

A large, abstract blue graphic on the left side of the slide. It features a large, light blue circle with a white swoosh cutting through it. To the right of this circle is a thick blue arc that forms a partial circle, with a small blue dot positioned between the two main shapes.

EMPIR

European Metrology
Programme for Research and
Innovation

Maguelonne CHAMBON
LNE

Agenda

TIME	TOPIC	SPEAKER
14:00 - 14:10	EURAMET/EMPIR in general	Maguelonne Chambon, EURAMET Board of Directors
14:10 - 14:25	STAIR EMPIR	Luc van den Berghe, CEN-CENELEC
14:25 - 14:35	NRM call 2019	Eveline Domini, EURAMET Standardisation Support & Facilitator
14:35-14:50	Examples of projects with direct link from need to project to outcome	Eveline Domini, EURAMET Standardisation Support & Facilitator Dagmar Auerbach, EURAMET Programme Manager
14:50-15:00	Q&A	all

EURAMET today



EURAMET e.V.

- Association of European NMIs
- Inaugurated in 2007
- Successor of EUROMET (1987-2006)
- Legal Entity: German non profit association

▪ **Members:**

37 European NMIs

▪ **Associates:**

78 DIs

1 NMI applying for membership

▪ **Liaison Organisations:**

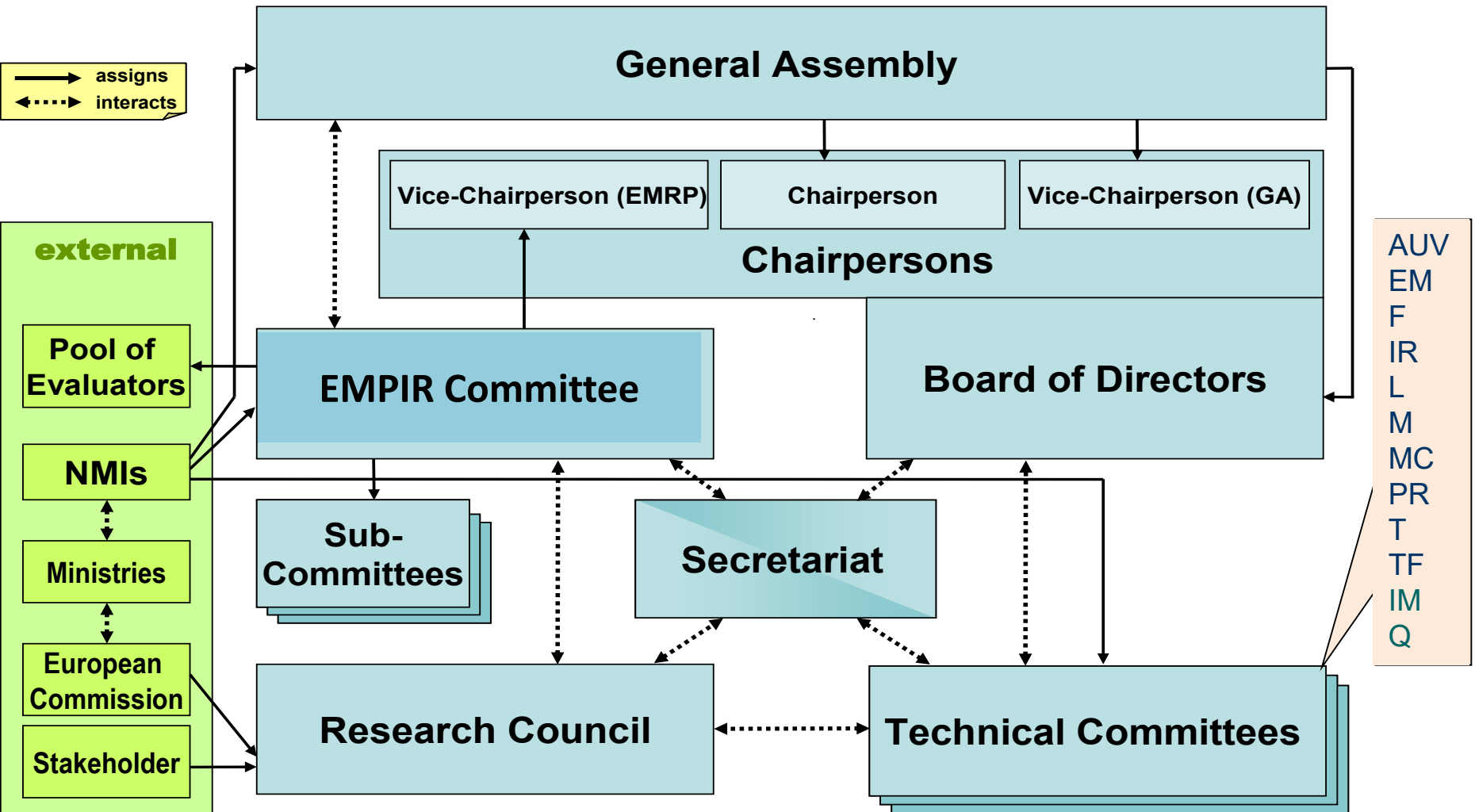
4 RMOs & BIPM

3 NMIs beyond Europe:

KMA (Kosovo under UNSCR 124)

6 regional/international Organisations

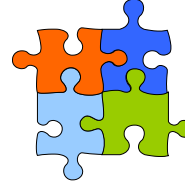




What is the EMPIR and how it is funded?

- It's about improving measurement to drive innovation and competitiveness
- It enables European metrology institutes, industrial organisations and academia to collaborate on joint research projects.
- It's implemented by EURAMET e.V. (Grant agreement with the EC)
- jointly agreed strategic research agenda
- an example of integration of research, management and finances
- It is based on Article 185 of the Lisbon Treaty.
- is jointly funded by the EMPIR participating countries and the European Union and has a budget of approximately **600 M€** over 7 years of call (10 years on total – JRPs running on 3 years)
- Follows
 - EMRP (400 M€ funded by 50 % CE - 50 % MS) – 5 years call (2010-2014)
 - iMERA-Plus Bridge initiative (64 M€ funded by 32 % CE – 68 % MS) – 1 call (2008)

Joint Research in Europe



**Reach Out
From 2014**



2002 ...

Coordination

Cooperation

MERA
Czech Republic
Denmark
France
Germany
Ireland
Italy
Netherlands
Norway
Sweden
Switzerland
UK

11 countries

iMERA
Czech Republic
Denmark
Finland
France
Germany
Italy
Netherlands
Norway
Poland
Slovakia
Slovenia
Sweden
Switzerland
UK
EC

14 countries

iMERA-Plus
Austria
Belgium
Czech Republic
Denmark
Estonia
Finland
France
Germany
Italy
Netherlands
Norway
Portugal
Romania
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
UK
EC

20 countries

Integration Calls 2009-2013

EMRP
Austria
Belgium
Bosnia-Herzegovina
Czech Republic
Denmark
Estonia
Finland
France
Germany
Hungary
Italy
Netherlands
Norway
Poland
Portugal
Romania
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
UK
EC

23 countries

EMPIR
Austria
Belgium
Bosnia-Herzegovina
Bulgaria
Croatia
Czech Republic
Denmark
Estonia
Finland
France
Germany
Greece
Hungary
Ireland
Italy
Netherlands
Norway
Poland
Portugal
Romania
Serbia
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
UK
EC

28 countries

... 2024 ...

Year	Call
2014	Industry JRPs (IND)
	Research Potential JRPs
	Support for Impact (SIP)
2015	Health JRPs (HEA)
	SI Broader Scope (SI) JRPs
	Pre-normative JRPs (NRM)
	Research Potential JRPs
	SIPs
2016	Environment (ENV) JRPs
	Energy (ENG) JRPs
	Pre-normative JRPs (NRM)
	Research potential JRPs
	SIPs
2017	Fundamental JRPs (FUN)
	Industry JRPs (IND)
	Pre-normative JRPs (NRM)
	Research Potential JRPs
	SIPs
2018	SI Broader Scope JRPs (SI)
	Health JRPs (HEA)
	Pre-normative JRPs (NRM)
	SIPs
2019	Energy (ENG) JRPs
	Environment (ENV) JRPs
	Pre-normative JRPs (NRM)
	SIPs
2020	Industry JRPs (IND)
	Fundamental JRPs (FUN)
	Pre-normative JRPs (NRM)
	SIPs

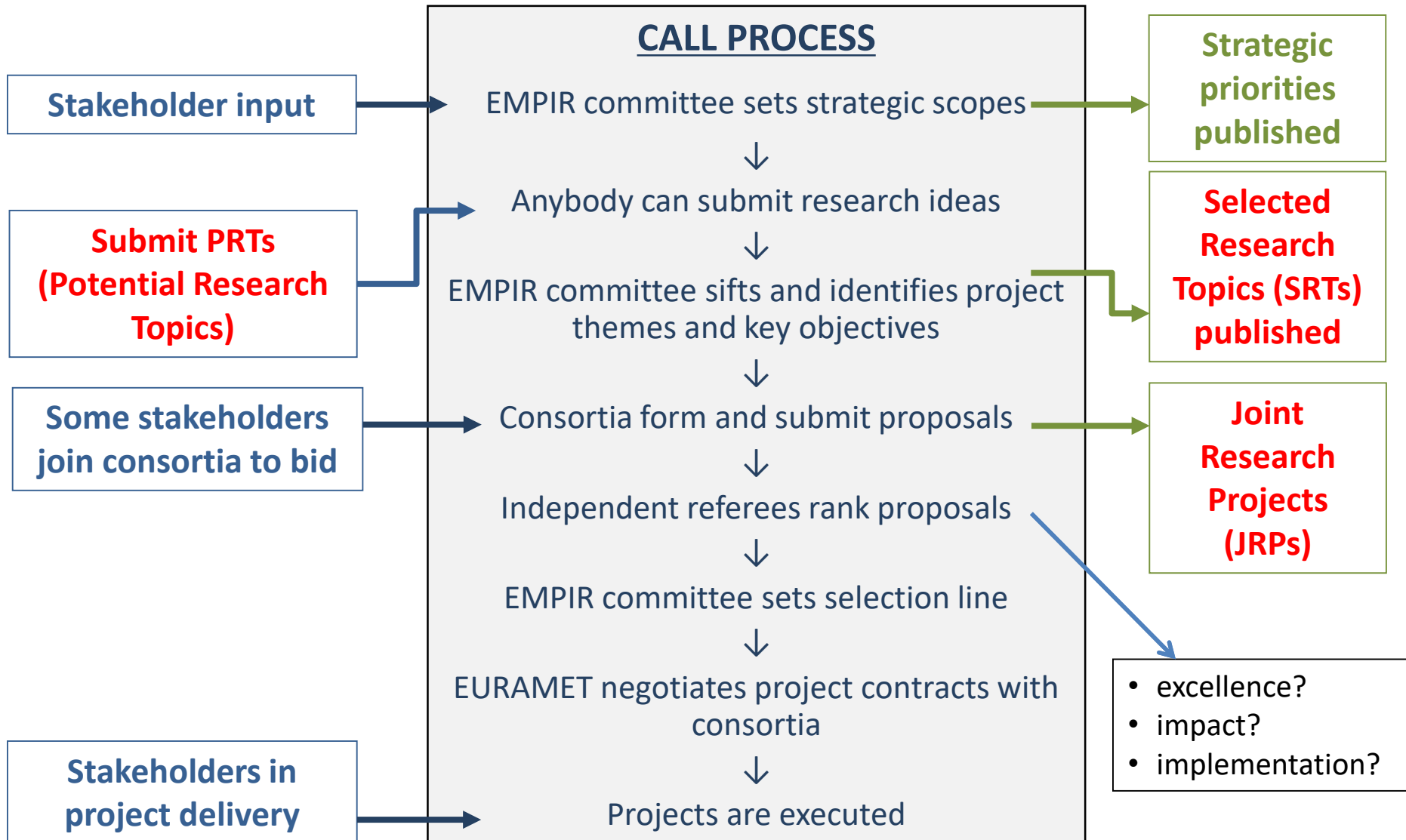
EMPIR Indicative Call Plan



- Long-term orientation, with room for flexibility at annual updates
- Three-year call intervals for some themes to enable follow-on projects
- Annual calls for “support for impact” (SIPs) actions and standardisation related research (except for 2014)
- Annual calls for research potential (RPot)
- **+ New** in 2018 : call for European Metrology Network (EMN)

- Phase 0 - Consultation
- Phase 1 – Call for Potential Research Topics
- Phase 2 – Call for Joint Research Projects
- Phase 3 – Evaluation & results

EMPIR Call process – in summary



Module: Pre-normative	R&D focused on metrology needed for European and international documentary standards
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- Serves the needs of international Standards Developing Organizations, e.g. CEN, CENELEC, ETSI and ISO, IEC, ITU;
- For **metrology** associated with establishing traceability to the SI,
- Underpins European Directives and Regulations and
- Facilitates the route to market for innovative goods and services.
- Implementation to meet short reaction requirements.
 - ✓ JRP duration = 3 years or shorter
for extension
 - ✓ external participation up to 30 %

- Call scopes published on EMPIR website (msu.euramet.org)
- Call will be opened for PRTs in beginning 9th January 2019 – closed 18th of February 2019
- Template and Guide at <http://msu.euramet.org/downloads/>
- Referee registration : msu.euramet.org
- Calls for Pre- and co-normative research projects and Support for Impact projects will run every year

Questions?

