

**12<sup>th</sup> EURAMET GA – Plenary Session**  
**Plenary Session**  
**Minutes**



Bucharest, Romania, 29 – 30 May 2018

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|---------------------|--|--------------|
| <b>Time</b>         | Tuesday 29 May   | 9h00 – 18h00 |
|                     | Wednesday 30 May   | 9h00 – 13h00 |
| <b>Place</b>        | Radisson Blu Hotel, Calea Victoriei 63-8, Bucharest, Romania   |              |
| <b>Participants</b> | EURAMET Delegates<br>Representatives of EURAMET Associates and Liaison Organisations<br>Research Council<br>TC-Chairs<br>TG & BOD-WG Convenors<br>Invited Guests<br>Staff of EURAMET Secretariat |              |

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**Minutes:**

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| <b>Keeper:</b>      | Wolfgang Schmid EURAMET Member Service Manager   |
| <b>Approved</b>     | By participants of the plenary session as of 9 July 2018   |
| <b>Distribution</b> | Delegates and Alternates of EURAMET Members<br>Representatives from EURAMET Associates<br>Representatives from Liaison Organisations<br>TC Chairs<br>TG & BOD-WG Convenors<br>Research Council<br>Invited Guests to the GA<br>EURAMET Secretariat  |
| <b>Note</b>         | Documents to which reference is made in these minutes and PowerPoint presentations given during the meeting are available on the EURAMET website under “General Assembly”<br>(direct link: <a href="http://www.euramet.org/about-euramet/general-assembly/">http://www.euramet.org/about-euramet/general-assembly/</a> )<br><br>These minutes will not give summaries of the presentations at the meeting. |

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### **G12.01 Welcome address**

### **G12.02 Opening and adoption of the agenda**

Chairperson Beat Jeckelmann opened the 12<sup>th</sup> EURAMET General Assembly (GA). The agenda was adopted without changes.

Prof. Fănel Iacobescu, Director General, Biroul Român de Metrologie Legală, welcomed participants to Bucharest. In his welcome speech he gave a short overview on the history of metrology in Romania and emphasised on the adoption of the metric system in 1864, the accession to the Metre Convention in 1883 and the establishment of Office for Weights and Measures in 1889, which later evolved to the National Institute of Metrology (INM). An important milestone was when Romania joined the European Union in 2007 and in consequence all their metrology related regulation was adopted.

### **G12.03 Report from the Working Session Delegates Only**

The working session for Delegates only took place the afternoon before the plenary session. Beat Jeckelmann gave a short feedback and presented the most important results:

- The Designated Institutes HMI/DHMZ-SOUL (Croatia) was accepted as Associate (A-DI);
- Maguelonne Chambon (LNE, France), Pavel Klenovský (CMI, Czech Republic) and Jörn Stenger (PTB, Germany) were re-elected for a further term in the BoD; Vincent Fokkema (VSL, Netherlands) was elected as new BoD-member.
- Ulrike Ankerhold (PTB, Germany) was re-elected for a second term as TC-IR Chair.
- Paul Hetherington (NSAI NML, Ireland) and Patrycja Ruskowska (GUM, Poland) were elected as members of the Internal Audit Committee (IAC).
- The “European Metrology Networks” (EMN) were introduced as new structural element in EURAMET. This is reflected in the approved new version of the Rules of Procedure (RoP).
- The first EMNs were approved:
  - Mathmet
  - Quantum Technologies
  - Laboratory Medicine
  - Smart Electricity Grids
  - Energy Gases
  - Climate and Ocean Observation
- An outline paper describing cornerstones of an EMPIR follow-up programme was discussed.
- The EURAMET GA 2019 will take place in Borås, Sweden in the week from 21 to 24 May <sup>1</sup>.

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<sup>1</sup> Originally, the GA agreed on the period from 20 to 23 of May, which was communicated as such in the plenary session. In discussions after the meeting, it turned out that Monday 20 May is an inappropriate date, as many of the Delegates have commitments in their home institute on this day, related to the World Metrology Day. Therefore, the EURAMET BoD decided to move the GA by one day.

## **G12.04 EURAMET activities**

The meeting continued with a series of presentations on strategic and members' support activities of EURAMET. The content of the presentations can be consulted in the PP-slides and further documents which are available on the EURAMET website, and will not be repeated here.

### **G12.04.01 GS's overview**

Presentation by Duncan Jarvis, General Secretary

### **G12.04.02 Strategic activities of EURAMET**

Presentation by Beat Jeckelmann, EURAMET Chairperson

### **G12.04.03 Joint research activities: EMRP & EMPIR**

Presentation by Erkki Ikonen, Vice-Chairperson (EMPIR)

### **G12.04.04 Regulation Scrutiny Group: update**

Presentation by Jörn Stenger, BoD-member

### **G12.04.05 Update on membership and organisation**

Presentation by Wolfgang Schmid, Member Service Manager

### **G12.04.06 Capacity Building**

Presentation by Maria Luisa Rastello, Guardian of the BOD-WGCB

### **G12.04.07 EURAMET communication**

Presentation by Anne Trumpfheller, Communications Officer

Anne showed a promotional video related to the planned re-definition of the SI units and made reference to further videos, which have been produced by EURAMET with Joachim Ullrich, President of PTB and President of the Consultative Committee for Units.

CCU President explains in interview series why we need the SI redefinition: <https://www.euramet.org/?news=40:677>

All videos (published successively) and Joachim's comprehensive lecture on the SI and the expected redefinition can be found on EURAMET's YouTube channel <https://www.youtube.com/user/EURAMET>

Several presentations related to the Mutual Recognition Arrangement of the CIPM (CIPM MRA) followed, including presentations from horizontal TCs of EURAMET. PP-slides can be consulted among the meeting documents.

## **G12.05 CIPM MRA related matters**

### **G12.05.01 Report from BIPM and CIPM**

Presentation by Andy Henson, BIPM

### **G12.05.02 EURAMET's role in the review of the CIPM MRA**

Presentation by Beat Jeckelmann, EURAMET Chairperson

**G12.05.03 EURAMET's contribution to BIPM's CBKT programme**

Presentation by Tanasko Tasic, EURAMET Capacity Building Officer

**G12.05.04 BoD working group on Designated Institutes**

Presentation by Janko Drnovsek, Convenor of the BOD-WGDI

**G12.06 EURAMET horizontal TCs and their activities**

**G12.06.01 TC-Q**

Presentation by Enver Sadikoglu, TC-Q Chair

**G12.06.02 TC-IM**

Presentation by Robert Edelmaier, TC-IM Chair

**G12.06.03 Overview on activities of EURAMET TCs**

Presentation given by Robert Edelmaier, TC-IM Chair, who is coordinating the horizontal cooperation between the EURAMET TC Chairs.

**G12.07 Highlights from Technical Committees & Task Groups – part 1**

In the sessions G12.07 and G12.09, the EURAMET TC-Chairs gave presentations on some specific highlights of current activities of their TC. EURAMET Task Group Convenors gave presentations on activities in the horizontal areas health, environment and energy.

PP-slides and annual reports of the TCs can be consulted among the meeting documents.

**G12.07.01 Sector topic energy**

Presentation by Jean-Remy Filtz, on behalf of Gert Rietveld, TG Convenor for Energy

**G12.07.02 TC-L**

Presentation by Harald Bosse, TC-L Chair

**G12.07.03 TC-F**

Presentation by Isabel Care, on behalf of Petra Milota, TC-F Chair

**G12.07.04 TC-M**

Presentation by Isabel Spohr, TC-M Chair

**G12.07.05 TC-EM**

Presentation Luca Callegaro, TC-EM Chair

**G12.07.06 TC-TF**

Presentation by Peter Whibberley, TC-TF Chair

## **G12.08 Important developments amongst Liaison Organisations**

Representatives from Liaison Organisations of EURAMET gave presentations on important developments. PP-slides can be consulted among the meeting documents.

### **G12.08.01 WELMEC**

Presentation by Gregor Dudle, Chairperson of WELMEC

### **G12.08.02 COOMET**

Presentation by Pavel Neyezhnikov, COOMET Vice-President

### **G12.08.03 SIM**

Presentation by Claire Saundry, SIM Project Coordinator

### **G12.08.04 NCSLI**

Presentation by Jim Olthoff, President of NCSLI, and Graig Gulka, Executive Director

### **G12.08.05 CEN/CENELEC**

Presentation by Ashok Ganesh, Director Innovation

### **G12.08.06 EUROLAB**

Presentation by Alvaro Ribeiro, President of EUROLAB

### **G12.08.07 Eurachem**

Presentation by Hanspeter Andres, TC-MC Chair, and representative in Eurachem  
Presentation was given following agenda item G12.09.05

### **G12.08.08 APMP**

No presentation given, as representative was not able to join the meeting. A report is attached to the meeting documents.

## **G12.09 Highlights from Technical Committees & Task Groups – part 2**

### **G12.09.01 Sector topic health**

Presentation by Tobias Schäffter, TG Convenor for Health

### **G12.09.02 TC-T**

Presentation by Graham Machin, TC-T Chair

### **G12.09.03 TC-IR**

Presentation by Ulrike Ankerhold, TC-IR Chair

### **G12.09.04 TC-AUV**

Presentation by Stephen Robinson, TC-AUV Chair

### **G12.09.05 TC-MC**

Presentation by Hanspeter Andres. TC-MC Chair

#### **G12.09.06 TC-PR**

Presentation by Stefan Kück, TC-PR Chair

#### **G12.09.07 Sector topic environment**

Presentation by Andrea Merlone, TG Convenor for Environment

### **G12.10 Important developments amongst EURAMET Members & Associates**

#### **G12.10.01 GUM, Poland**

Presentation by Włodzimierz Lewandowski

on the development of metrology in Poland, the current infrastructure and the project of a new metrology campus close to Kielce. Presentation is attached to the meeting documents.

### **G12.11 Dialogue with BoD**

Beat Jeckelmann opened a discussion round where participants were given the opportunity to ask questions to the BoD.

Hans Arne Frøystein started with a short statement on **European Metrology Networks (EMN)** as a completely new element in EURAMET. He stated that we are on a learning curve and need to find out what kind of structure will be needed in the future. The audience was asked about their opinion on the EMNs: Several questions were raised by the participants on EMNs and the relation and difference to the JNP funding tool within EMPIR. The concern was expressed that the EMNs are prepared in a rush which does not make it easy to bring the different ideas together. Beat Jeckelmann emphasised the importance to do first concrete steps now and demonstrate to the European Commission (EC) that EURAMET is willing and able to introduce this new element. The question on the right “size” of an EMN seems not to be clear to some of the proposers. It was clarified that there is no predefined size, but a critical mass and impact needs to be achieved. The idea to approach a well-defined stakeholder community by an EMN was appreciated by one Delegate as this will lead to a very efficient communication.

Erkki Ikonen introduced the discussion on the **EMPIR follow-up programme** emphasising on the importance of a promotion of the programme via the national ministries in the current phase. This brings the people in the EC who are willing to support the initiative in a stronger position. In the discussion it was suggested that the new programme should have more projects aiming at applied research, resolving practical problems which European citizens might have. In current programmes such kind of projects have frequently not been accepted due to lack of excellence. Another comment was emphasising on the importance that our programme is better aligned with EU programmes like the flagships.

Maria Luisa Rastello introduced the discussion on **Capacity Building (CB)**, asking the question if we can move to an EMN on CB and if this can contribute to “bridge the gap”, which is a key issue brought up by the EC. From the audience it was confirmed that indeed there is a big gap existing between advanced research and members in EURAMET just starting with research activities. Several other delegates commented on the relevance of CB for legal metrology which is a priority activity for a high number of EURAMET member NMIs. One contribution from the audience brought up the point that the

final objective of CB activities is frequently not clear, and that a strategy for CB is required. This was confirmed by other contributions; taking into account European regulations defining the need for metrology in European countries was suggested as one important input to the discussion on a CB strategy.

Further contributions were aiming at the relation between CB and EMNs. One delegate brought up the idea of training centres for metrology, as well for internal purposes as for dissemination of metrology beyond our NMI/DI community. Also, the question was raised how the participation on emerging NMIs in EMNs could be increased. Finally, it was recalled that CB is meanwhile a standing agenda item of the TC meetings. Delegates were asked to encourage their contact persons in the TCs to bring good ideas into the discussions at the TCs.

One participant talked about his experience as coordinator of an EMPIR Research Potential Project (RPT). The start was not easy as many partners were starting from scratch. However, he appreciated the high motivation of all partners which made the project successful. At the end, there was a high interest to continue cooperating. He suggested poster sessions at the GA to present CB activities.

On the question what he would like to bring into the BoD as new member, Vincent Fokkema replied that for him it is of high importance to “make metrology popular”. He sees issues in getting young people to work in metrology and in explaining to governments the need for new programmes in metrology that should be addressed.

### **G12.12 Handover of Chairmanship**

The term of Beat Jeckelmann as EURAMET Chairperson was ending at this GA. Beat concluded that it was a good experience for him. He thanked all delegates and colleagues for the support given. He appreciated the good spirit in the BoD and the good support by the secretariat, where a lot of work is done and every person works with great dedication.

Beat handed over the Chairmanship to Hans Arne Frøystein and wished him all the best for his term as Chairperson.

Hans Arne thanked Beat for leaving EURAMET in a good situation for him to take over. He appreciated Beat’s working style: calm, doesn’t seem to be stressed, friendly manner, and a clear steering.

### **G12.13 AOB**

Beat Jeckelmann thanked the organisers of the General Assembly, in particular Mirella Buzoianu and the supporting staff from INM and Jutta Bender from the EURAMET Secretariat for the excellent organisation.

Beat thanked all speakers of the GA and closed the meeting.

## ANNEX: List of Participants

| Name                   | Institute      | Country            | Function                |
|------------------------|----------------|--------------------|-------------------------|
| Altan, Ömer            | UME            | Turkey             | Working Group Convenor  |
| Andres, Hanspeter      | METAS          | Switzerland        | TC-MC Chair             |
| Ankerhold, Ulrike      | PTB            | Germany            | TC-IR Chair             |
| Asanovic, Vanja        | MBM            | Montenegro         | Delegate                |
| Auerbach, Dagmar       | EURAMET        |                    | Programme Manager       |
| Axelsson, Tryggvi      | NEST           | Iceland            | Delegate                |
| Belic, Cedomir         | DMDM           | Serbia             | Delegate                |
| Bender, Jutta          | EURAMET        |                    | Secretariat             |
| Bercea, Sorin          | IFIN-HH        | Romania            | DI representative       |
| Bosse, Harald          | PTB            | Germany            | TC-L Chair              |
| Bouyer, Philippe       |                |                    | Research Council        |
| Boziari, Agyro         | IRCL/GAEC-EIM  | Greece             | DI representative       |
| Butas, Dusan           | SMU            | Slovakia           | Alternate               |
| Buzoianu, Mirella      | INM            | Romania            | Delegate                |
| Callegaro, Luca        | INRIM          | Italy              | TC-EM Chair             |
| Campos-Acosta, Joaquin | IO-CSIC        | Spain              | DI representative       |
| Care, Isabelle         | LNE            | France             | TC-F representative     |
| Ceapa, Serghei         | INM-Moldova    | Moldova            | Alternate               |
| Cetintas, Mustafa      | UME            | Turkey             | Delegate                |
| Chambon, Maguelonne    | LNE            | France             | Delegate, BoD-member    |
| del Campo, Dolores     | CEM            | Spain              | Incoming TC-T Chair     |
| Dobre, Miruna          | SMD            | Belgium            | Alternate               |
| Domini, Eveline        | EURAMET        |                    | Secretariat             |
| Drnovšek, Janko        | MIRS/UL-FE/LMK | Slovenia           | Working Group Convenor  |
| Dudle, Gregor          | WELMEC         |                    | Representative          |
| Džemic, Zijad          | IMBiH          | Bosnia-Herzegovina | Delegate, BoD-member    |
| Edelmaier, Robert      | BEV            | Austria            | Delegate, TC-IM Chair   |
| Filtz, Jean-Remy       | LNE            | France             | Guest                   |
| Fokkemma, Vincent      | VSL            | Netherlands        | Delegate, BoD-member    |
| Frøystein, Hans Arne   | JV             | Norway             | Delegate, Chair-elect   |
| Ganesh, Ashok          | CEN-CENELEC    |                    | Research Council        |
| Godinho, Isabel        | IPQ            | Portugal           | Alternate               |
| Grasserbauer, Manfred  |                | Austria            | Research Council        |
| Grenon, Thomas         | LNE            | France             | Guest                   |
| Gulka, Craig           | NCSLI          |                    | Representative          |
| Habibi, Stilian        | DPM            | Albania            | Alternate               |
| Henson, Andy           | BIPM           |                    | Representative          |
| Hetherington, Paul     | NSAI-NML       | Ireland            | Delegate                |
| Hilenko, Oleksandr     | ME             | Ukraine            | Representative          |
| Heinonen, Martti       | VTT MIKES      | Finland            | Delegate                |
| Ikonen, Erkki          | VTT MIKES      | Finland            | EMPIR Chair             |
| Ilchev, Paun           | BIM            | Bulgaria           | Delegate                |
| Janssen, JT            | NPL            | United Kingdom     | Delegate                |
| Jarvis, Duncan         | EURAMET        |                    | General Secretary       |
| Jeckelmann, Beat       | METAS          | Switzerland        | Delegate, EURAMET Chair |
| Johansson, Jan         | RISE           | Sweden             | Alternate               |
| Kadok, Philippe        | ILNAS          | Luxembourg         | Delegate                |
| Klavins, Gints         | LATMB          | Latvia             | Delegate                |
| Klenovsky, Pavel       | CMI            | Czech Republic     | Delegate, BoD-member    |
| Kolar, Jana            |                | Slovenia           | Research Council        |



| Name                      | Institute     | Country        | Function                  |
|---------------------------|---------------|----------------|---------------------------|
| Kopac, Samo               | MIRS          | Slovenia       | Delegate                  |
| Kowal, Aleksandra         | INTiBS        | Poland         | Representative            |
| Kübarsepp, Toomas         | Metrosert     | Estonia        | Delegate                  |
| Kück, Stefan              | PTB           | Germany        | TC-PR Chair               |
| Lapuh, Rado               | MIRS          | Slovenia       | EMPIR Deputy Chair        |
| Levi, Filippo             | INRIM         | Italy          | EMPIR representative      |
| Lewandowski, Włodzimierz  | GUM           | Poland         | Delegate                  |
| Leytem, Alain             | ILNAS         | Luxembourg     | Alternate                 |
| Liesch, Claude            | ILNAS         | Luxembourg     | Guest                     |
| Machin, Graham            | NPL           | United Kingdom | TC-T Chair                |
| Melenciuc, Anatolie       | INM           | Moldova        | Delegate                  |
| Merlone, Andrea           | INRIM         | Italy          | Task Group Convenor       |
| Mikiel, Marcin            | GUM           | Poland         | Guest                     |
| Morazzani, Valérie        | LNE           | France         | Alternate                 |
| Mustafai, Merita          | BoM           | Macedonia, FYR | Delegate                  |
| Nagyné-Szilágyi, Zsafia   | BFKH          | Hungary        | Delegate                  |
| Naujalis, Evaldas         | FTMC          | Lithuania      | Delegate                  |
| Nedialkov, Sasho          | BIM           | Bulgaria       | Alternate                 |
| Neyezhnikov, Pavel        | COOMET        |                | Representative            |
| Olthoff, James            | NCSLi         |                | Representative            |
| O'Reagain, Sean           | EC            |                | Guest                     |
| Pannesar, Mannie          | NMO           | United Kingdom | DI representative         |
| Petak, Tomas              | SMU           | Slovakia       | Guest                     |
| Petersen, Jan C.          | DFM           | Denmark        | Delegate                  |
| Popa, George-Florian      | INM           | Romania        | EMPIR representative      |
| Räsänen, Markku           |               | Finland        | Research Council          |
| Rama, Petrit              | DPM           | Albania        | Delegate                  |
| Rastello, Maria Luisa     | INRIM         | Italy          | Delegate, Vice-Chair (GA) |
| Redgrave, Fiona           | EURAMET       |                | MSU                       |
| Ribeiro, Álvaro Silva     | EUROLAB aisbl |                | Research Council          |
| Robinson, Stephen         | NPL           | United Kingdom | TC-AUV Chair              |
| Robles Carbonell, José Á. | CEM           | Spain          | Alternate                 |
| Sadikoglu, Enver          | UME           | Turkey         | TC-Q Chair                |
| Samuelsen, Geir           | JV            | Norway         | Alternate                 |
| Saundry, Claire           | SIM           |                | Representative            |
| Schäffter, Tobias         | PTB           | Germany        | Task Group Convenor       |
| Schmid, Wolfgang          | EURAMET       |                | Member Service Manager    |
| Spires, Lonnie            | NCSLi         |                | Representative            |
| Spohr, Isabel             | IPQ           | Portugal       | TC-M Chair                |
| Stenger, Jörn             | PTB           | Germany        | Delegate, BoD-member      |
| Stoll-Malke, Kai          | PTB           | Germany        | Incoming TC-Q Chair       |
| Tasic, Tanasko            | EURAMET       |                | Capacity Building Officer |
| Trumpfheller, Anne        | EURAMET       |                | Communications Officer    |
| Vaitkus, Rimantas         | FTMC          | Lithuania      | Alternate                 |
| von Klitzing, Klaus       |               | Germany        | Research Council          |
| Vukoslavovic, Goran       | MBM           | Montenegro     | Alternate                 |
| Vukovojac, Beti           | BoM           | Macedonia, FYR | Alternate                 |
| Whibberley, Peter         | NPL           | United Kingdom | TC-TF Chair               |
| Wilkins, Terence          |               | United Kingdom | Research Council          |
| Zelan, Martin             | RISE          | Sweden         | Guest                     |
| Zvizdic, Davor            | HMI           | Croatia        | Delegate                  |