

# EMRP Call 2007

26 May 2007

An informal briefing  
for institutes considering submitting  
*Expressions of Interest*

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# This briefing

This presentation can be used as a slide show only, however as it also includes narration, you will need earphones or speakers to get the most from the briefing.

Hyperlinks to some documentation related to the Call are included within this presentation and are shown thus;

[EMRP Call 2007](#)

# EMRP Call 2007 – Introduction

- This presentation provides an informal overview for those considering submitting Expressions of Interest in response to the [EMRP Call 2007](#)
- The Call is launched by EURAMET e.V. with the support of the national metrology systems from the participating countries, and the support of the European Commission through the ERA-NET Plus mechanism.
- The expected value of the eventual Joint Research Projects is at least 63 M€:
  - 2/3<sup>rds</sup> funded from the national resource and
  - 1/3<sup>rd</sup> funded by the European Commission.

# Caveat

Please note that:

- Submission of an EoI does not bind the submitter nor EURAMET e.V. to further negotiations, and EURAMET e.V reserves the right to cancel all or part of the Call.
- The second stage of the Call and selection process is dependent on funding being secured from the EC.
- EURAMET e. V. will make no payment and no reimbursement of expenses related to the preparation of any Expression of Interest or the preparation of any subsequent Joint Research Project.
- The formal processes and obligations are defined in the Call documents, which, in the event of conflicting information, take precedence over this presentation.

# Background – iMERA

## iMERA

### Implementing the Metrology European Research Area



A European Commission “ERA-NET”  
Coordinating Action

- Consortium
  - 20 partners from 14 countries
  - 14 NMIs, plus JRC-IRMM
  - 5 Ministries as formal partners
  - 3 Years duration
  - Start date 1<sup>st</sup> April 2005

Countries with an R&D programme in  
metrology

# Background – iMERA work programme

- The iMERA work programme is organised into work packages with 37 different tasks that address increasing levels of integration and organised into the following broad themes:
  - Research
  - Supplementary actions
  - Funding and structures
  - Plus Management and Governance

# Background – Joint R&D programme

- The iMERA project facilitated the three key elements to enable the joint R&D actions in metrology through a common process:
  - The creation in January 2007 of a suitable “not for profit” legal entity: EURAMET e.V.
  - The development of the European Metrology Research Programme – the [EMRP](#)
  - The development of the funding and resource stream

# EMRP Call 2007 – Concepts

A two stage Call and selection process:

- Stage 1: based around the Expressions of Interest (EoIs)
  - National filtering of ideas ensuring that only those ideas of appropriate quality and able to attract the necessary national resources are carried through to the second stage
- Stage 2: based around the Joint Research Projects (JRPs)
  - A competitive pan-European process with independently refereed evaluation resulting in a single list of collaborative Joint Research Projects

# EMRP Call 2007 – Eligibility

In the words of the Commission:

*“The aim will be to launch and implement a cohesive joint metrology R&D programme integrating a number of national programmes, which will enable Europe to respond to the growing demands for cutting-edge metrology as a tool for innovation, supporting scientific research and policy. The initiative will support, in particular, the objectives of the European National Measurement Systems delivered via the National Metrology Laboratory networks.”*

- The countries and type of institutes able to submit EoIs are defined in the [Eligibility Criteria](#)

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Note that a number of countries who are not members of the original iMERA project have joined the ERA-NET Plus

- The countries and type of institutes able to submit EoIs are defined in the [Eligibility Criteria](#)

# EMRP Call 2007 – Call Scope

- The Call for Expressions of Interest opens four Targeted Programme areas (TPs) only of the 2007 Edition of the European Metrology Research Programme [EMRP](#):
  - TP1 ‘SI and Fundamental’
  - TP2 ‘Health’
  - TP3 ‘Length’
  - TP4 ‘Electricity and Magnetism’
- These areas are defined specifically in the [Call Scope](#)

- The current Call for Expressions of Interest is the first part of a 2 stage process that will lead to a final selection list of Joint Research Projects for at least 63 M€ of metrology R&D. The process is outlined in the [Background and Key Steps document](#)\*
- We shall consider the process in the following way
  - Preparation of the Eols
  - Development of the proposed JRPs
  - Evaluation of JRPs
  - Launching JRPs
  - Lifetime obligations

*\*Note minor changes to the process may still be made for operational reasons*

# EMRP Call 2007 – Preparing Eols

- The Eol enables eligible institutions to indicate the areas where they wish to collaborate in metrology R&D within the scope of the EMRP Call 2007. Submission of an Eol indicates that your institute satisfies and complies with all of the following criteria and has:
  - Appropriate and relevant capabilities.
  - The necessary national “in kind” matching funds (or can reasonably assume you will have by the likely start date of any resultant JRP).
  - A willingness to enter discussions regarding potential R&D collaborations.
  - Appropriate resources and authorities to engage in the joint research project elaboration process.
  - A single budget rate per researcher/month (including overhead).
  - Accepted and will commit to the practices, processes and obligations associated with the Call and Selection process.

# EMRP Call 2007 – Developing JRPs

Following the 6<sup>th</sup> July deadline the eligible Eols will be made available to all eligible submitting institutes (on a per TP basis)

- The nominated NMI-experts\* have a collective responsibility\*\* to:
  - Appoint a TP-coordinator for their TP, from amongst the NMI-experts.
  - If they so choose, agree a subset “TP drafting group” (the remaining members forming the “TP review group”)
  - Refine the Eols into a suite of draft JRPs that meet the strategic objectives of the TP using a template that will be provided
  - Estimate the cost (per partner and in total) per JRP
  - Appoint JRP-coordinators (responsible for leading the elaboration of each JRP)
- The TP-coordinator prepares a brief overview/summary of the proposed JRPs explaining the role of each of the JRPs and demonstrating how they meet the TP objectives

*\*NMI is used as a generic term and is intended to include any institution deemed eligible by the Call*

*\*\*The EMRP Guardian, Chairman and iMERA-Plus Coordination Team will be available for briefing if NMI-experts wish to meet on a TP basis during the development phase.*

# EMRP Call 2007 – Evaluating JRPs

Following submission of the proposed JRPs, the iMERA-Plus Coordination Team will:

- Carry out an eligibility check
- Collate the summary/overview, the associated proposed JRPs and the input Eols
- Provide the package electronically to the independent referees
  - who familiarise themselves with the contents and form a first opinion in preparation for the Review Conference.

# EMRP Call 2007 – Evaluating JRPs

## Review Conference (24<sup>th</sup> & 25<sup>th</sup> October 2007):

- An event that spans all four TPs and allows the referees to interrogate and discuss the proposed JRPs with the TP coordinators and JRP coordinators, and come to a consensus on the individual merit of each JRP.
- The event pivots around the referees but also involves:
  - TP-coordinators
  - JRP-coordinators
  - A subset of the the EMRP Committee led by the Chairman supported by the Deputy Chairman and the TP “Guardians”
  - iMERA Plus Coordination Team who will provide support for the event
- The output is a recommendation from the referees to the EMRP Committee regarding the proposed JRPs including:
  - A go/no go recommendation for each proposed JRP
  - A single ranked list spanning the 4 TPs

# EMRP Call 2007 – Post evaluation

After the Review Conference:

- The iMERA-Plus Coordination Team ensure that the final detailed costings follow the funding rules.
- The EMRP Committee establish the selection list based on the recommendations of the referees, taking into account the closing out of any outstanding comments from them and any impacts from the final detailed costing exercise.
- The “extended panel” (an independent referee sub-panel, consisting of one referee per TP) validate and endorse the selection list (if there are any changes or corrections).
- The Research Council reviews the Call and selection process, and the outcome, and provides an advisory opinion to EMRP Committee.
- The EMRP Committee finalise the list which, together with the Research Council opinion, is sent to the European Commission as the deliverable from the ERA-NET Plus. Proposers are also informed whether they have been successful or not.
- The Commission will indicate its acceptance of the list, which will be the “green light” for the launch phase the JRPs

# EMRP Call 2007 – Launching JRPs

Each JRP will be finalised through a negotiation phase:

- A standard contract will be drawn up between EURAMET e.V and the consortium delivering the project
- The contract will include some standard elements related to the Terms and Conditions:
  - Consortium agreement and IP policy
  - Financial Rules for cost eligibility
  - Auditing requirements
  - Reporting requirements

# EMRP Call 2007 – Lifetime

Obligations will run through the lifetime of the individual JRPs and the lifetime of the entire programme of activity, and will include:

- Reporting of progress, impact and costs
- Audit reports
- Staged payments
- Programme level impact and reporting

The lifetime costs for managing the Programme will be met by the participants.

# EMRP Call 2007 - Timeline

- The [EMRP Call 2007](#) for Expressions of Interest has a deadline of Friday, 6 July 2007
- The eligible Eols will be made available to the NMI-Experts as soon after the Call deadline as practical (on a per TP basis)
- The NMI-Experts form a group and formulate and coordinate the development of the JRPs. An EMRP guardian will facilitate this process.
- The deadline for submissions of the proposed JRPs is Sunday 30<sup>th</sup> September 2007
- The Review Conference will be held on 24<sup>th</sup> and 25<sup>th</sup> October 2007
- The EMRP Committee will meet on 26<sup>th</sup> October 2007
- The Research Council will provide their opinion by the end of November 2007

## EMRP Call 2007 – Timeline (cont)

- The post processing is expected to be complete such that the selection list can be submitted to the European Commission before the end of December 2007
- Individual project negotiations with EURAMET e.V are expected to take place in early 2008, with projects starting as soon as negotiations are complete and a contract signed.

# EMRP Call 2007 - Acknowledgements

EURAMET e.V. wish to acknowledge and thank:

- The participating countries
  - for supporting this Call with 42 M€ of national resource through the National Metrology Institute laboratory networks.
- The European Commission
  - for supporting this Call with 21 M€ through the ERA-NET Plus Coordinating and Support Action under the "Cooperation" Specific Programme of the 7th Framework Programme for Research and Technological Development (It should be noted that funding is subject to successfully completing the necessary processes to meet the European Commission requirements).

# FREQUENTLY ASKED QUESTIONS

- The now-deleted FAQ slides provided guidance for some Frequently Asked Questions related to the Expressions of Interest
- As the FAQs have been updated they have been removed from this presentation
- They are now all on the website at [www.emrponline.eu/docs/faq.pdf](http://www.emrponline.eu/docs/faq.pdf)

# Help!

## How can I get further help?

- Before contacting the EMRP Helpdesk, please ensure that you have read the documentation included in the [EMRP Call 2007](#) on the website at [www.emrponline.eu](http://www.emrponline.eu)
- Contact the EMRP Helpline by e-mail at [emrp@npl.co.uk](mailto:emrp@npl.co.uk) or by phone on +44 20 8943 6666.

# THANK YOU

*Andy Henson*