

EURAMET

Workshop on

EMPIR Research Potential Projects

7th Annual Meeting of the

Focus Group on Facilitating
National Metrology Infrastructure Development

HMI, Zagreb, Hrvatska 12 October 2014

Tanasko Tasić, CB-MS Officer
Wolfgang Schmid, Head of Secretariat
Janko Drnovšek, EURAMET Vice-chair (GA)

Outline

EURAMET

- Background and need for today's workshop
- Background of the Research Potential projects, Explanation of the nature of RPOT
- The European Metrology Programme for Innovation and Research (EMPIR), differences to EMRP
- Explanation of the call process
- Role of EURAMET Secretariat
- Role of FG – FNMID
- Role of Management and Support Unit (MSU)
- Rules of participation (finances, eligibility, internal/external partners... Explanation and Examples
- Lessons learned during the 2014 Call; Including members' questins
- Experience – preparation for 2014 Call
- Ideas for PRTs for EMPIR 2015 Call "Research Potential"
- Timetable of the 2015 call
- Discussion (during all agenda items)

Please distribute this information to your colleagues !!!!

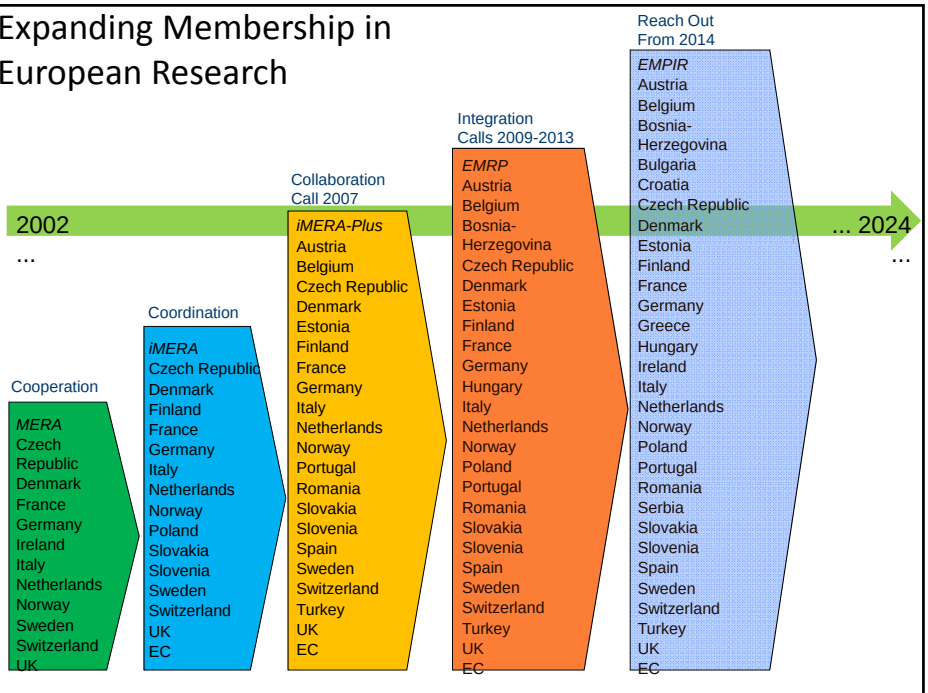
Background and need for today's workshop

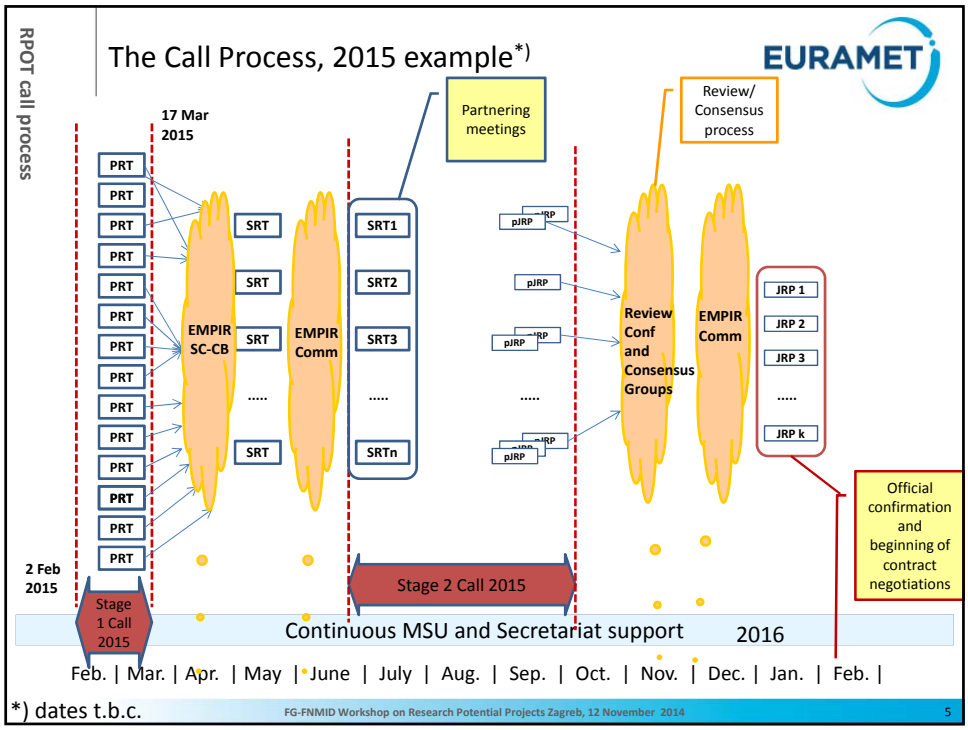
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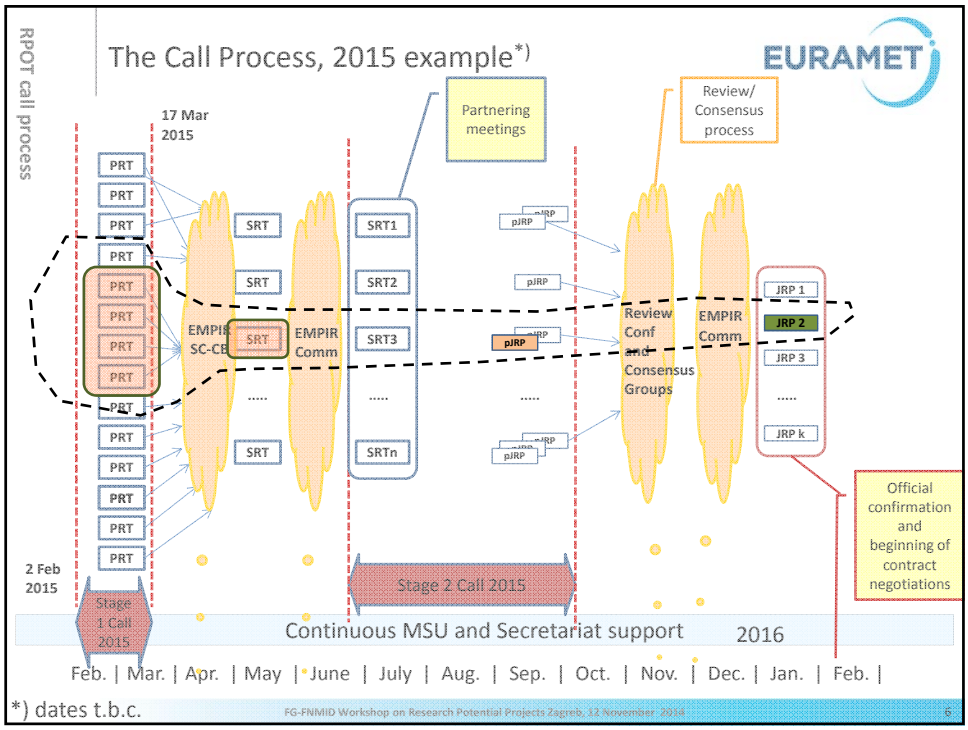
- **The 2014 RPOT Call was the first one**
- **It is almost at the decision stage**
- **This was the first call of this kind for whole EURAMET community (All EUREMET members but also for the Secretariat, MSU, EMPIR Commitee, SC-CB and in particular for some beneficiaries)**
- **We would lite to analyse available information and discuss this with you in order to better prepare for the future calls**
- **We would like to encourage more NMIs/DIs to participate in the next call**

Background and need for today's workshop

Expanding Membership in European Research

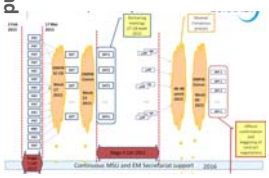



RPOT call process
The Call Process, 2015 example*)
EURAMET
17 Mar 2015
Partnering meetings
Review/ Consensus process
PRT
SRT
SRT1
SRT2
SRT3
SRTn
pJRP
EMPIR SC-CB
EMPIR Comm
Review Conf and Consensus Groups
EMPIR Comm
JRP 1
JRP 2
JRP 3
JRP k
Official confirmation and beginning of contract negotiations
2 Feb 2015
Stage 1 Call 2015
Stage 2 Call 2015
Continuous MSU and Secretariat support
2016
Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. |
*) dates t.b.c.
FG-FNMID Workshop on Research Potential Projects Zagreb, 12 November 2014
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RPOT call process and beyond

Project performance

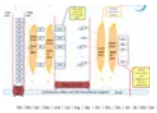


Project performance

2015 2016 2017 2018 2019

RPOT call process and beyond

Project results, impacts and sustainability



Impacts

Project performance

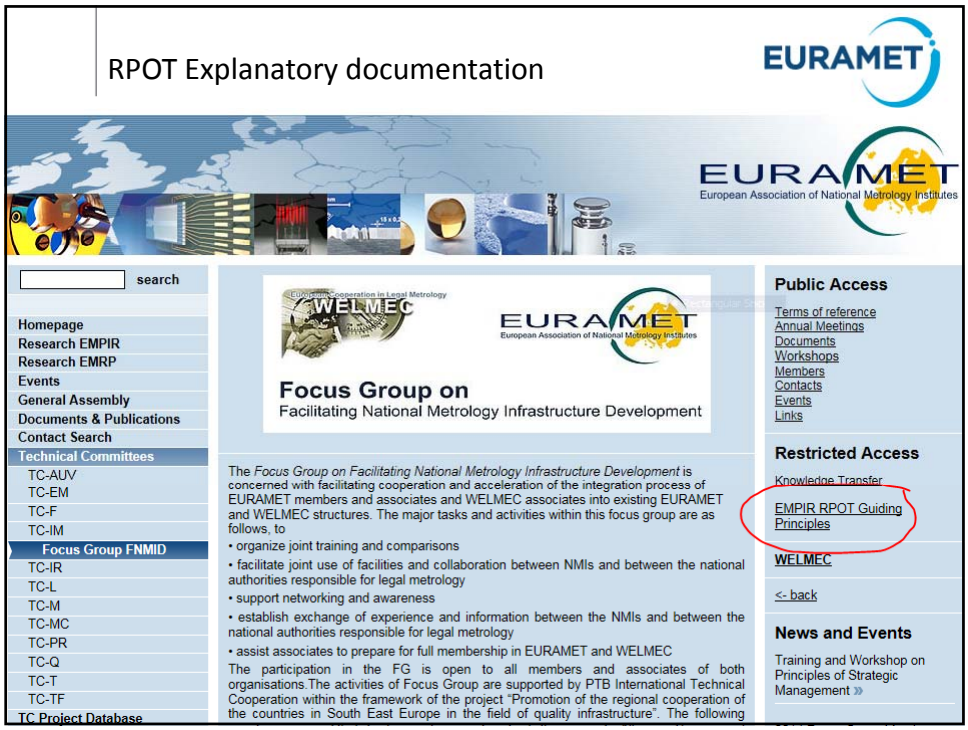
sustainability

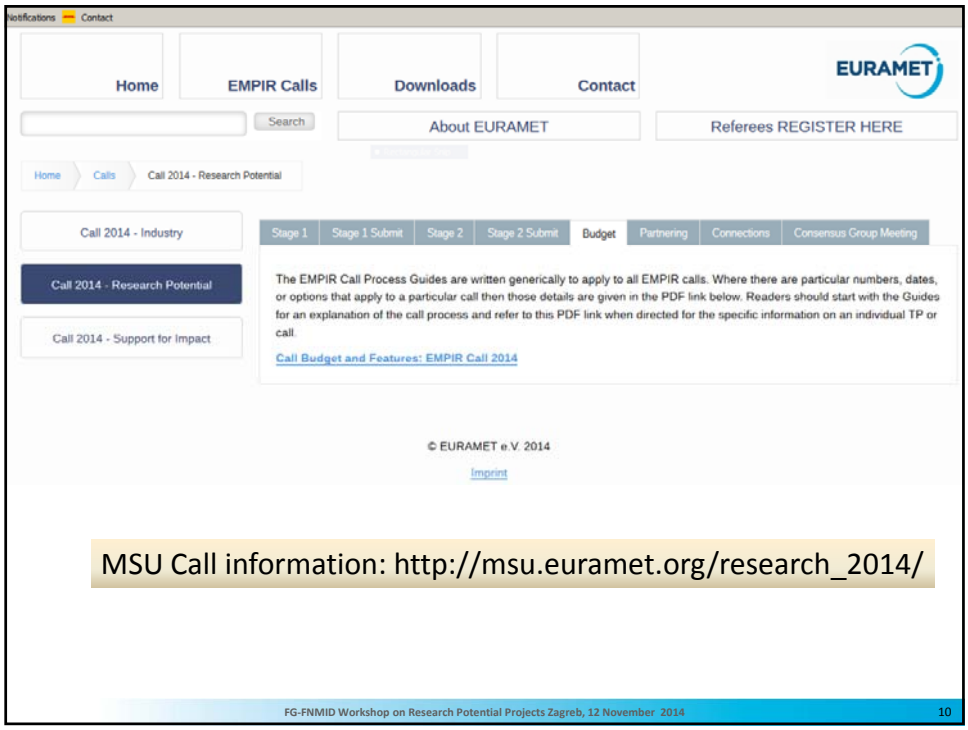
Results

Impacts

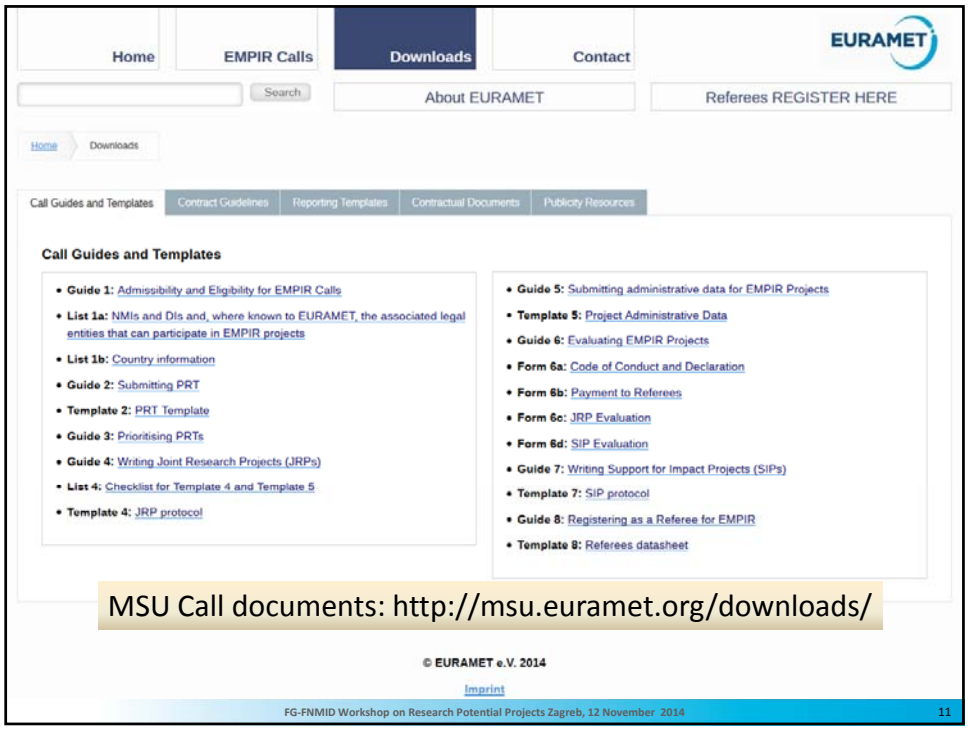
2015 2016 2017 2018 2019 2020 2021 2022.....

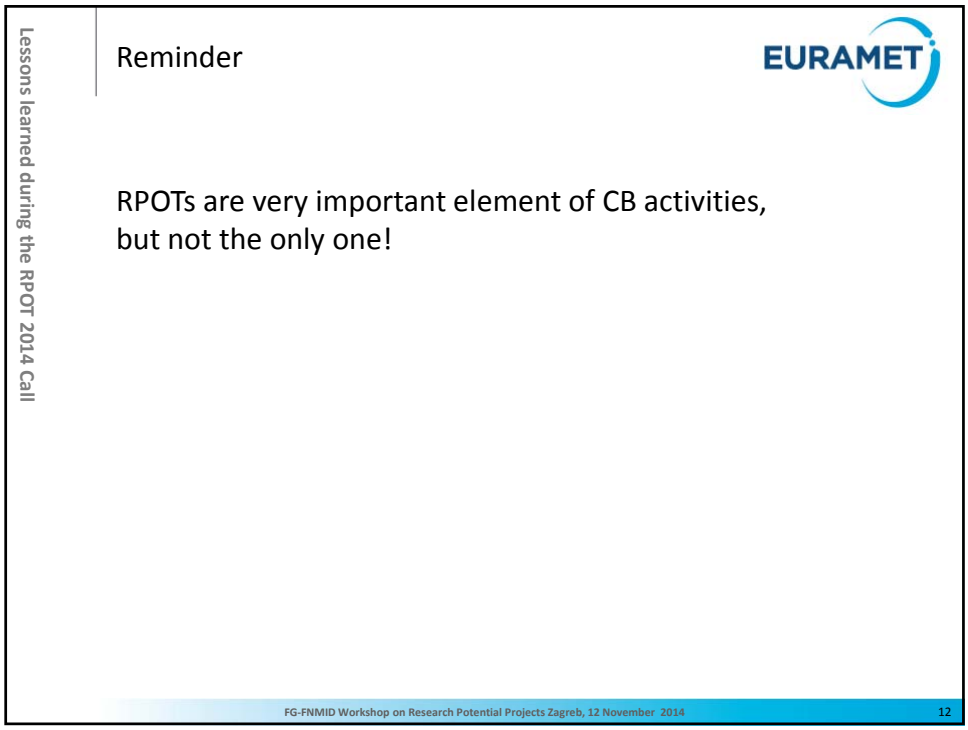
RPOT Explanatory documentation





MSU Call information: http://msu.euramet.org/research_2014/


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Referees REGISTER HERE
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Call Guides and Templates
Contract Guidelines
Reporting Templates
Contractual Documents
Publicity Resources
Call Guides and Templates
Guide 1: Admissibility and Eligibility for EMPIR Calls
List 1a: NMIs and DIs and, where known to EURAMET, the associated legal entities that can participate in EMPIR projects
List 1b: Country information
Guide 2: Submitting PRT
Template 2: PRT Template
Guide 3: Prioritising PRTs
Guide 4: Writing Joint Research Projects (JRPs)
List 4: Checklist for Template 4 and Template 5
Template 4: JRP protocol
Guide 5: Submitting administrative data for EMPIR Projects
Template 5: Project Administrative Data
Guide 6: Evaluating EMPIR Projects
Form 6a: Code of Conduct and Declaration
Form 6b: Payment to Referees
Form 6c: JRP Evaluation
Form 6d: SIP Evaluation
Guide 7: Writing Support for Impact Projects (SIPs)
Template 7: SIP protocol
Guide 8: Registering as a Referee for EMPIR
Template 8: Referees datasheet
MSU Call documents: http://msu.euramet.org/downloads/
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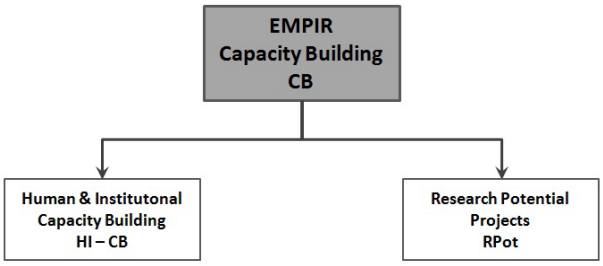

Lessons learned during the RPOT 2014 Call
Reminder
EURAMET
RPOTs are very important element of CB activities,
but not the only one!
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RPOTs are important element of CB activities

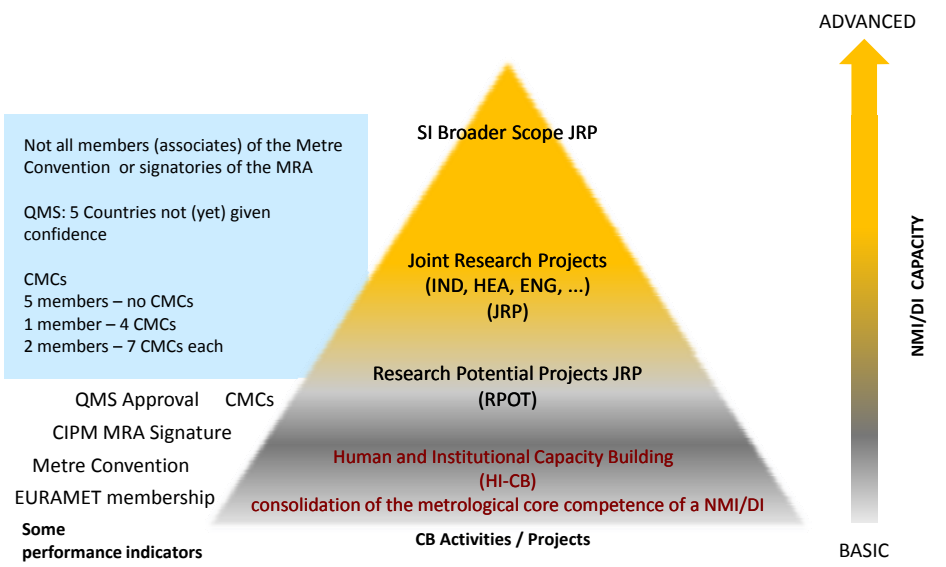
Based on the EMPIR proposal from 12 October 2012, and on discussions carried out at the BoD, the EMRP-Committee and the FG-FNMID since then, **Capacity Building** (CB) in EMPIR comprises:

Research Potential Projects (RPot):
JRP-type projects for the development of research capabilities in NMIs and DIs

Human & Institutional Capacity Building (HI-CB):
CB projects and activities for the consolidation of the metrological core competence of NMIs and DIs



Evolution of NMI Capacity



HI – CB supporting RPOT SRTs, JRPs

SRT r01 Towards the propagation of ac quantum voltage standard

SRT r02 Traceable calibration of dynamic weighing instruments

SRT r03 Absorbed dose in water and air

SRT r04 Developing traceable capabilities in thermal metrology

SRT r05 Traceable AFM measurement capability

	Event (training, workshop)	Organizer	Participants	Host	Timeframe
5.3	Implementation of MID, New Legislative Framework	WELMEC / IMBiH, DZM, HR	AL, BA, ME, RS, MT, IE, MK, KS	DZM	26 - 27 February 2014
2.5	Follow-up hand-on training on AC/DC current and resistance	EIM	ME, RS, BA, MK, KO	EIM	7-11 April 2014
4.2-4.5	Training and Workshop on Principles of Awareness-Raising, Communication and Public Relations	EURAMET / PTB	AL, BA, BE, DE, ES, IE, KS, ME, MK, PL, RS, TR, CN	PTB	17-18 September 2014
2.14	Training on Humidity Metrology	UME / PTB	AL, BA, MK, SR, KS, GE	UME	24-25 September 2014
	Workshop on RPOT (experiences and improvements)	EURAMET		DZM	12 November 2014
2.6	Follow-up workshop on the PT in chemistry (precious metals – Au, Ag, Pt) summarizing with evaluation of results	IMBiH / PTB	RS, BA, ME, PL, HR	IMBiH	18-19 November 2014
1.2	Training / Workshop: Principles of Strategic Management	EURAMET / PTB		DMDM	4-5 December 2014
3.9 - prep	Workshop for Thermocouple and WTP Comparisons	EURAMET / UME PTB	BA, TR, KS, AL, MK, ME	UME	19-20 March 2015 Doodle stage
2.17	Mass calibration and dissemination training	EURAMET / UME		UME	Doodle stage

SRT r06 Developing metrology research potential in [country]

SRT r07 Traceability for time and frequency

SRT r08 Matrix reference materials for environmental analysis

SRTr09 Traceability for Humidity

RPOT 2015 Call Draft Timetable

- Stage 1 call 2 February to 17 March
- Partnering meetings 29 June to 8 July
- Stage 2 Call 23 June to 5 October

Please do consult MSU and EURAMET Secretariat!

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Thank you!