




Creating a Joint Research Project for EMPIR

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WARNING



- This presentation is not a substitute for reading the guides at msu.euramet.org/downloads...
 - Guide 1: Admissibility and eligibility
 - Guide 2: How to write a PRT
 - Guide 4: How to write a JRP
 - Guide 5: Project Administrative Data
 - Guide 6: Evaluation
 - Guide 7: How to write a SIP
- or studying the Annotated Model Grant Agreement

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Outline



- What EMPIR wants...
- Forming your consortium...
- Writing your proposal...
- Costing your proposal...
- How your proposal will be evaluated...
- The timetable for the rest of 2017

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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 Directives

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EMPIR Objectives



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

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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.

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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.

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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.

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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

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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.

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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.

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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.

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Data management



- 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.

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Costing your proposal... expected size



- JRP's selected at Stage 2 are likely to have total eligible costs of:
 - Approximately 15.6 M€ for TP "FUN"
 - Approximately 24.3 M€ for TP "IND"
 - Approximately 4.8 M€ for TP "NRM"
 - Approximately 2.3 M€ for TP "RPT"

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Costing your proposal... expected size



- The absolute maximum eligible costs for any individual IND or FUN JRP will be 1.8 M€.
- For NRM the figure is 0.8 M€ except n01, n03, and n05 which are 1.5 M€.
- For Research Potential JRPs the maximum is 0.5 M€ and minimum 0.1 M€.
- Further guidance is given in each SRT.
- The target external participation is 40 % in FUN, 30 % in IND, 30 % in NRM and 10 % in Research Potential.

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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.

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Strategic Priorities



- EMPIR Committee members were each asked to nominate 2 SRTs that were key strategic priorities for their country. Coordinators are requested to seek the involvement of partners from these countries.
- The list of priorities is at http://msu.euramet.org/current_calls/documents/Strategic_priorities_Calls_2017.pdf

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Who are the TP Facilitators and what is their role?



- helen.margolis@npl.co.uk for TP FUN
- Ddelcampo@cem.minetur.es for TP IND
- Eveline.Domini@lne.fr for TP Normative
- Tanasko.Tasic@euramet.org for TP Research Potential
- paula.knee@npl.co.uk for SIPs
- Their role is to facilitate the process from the proposers side,
 - to collate information from the various proposers during the call period,
 - to enable the EMPIR Committee to ensure that the submissions take due recognisance of the national contribution profiles.

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How will this work?



- You must agree the resources you can commit to a JRP within your country – talk to your EMPIR committee member.
- Coordinators must register with the appropriate facilitator and keep them updated with the costs of their project by country as they develop.

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Costing your proposal...



- If during the development of the JRP proposal the overall cost of the JRP needs to be reduced, then activity, deliverables, resources and costs should be removed – not just cost. These changes should be agreed on a consensus basis by the consortium.
- If your organisation wants to increase their participation in the programme above their national commitment then it can take part in a JRP as an unfunded partner, but within any single JRP the partner must be either fully funded or unfunded.

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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.

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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;

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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

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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.

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The timetable for the rest of 2017



2 Oct	Deadline for submission of proposed JRPs
	Referees read proposed JRPs
7 -16 Nov	Review Conference - <i>JRP representatives present posters</i> - <i>Informal questions from referees at poster session</i> - <i>Formal Q&A between referees and JRP representatives</i> - <i>Referees meet privately to mark proposals</i> - <i>Referees inform EURAMET of their markings and 'ranked list'</i>
Late Nov	EMRP-MSU collate outcomes from Review Conference,
End Nov	EMPIR Committee approve ranked list and agree JRPs to be funded
Dec	Selected JRPs undergo independent external ethics review
9 Jan 2018	Formal confirmation of successful JRPs and referee feedback
April - July 2018	JRPs start (after contracts agreed)

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Further Information



- Remember to register your interest in a particular SRT on msu.euramet.org in "connections" so that others can find you.
- For forms and guidance documentation go to msu.euramet.org
- helpline email msu@npl.co.uk
- helpline phone +44 20 8943 6666

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