

Information on 2020 Call for Researcher Mobility Grants

EURAMET Capacity Building Officer (CBO)
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General information

The Researcher Mobility Grant (RMG) is a capacity building instrument which enables researchers from a EURAMET member or associate to join internal partners (NMIs or DIs only) in a running EMPIR project. The RMG researcher stays at the hosting institution for several months (1-18), performing research closely related to the EMPIR project (additional to the project objectives).

The RMG researchers might not always have the experience or knowledge of the EMPIR project they are applying to. However, this grant provides the platform for them to learn and develop as scientists, for their employing institutions to further their capacity in metrology and for the EMPIR project to enhance its research objectives.

RMG researchers will have the opportunity to build links with key metrology organisations, work with world leading scientists, produce joint papers and develop their own research skills. RMG researchers will receive several allowances (living allowance, travel allowance etc.) during their stay at the host institution. Allowances will be administered by the researcher's employing organisation.

2020 Call for Researcher Mobility Grants

This summer (**from 29 June to 1 September 2020**) the call for Researcher Mobility Grants will be launched for grants attached to running projects of EMPIR calls 2017, 2018 and 2019.

Starting in February 2020 the EURAMET Capacity Building Officer (CBO) will liaise with representatives of guestworking institutions, employing institutions (willing to send a researcher) and the actual researcher to discuss potential research topics for the advert.

The total financial volume foreseen for the 2020 RMG call is 250 000 EUR, which enables about 100 people-months for researchers' stay at guestworking institutions (e.g. 20 researchers receiving 5 months of mobility grant on average each).

Timetable:

- 30 April: interested researchers and guestworking institutions should send information to the EURAMET CBO;
- 30 May: research topics and timelines defined (for the adverts);
- 29 June to 1 Sep: the call is open (researchers have to apply);
- Oct to Dec 2020:
 - eligibility check of the proposals by MSU,
 - evaluation of the proposals by the referees,
 - evaluation of the proposals by the EMPIR projects consortia,
 - outcome of evaluations and results announced,
 - negotiation of the contracts (with the employers, the guestworking institutions and the researchers),
 - drafting the RMG contracts,
 - signature of the contracts.
- Beginning of 2021: earliest start of the RMGs.

Facilitator's role

The EURAMET Capacity Building Officer (CBO) is the facilitator of the call. The facilitator identifies EMPIR projects willing to host a researcher, identifies employing organisations willing to provide a researcher and negotiates a set of adverts that the MSU can use to launch the RMG Call. Applicants for an RMG must also confirm that their employer has agreed to support the application.

If your NMI/DI would like to send a researcher on a RMG, please send the CBO:

- name of the researcher,
- researcher's contact data (e-mail, phone contact),
- researcher's field of metrological specialisation,
- researcher's CV,
- your idea about research to be performed during the RMG stay,
- your idea about the duration of the stay in hosting institution,
- desired hosting project (at least your first impression, considering the list of active projects).

If your NMI / DI (internal partners in a running EMPIR project) is wishing to host a researcher, please inform the CBO.

All information should be collected by end of April 2020 as per the timetable above.

Eligibility for participation in RMGs

The summary of eligibility criteria is given in the following table. For more details, please see the section "Call related documents" below.

Researcher	<ol style="list-style-type: none"> 1. Holding the nationality of; A member state of the European Union; or Any other country, if the researcher can establish the right to work in the country of the guestworking organisation for the lifetime of the grant 2. Fluency in English is required (knowledge of the language of the guestworking organisation is an advantage) 3. Employed by their current "employing organisation" for the grant's duration
Proposed research	<ol style="list-style-type: none"> 1. Proposed work must be relevant to the associated JRP's objectives and must be additional to the JRP project 2. Proposed duration: 1-18 months (typically 6 months); and must end before, or at the same time as, the associated JRP 3. Proposed work must be undertaken entirely at the guestworking organisation(s)
Employing Organisation	NMI or a DI from an EU Member State and countries associated to Horizon 2020 (see list Ib)
Guestworking Organisation(s)	<ol style="list-style-type: none"> 1. Internal funded partners (NMIs or DIs) participating in the JRP 2. Located in a different country to the current Employing Organisation

Possible RMG hosting projects in the 2020 RMG Call

EMPIR call 2017		EMPIR call 2018		EMPIR call 2019	
IND	FUN	HLT	SIB	ENG	ENV
MIMAS	BeCOMe	METVES II	GeoMetre	Metro-PV	traceRadon
SmartCom	MetroMMC	AeroTox	Real-K	FutureEnergy	RemoteALPHA
LaVA	USOQS	SEPTIMET	<i>BxDiff</i>	MEFHYSTO	Infra-AUV
EMPRESS 2	SEQUOIA	UHDpulse	QuantumPascal	MetroHyVe 2	MAPP
MicroProbes	PhotoQuant	QUIERO	ROCIT	NanoWires	STELLAR
FutureGrid II	<i>SIQUST</i>	RaCHy	TiFOON	HEFMAG	MetClimVOC
DynPT	CC4C	MedalCare	GIQS	Met4Wind	Met4ClimOS
AdvanCT	TOPS	MEDDII	ComTraForce	WindEFCY	AEROMET II
MetAMCII	UnipHied	Neuromet2	TEMMT	BIOFMET	MetroPEMS
LiBforSecUse	ParaWave	CardioMet	<i>chipS·CALe</i>		
Hi-TRACE				NRM	RPT
Met4FoF	NRM	RPT	NRM	MRgRT-DOS	QuantumPower
Metrowamet	TrafoLoss	ProbeTrace	EDC-WFD	RevStdLED	RealMass
WRITE	MeterEMI	adOSSIG	PRISM-eBT	SI-Hg	
	EUCoM	MetForTC	INCIPIIT	ISO-G-SCoPe	
RPT	nPSize		Heroes	IT4PQ	
DOSEtrace	EMUE		SupraEMI	MeTISQ	
RhoLiq			NEWGASMET	HV-com ²	
DIG-AC			NanoXSpot		
VerslCaL					

More information about these projects is available at:

EMPIR 2017 call: <https://www.euramet.org/research-innovation/research-empir/empir-calls-and-projects/call-2017-industry-fundamental-normative-research-potential-support-for-impact/>

EMPIR 2018 call: <https://www.euramet.org/research-innovation/research-empir/empir-calls-and-projects/call-2018-health-si-broader-scope-normative-research-potential-support-for-networks-support-for-impact/>

EMPIR 2019 call: Project summaries will be published at:
<https://www.euramet.org/research-innovation/research-empir/empir-calls-and-projects>
 List of 2019 projects is available in Annex I to this document.

Call related documents

Call related documents are available on the EURAMET MSU web
<http://msu.euramet.org/downloads/>

- **Guide 9:** [Applying for a Researcher Mobility Grant](#)
- **Template 9a:** [RMG Administrative data](#)
- **Template 9b:** [RMG Research Schedule](#)
- **Form 9a:** [RMG Evaluation](#)
- **Form 9b:** [RMG Grant Calculator](#)

Contact

If you have any questions, please do not hesitate to contact the facilitator:

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Annex I: List of EMPIR projects of 2019 call expected to start in 2020

19ENG01	Metro-PV	Metrology for emerging PV applications
19ENG02	FutureEnergy	Metrology for future energy transmission
19ENG03	MEFHYSTO	Metrology for hydrogen advanced storage solutions
19ENG04	MetroHyVe 2	Metrology for hydrogen vehicles 2
19ENG05	NanoWires	High throughput metrology for nanowire energy harvesting devices
19ENG06	HEFMAG	Metrology of magnetic losses in electrical steel sheets for high-efficiency energy conversion
19ENG07	Met4Wind	Metrology for enhanced reliability and efficiency of wind energy systems
19ENG08	WindEFCY	Traceable mechanical and electrical power measurement for efficiency determination of wind turbines
19ENG09	BIOFMET	New metrological methods for biofuel materials analysis
19ENV01	traceRadon	Implementation of radon metrology for the analysis for the atmospheric budget of greenhouse gases and radiation protection in the environment
19ENV02	RemoteALPHA	Remote and real-time optical detection of alpha-emitting radionuclides in the environment
19ENV03	Infra-AUV	Metrology for low-frequency sound and vibration
19ENV04	MAPP	Metrology for aerosol optical properties
19ENV05	STELLAR	Stable isotope metrology to enable climate action and regulation
19ENV06	MetClimVOC	Metrology for climate relevant volatile organic compounds
19ENV07	Met4ClimOS	Metrology to establish an SI traceable climate observing system
19ENV08	AEROMET II	Advanced aerosol metrology for atmospheric science and air quality
19ENV09	MetroPEMS	Improved vehicle exhaust quantification by portable emission measurement systems metrology
19NRM01	MRgRT-DOS	Traceable dosimetry for small fields in MR-guided radiotherapy
19NRM02	RevStdLED	Revision and extension of standards for test methods for LED lamps, luminaires and modules
19NRM03	SI-Hg	Protocols for SI-traceable measurement results of elemental and oxidised mercury concentrations
19NRM04	ISO-G-SCoPe	Standardisation of structural and chemical properties of graphene
19NRM05	IT4PQ	Measurement methods and test procedures for assessing accuracy of instrument transformers for power quality measurements
19NRM06	MeTISQ	Metrology for testing the implementation security of quantum key distribution hardware
19NRM07	HV-com ²	Support for standardisation of high voltage testing with composite and combined wave shapes
19RPT01	QuantumPower	Quantum traceability for AC power standards
19RPT02	RealMass	Improvement of the realisation of the mass scale