone with appropriate experience and skills will increase the chance of your project being funded and certainly make delivery of the project more efficient for all.

Writing your proposal...



- The JRP should:
 - Address the SRT – do research, not routine work or transfer of expertise
 - Be scientifically excellent, and progress work beyond the current state-of-the-art
 - Create impact
 - Have valid contributions from all partners
 - Not duplicate work between partners (unless there is a strong valid reason)
- Detailed guidance and templates can be found at msu.euramet.org

Costing your proposal... The Principle...



- When a consortium submits a protocol and datasheet they are effectively agreeing that that the work described can be delivered by the contracted parties for the resources and costs indicated (and not just that they are willing to deliver it for the price (i.e. the level of funding) indicated).
- Essentially – **DON'T HIDE COSTS or ORGANISATIONS** - detailed guidance and templates can be found at msu.euramet.org.

Costing your proposal...

“Domestic Rules”



- Coordinators should not extend their domestic rules on project costing (eg whether T&S, consumables etc are included in the overhead, value of the person month rate) to the other funded partners.
- Organisations should be consistent in their costing approach across all JRPs – the JRPs will therefore not be consistent across all funded partners.

Open access to scientific publications



- Each beneficiary must ensure open access (free of charge, online access for any user) to all peer-reviewed scientific publications relating to its results.
- In particular, it must:
 - as soon as possible and at the latest on publication, deposit a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications
 - ensure open access to the deposited publication — via the repository — at the latest:
 - on publication, if an electronic version is available for free via the publisher, or
 - within six months of publication in any other case.



- For EMPIR call 2017 onwards, the Grant Agreement will contain conditions related to open access to research data.
- Projects that 'opt-in' will be required to prepare a Data Management Plan (DMP) to detail the data that the project will generate, how it will be exploited and made accessible for verification and re-use, and how it will be selected, managed and preserved in repositories.
- If projects 'opt-in' to having a DMP they will not be required to open up all of their research data. The DMP applies primarily to the data needed to validate the results presented in scientific publications.

Costing your proposal...



- All internal funded partners must take note of their country's national commitment across all JRPs – the TP Facilitators will monitor this...
 - BUT there is no 'pre-defined share' of an individual JRP for any internal funded partner
 - A country with a small national commitment may play a significant part in an individual JRP whilst for example a 'larger country' may make a small contribution to the JRP
 - The TP Facilitators will monitor the external participation as if it were an additional single country.

How your proposal will be evaluated...



Scientific and/or technological excellence

- To the extent that the proposed work corresponds to the SRT:
 - Clarity and pertinence of the objectives
 - Soundness of the concept, and credibility of the proposed methodology;
 - Extent that the proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models);
 - Appropriate consideration of interdisciplinary approaches and, where relevant, use of stakeholder knowledge.

How your proposal will be evaluated...



Potential output and impact from the project results

The extent to which the project outputs contribute at the European/International level to:

- The expected impacts listed in the SRT
- Enhancing innovation capacity, creating new market opportunities and strengthening the competitiveness and growth of companies
- Address issues related to climate change or the environment, or bring other important benefits for society;

How your proposal will be evaluated...



The quality of the proposed measures to:

- Exploit and disseminate the project results (including management of IPR), and to manage research data where relevant.
- Communicate the project activities to different target audiences

The extent to which relevant stakeholders as identified in the call scope :

- have their needs explained and addressed
- are actively engaged
- are able to access the project's results

How your proposal will be evaluated...



The quality and efficiency of the implementation

- Quality and effectiveness of the proposed work, including extent to which the resources assigned to work packages are in line with their objectives and deliverables;
- Appropriateness of the management structures and procedures, including risk and innovation management;
- Complementarity of the participants within the consortium;
- Appropriateness of the allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.