

An Overview

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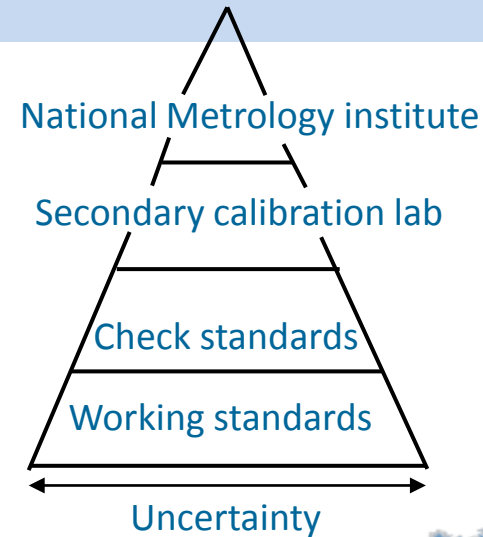
EURAMET Chairperson

European Association of National Metrology Institutes

bilateral cooperations since \approx 1900

EUROMET since 1990

EURAMET e.V. since 2007



Members:

37 European NMIs

22 of them actively
participating in the EMRP

Associates:

- 72 Designated Institutes
holding national standards

- JRC

metrologists:
NMIs: \approx 5000
DIs: \approx 1500



Particular features of national metrology which work together in support of this effective leveraging of funds are:

- All partners – NMIs and governmental programme owners – share common, well-defined mission
- Most partners know each other and have cooperated internationally for many decades
- Metrology relies on obtaining consensus amongst different laboratories
- National metrology considered in all countries as public mission rather than commercial concern: area of ‘Market failure’

Cooperation

NERA

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

Coordination

iMERA

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

Collaboration

iMERA-Plus

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

Integration

EMRP

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

EMPIR

Austria
Belgium
Bulgaria
Bosnia-H
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

Scientific Contributions/Research

- >2500 scientific publications
- >2400 presentations at scientific conferences
- University collaborations/PhDs
- Guest workers

Services

- >160000 calibrations
- 600 staff involved in accreditation
- 350 R&D co-operation agreements with industry
- 230000 conformity assessments

Standardisation

- Participation in >1850 standardisation working groups involving more than 1050 staff

International Liaison

- >108 MOUs
- 320 staff in CIPM Consultative Committees
- Technical support through co-operation programmes

European Union Strategy for 2020

- SMART Growth
- Sustainable Growth
- Inclusive Growth



A large blue triangle is centered on the slide. Inside it is a white rounded rectangle. The text "EURAMET 2020 Strategy" is written in blue inside the rectangle.

EURAMET 2020 Strategy

To be the leader in the
development and application
of measurement enabling
Europe to be competitive,
healthy and sustainable
through innovation

Our mission is to:

Develop and disseminate an appropriate, ***integrated and cost effective measurement infrastructure*** for Europe taking into account the needs of ***end users*** in industry, business and Government

Ensure that the European measurement infrastructure is ***internationally competitive and recognised***, and is based on ***robust*** and high quality science and R&D

Support members in meeting their own national requirements through ***collaboration*** and a ***balanced European measurement infrastructure***





Engage key stakeholders

Engage key stakeholders


- **Communications Officer appointed**
- **Communications plan approved by BoD and now being implemented**
- **Engagement Plan in preparation**
- **Corporate design for all our publications and promotional material**
- **New Website by early next year**
- **Metrology Foresight Roadmaps updated by TCs**
- **EMRP/EMPIR - a powerful route for engagement**



Increase
influence
with policy
makers


- Relatively weak at present in this important area
- Standards activities provide a good entry route e.g. Smart Grids work
- Some new connections being made with relevant DGs in the European Commission
- TCs are looking at ways of supporting this activity
- An area for future development for the Secretariat?
- Need to work with EURAMET Partners

- Through EMRP collaboration amongst members increased significantly, and also with other RTOs
- Joint Programming co-ordinator appointed
- Development of EMPIR on target and progressing well
- Must address effectively Capacity Building, Innovation, and pre-normative R&D
- MSU is being strengthened to enhance innovation and impact
- R&D Co-operation beyond EMRP - not strong, room for improvement



Further
develop R&D
collaboration

- **Focus Group continues to provide support to emerging NMIs**
- **EMRP providing support through REGs, R&D projects**
- **Such support is expected to be enhanced**
- **Focus Group Infrastructure and TC-IM roles being reviewed**
- **Annual landscape and metrics are being developed to aid EURAMET's work in this area**



**Deliver
high value to
members**



Support
European
quality
infrastructure

- EURAMET initiated discussion paper on DIs
- Input from EURAMET BoD and TC Chairs at the CMC Workshop for improved efficiency
- Good input to ILAC discussions
- Overall Review of CMCs
- Encouraging RMOs to work together on non-MRA matters
- Developing closer co-operation at the top level with CEN/CENELEC and EA and for the establishment of a European Quality Platform

Future Challenges and Opportunities

Creation of EURAMET e.V has transformed the Association

EMRP/EMPIR dominates our activities as a whole

Securing approval for EMPIR will open a new Chapter

How to ensure longer term sustainability will be a major consideration

Development of EURAMET – a role for TC-IM?

TC Chairs to play a bigger role; and DIs?

Professional staff resource , a key to success

Looking ahead

Life



Thank you for your attention

www.euramet.org