

## EUROMET General Assemblies

Meeting No.	Date	Location
Founded	23 September 1987	Madrid, Spain
1	26-28 January 1988	Braunschweig, Germany
2	24-25 August 1988	Helsinki, Finland
3	16-17 May 1989	Borås, Sweden
4	14-15 March 1990	Lisbon, Portugal
5	10-11 April 1991	Bern-Wabern, Switzerland
6	28-29 April 1992	Delft, The Netherlands
7	13-14 May 1993	Torino, Italy
8	18-19 May 1994	Oslo, Norway
9	18-19 May 1995	Strasbourg, France
10	23-24 May 1996	Teddington, United Kingdom
11	29-30 May 1997	Copenhagen/Lyngby, Denmark
12	27-29 May 1998	Dublin, Ireland
13	19-21 May 1999	Prague, Czech Republic
14	14-16 June 2000	Istanbul, Turkey
15	14-16 May 2001	Bern-Wabern, Switzerland
16	15-17 May 2002	Bratislava, Slovak Republic
17	26-28 May 2003	Budapest, Hungary
18	2-4 June 2004	Bled, Slovenia
19	25-27 May 2005	Varna, Bulgaria
20	31 May – 2 June 2006	Vienna, Austria

## Abbreviations

### Subject Fields

Abbrev.	Short name	Subject Field
<b>AUV</b>	ACOUS	Acoustics, ultrasound and vibration
<b>EM</b>	ELECT	Electricity and magnetism
<b>F</b>	FLOW	Flow
<b>IM</b>	INTMET	Interdisciplinary metrology
<b>IR</b>	IONRAD	Ionising radiation
<b>L</b>	LENGTH	Length
<b>M</b>	MASS	Mass and related quantities
<b>MC</b>	METCHEM	Metrology in Chemistry
<b>PR</b>	PHORA	Photometry and radiometry
<b>Q</b>	QUALITY	Quality
<b>T</b>	THERM	Thermometry
<b>TF</b>	TIME	Time and frequency

### Country Codes

The following letters are used to identify the EUROMET Member States and non-member participants in EUROMET activities (see ISO 3166-1988, code Alpha-2). Member States are marked 'M'.

Albania	AL	FYR Macedonia	MK	Poland <sup>M</sup>	PL
Australia	AU	Germany <sup>M</sup>	DE	Portugal <sup>M</sup>	PT
Austria <sup>M</sup>	AT	Greece <sup>M</sup>	GR	Romania <sup>M</sup>	RO
Belgium <sup>M</sup>	BE	Hungary <sup>M</sup>	HU	Russia	RU
Bosnia-Herzegovina	BA	Iceland <sup>M</sup>	IS	Serbia <sup>M</sup>	RS
Bulgaria <sup>M</sup>	BG	Ireland <sup>M</sup>	IE	Slovakia <sup>M</sup>	SK
Canada	CA	Israel	IL	Slovenia <sup>M</sup>	SI
Croatia <sup>M</sup>	HR	Italy <sup>M</sup>	IT	South Africa	ZA
Czech Republic <sup>M</sup>	CZ	Japan	JP	Spain <sup>M</sup>	ES
Cyprus <sup>M</sup>	CY	Latvia <sup>M</sup>	LV	Sweden <sup>M</sup>	SE
Denmark <sup>M</sup>	DK	Lithuania <sup>M</sup>	LT	Switzerland <sup>M</sup>	CH
Egypt	EG	Luxembourg <sup>M</sup>	LU	Turkey <sup>M</sup>	TR
Estonia <sup>M</sup>	EE	Malta <sup>M</sup>	MT	Ukraine	UA
Finland <sup>M</sup>	FI	Mexico	MX	United Kingdom <sup>M</sup>	GB
France <sup>M</sup>	FR	The Netherlands <sup>M</sup>	NL	United States	US
		Norway <sup>M</sup>	NO		

### Acronyms

Acronym	Country/Region	Institute
AIST	Japan	National Institute of Advanced Industrial Science and Technology, Tsukuba Ibaraki
APMP	Asia-Pacific	Asia-Pacific Metrology Programme
AREPA	Denmark	Arepa Test & Calibration A/S, Silkeborg
BAM	Germany	Bundesanstalt für Materialforschung und -prüfung, Berlin
BelGIM	Belarus	Belarussian State Institute of Metrology, Minsk
BEV	Austria	Bundesamt für Eich- und Vermessungswesen, Wien
BIPM	Global	Bureau International des Poids et Mesures
BNM	France	Bureau National de Métrologie, Paris (now LNE)
BNM-INM	France	Institut National de Métrologie, Paris (now CNAM/INM)
BNM-LCIE	France	Laboratoire Central des Industries Électriques, Fontenay-aux-Roses

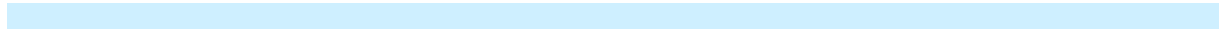
Acronym	Country/Region	Institute
BNM-LNE	France	Laboratoire National d'Essais, Trappes and Paris (now LNE-CMI)
BNM-LNHB	France	Laboratoire National Henri Becquerel, Commissariat à l'énergie atomique, Saclay (now CEA/LNHB; formerly BNM-LPRI)
BNM-LPRI	France	Laboratoire Primaire des Rayonnements Ionisants, Commissariat à l'énergie atomique, Saclay (now BNM-LNHB)
BNM-LPTF	France	Laboratoire primaire du Temps et des Fréquences, Observatoire de Paris, Paris
BNM-SYRTE	France	Observatoire de Paris, Paris (now Observatoire de Paris/SYRTE)
CEA	France	Commissariat à l'énergie atomique, Paris
CEM	Spain	Centro Español de Metrología, Madrid
CENAM	Mexico	Centro Nacional de Metrología, Mexico
Centre Universitaire	Luxembourg	Centre Universitaire de Luxembourg
CESTA	France	Centre d'Etude Scientifique et Technique d'Aquitaine - CEA, Bordeaux
CETIAT	France	Centre d'Etudes Technique des Industries Aéronautiques et Thermiques, Villeurbanne
CETO-FCUP	Portugal	Centro de Ciências e Tecnologias Ópticas – Faculdade de Ciências da Universidade do Porto, Porto
CIEMAT	Spain	Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas, Madrid
CMI	Czech Republic	Czech Metrology Institute
COOMET	Eastern Europe	Coopération Métrologique
CSIC	Spain	Instituto de Física Aplicada e de Acustica, Madrid
CSIR-NML	South Africa	CSIR National Metrology Laboratory, Pretoria
CSIRO	Australia	Commonwealth Scientific and Industrial Research Organisation
CTA	France	Établissement Technique Central de l'Armement, Arcueil
DANIAmet	Denmark	Danish Primary and Reference Laboratories
DANIAmet-AREPA	Denmark	Arepa Test & Calibration A/S, Silkeborg
DANIAmet-DELTA	Denmark	Dansk Elektronik, Lys og Akustik, Hørsholm
DANIAmet-DFM	Denmark	Danish Institute of Fundamental Metrology, Lyngby
DANIAmet-DPLA	Denmark	Danish Primary Laboratory of Acoustics, Nærum
DANIAmet-FORCE	Denmark	Force Institute, Vejen and Brøndby
DANIAmet-NGM	Denmark	Reference Laboratory for Dimensional Metrology, Lyngby
DANIAmet-Radiometer Medical	Denmark	Radiometer Medical A/S, Brønshøj
DANIAmet-Risoe	Denmark	Research Centre, Risoe
DANIAmet-Teknologisk	Denmark	Primary Laboratory for Water Flow, Århus
DELTA	Denmark	Dansk Elektronik, Lys og Akustik, Hørsholm
DFM	Denmark	Danish Institute of Fundamental Metrology, Lyngby
DPLA	Denmark	Danish Primary Laboratory of Acoustics, Nærum
DSTU	Ukraine	Derzhstandart of Ukraine, Kyiv
DZNM	Croatia	State Office for Standardisation and Metrology, Zagreb
EBST	Denmark	National Agency for Enterprise and Housing, Copenhagen
EC	European Commission	European Commission

Acronym	Country/Region	Institute
EI	European Commission	Environment Institute, Ispra, Italy
EIM	Greece	Hellenic Institute of Metrology, Thessaloniki
EMPA	Switzerland	Swiss Federal Laboratory for Materials Testing and Research, St. Gallen
ENEA	Italy	Ente per le Nuove Tecnologie, l'Energia e l'Ambiente, Roma
ENEA-INMRI	Italy	Istituto Nazionale di Metrologia delle Radiazioni Ionizzanti
ENSAM	France	Ecole Nationale Supérieure d'Arts et Métiers, Paris
FE-LMK	Slovenia	University of Ljubljana, Faculty of Electrical Engineering, Laboratory of Metrology and Quality, Ljubljana
FGI	Finland	Finnish Geodetic Institute, Masala
FMI	Finland	Finnish Meteorological Institute, Helsinki
FORCE	Denmark	Force Institute, Vejen and Brøndby
FS-LTM	Slovenia	University of Ljubljana, Faculty of Mechanical Engineering, Laboratory Production Measurement, Ljubljana
GCSL	Greece	General Chemical State Laboratory, Athens
GDMC	Albania	General Directorate of Metrology and Calibration, Tirana
Gosstandart	Russia	State Committee of the Russian Federation for Standardization and Metrology, Moskwa
GR	Iceland	Geislavarnir ríkisins, Reykjavík
GUM	Poland	Główny Urząd Miar (Central Office of Measures), Warszawa
HAEC	Greece	Hellenic Atomic Energy Committee, Attiki
HMD	Croatia	Croatian Metrology Society, Zagreb
HP	Denmark	Hewlett Packard, Birkerød
HRBI	Croatia	Brodarski Institute
HUT	Finland	Helsinki University of Technology, Helsinki
IEN	Italy	Istituto Elettrotecnico Nazionale "Galileo Ferraris", Torino
IES	European Commission	Institute for Environment and Sustainability, Ispra, Italy
IFA-CSIC	Spain	Instituto de Física Aplicada, Madrid
IFSCSMC	Ukraine	IFSCSMC, Ivano-Frankyvs'k
IGP	Czech Republic	Institute of Geophysics, Prague
IMGC	Italy	Istituto di Metrologia "G. Colonnelli" del CNR, Torino
INETI-LME	Portugal	Instituto Nacional de Engenharia, Tecnologia e Inovação – Laboratório de Medidas Eléctricas, Lisbon
INM	France	Institut National de Métrologie, Paris
INM	Romania	National Institute of Metrology
INMRI	Italy	Istituto Nazionale di Metrologia delle Radiazioni Ionizzanti
INTI	Argentina	Instituto Nacional de Tecnología Industrial
INTiBS PAN	Poland	Instytut Niskich Temperatur i Badań Strukturalnych (Institute for Low Temperature and Structure Research), Wrocław
IPQ	Portugal	Instituto Português da Qualidade, Caparica
IPQ-LCM	Portugal	Instituto Português da Qualidade – Laboratório Central de Metrologia, Caparica
IPSN	France	Institut de Protection et de Sûreté Nucléaire, Cadarache
IRA	Switzerland	Institut universitaire de Radiophysique Appliquée, Lausanne
IRB	Croatia	Ruđer Bošković Institute
IREE	Czech Republic	Institute of Radio Engineering and Electronics, Prague
IRL	New Zealand	Industrial Research Ltd.,
IRMM	European Commission	Institute for Reference Materials and Measurements, Geel, Belgium
IRSN/SDOS	France	L'Institut de Radioprotection et de Sûreté Nucléaire, Saint Paul-Lez-Durance

Acronym	Country/Region	Institute
ISMIV	Bosnia-Herzegovina	Institute for Standardisation in Metrology and Patents
ITN	Portugal	Instituto Tecnológico e Nuclear, Lisbon
ITPA	Lithuania	Institute for Theoretical Physics and Astronomy, Vilnius
JRC	European Commission	Joint Research Centre
JV	Norway	Justervesenet (Norwegian Metrology Service), Kjeller
KRISS	Korea	Korea Research Institute of Standards and Science
LADG	France	Laboratoire Associé de Débitmétrie Gazeuse
LCIE	France	Laboratoire Central des Industries Électriques, Fontenay-aux-Roses
LCM	Portugal	Laboratório Central de Metrologia
LEI	Lithuania	Lithuanian Energy Institute, Kaunas
LGC	United Kingdom	LGC, Teddington (formerly Laboratory of the Government Chemist)
LNE	France	Laboratoire National de Métrologie et d'Essais, Trappes and Paris
LNEC-LMA	Portugal	Laboratório Nacional de Engenharia Civil - Laboratório de Metrologia Acústica, Lisbon
LNHB	France	Laboratoire National Henri Becquerel, Commissariat à l'énergie atomique, Saclay (formerly BNM-LPRI)
LNMC	Latvia	Latvian National Metrology Centre
LPMO	France	LPMO, Besançon
LPRI	France	Laboratoire Primaire des Rayonnements Ionisants, Commissariat à l'énergie atomique, Saclay (now: BNM-LNHB)
LPTF	France	Laboratoire primaire du Temps et des Fréquences, Observatoire de Paris, Paris
LS	Iceland	Löggildingarstofa, Reykjavík
MENAMET	Middle East and Northern Africa	Middle East and Northern Africa Metrology
METAS	Switzerland	Swiss Federal Office of Metrology and Accreditation, Bern-Wabern
METROCHEM	Czech Republic	METROCHEM
Metrosert	Estonia	AS Metrosert, Tallinn
MIKES	Finland	Centre for Metrology and Accreditation
MIRS	Slovenia	Metrology Institute of the Republic of Slovenia, Ljubljana
MIRS/FE-LMK	Slovenia	University of Ljubljana, Faculty of Electrical Engineering, Laboratory of Metrology and Quality, Ljubljana
MIRS/FS-LTM	Slovenia	University of Ljubljana, Faculty of Mechanical Engineering, Laboratory Production Measurement, Ljubljana
MIRS/S.I.	Slovenia	J. Stefan Institute, Ljubljana
MIRS/SIQ	Slovenia	Slovenian Institute of Quality and Metrology, Ljubljana
MNTC	Lithuania	Microsystems and Nanotechnology Research Centre, Kaunas
MSA	Malta	Malta Standards Authority, Valetta
MSB	Mauritius	Mauritius Standards Bureau, Moka
NCM	Bulgaria	National Centre of Metrology, Sofia
NEL	United Kingdom	National Engineering Laboratory, Glasgow
NGM	Denmark	Reference Laboratory for Dimensional Metrology, Lyngby
NIST	United States	National Institute of Standards and Technology
NMC	Estonia	National Metrology Centre
NMi	The Netherlands	Nederlands Meetinstituut
NMi VSL BV	The Netherlands	NMI Van Swinden Laboratorium BV
NML	Ireland	National Metrology Laboratory, Dublin
NPL	United Kingdom	National Physical Laboratory, Teddington
NRP	Norway	Norwegian Radiation Protection, Østerås
NRPA	Norway	Norwegian Radiation Protection Authority, Østerås

Acronym	Country/Region	Institute
OB	France	Observatoire de Besançon, Besançon
OMH	Hungary	National Office of Measures, Budapest
ON	Switzerland	Observatoire cantonal de Neuchâtel, Neuchâtel
PFI	Lithuania	Institute of Semiconductor Physics, Vilnius
POLATOM	Poland	Ośrodek Badawczo – Rozwojowy Izotopów (Radio-Isotope Centre) POLATOM, Otwock-Świerk
PSB	Singapore	see Spring
PTB	Germany	Physikalisch-Technische Bundesanstalt, Braunschweig & Berlin
Radiometer	Denmark	Radiometer Medical A/S, Brønshøj
Raute Precision	Finland	Raute Precision Oy, Lahti
RIGTC	Czech Republic	Research Institute of Geodesy, Topography and Cartography, Zdíby
ROA	Spain	Real Instituto y Observatorio de la Armada, San Fernando (Cadiz)
RPII	Ireland	Radiological protection Institution of Ireland, Dublin
S.I.	Slovenia	J. Stefan Institute, Ljubljana
SADCMET	Southern Africa	Southern Africa Development Community (SADC) Cooperation in Measurement Traceability
SAMTS	Bulgaria	State Agency for Metrology & Technical Surveillance, Sofia
SCSMC	Ukraine	SCSMC, Bila Tserkva
SIM	Brazil	Sistema Interamericano de Metrología
SIQ	Slovenia	Slovenian Institute of Quality and Metrology, Ljubljana
SM / MD	Belgium	Service de la Métrologie / Metrologische Dienst, Brussels
SMD	Belgium	Service de la Métrologie / Metrologische Dienst, Brussels
SMP	FYR Macedonia	Institute for Standardisation, Metrology and Patents
SMS	Lithuania	State Metrology Service
SMU	Slovakia	Slovensky Metrologický Ustav (Slovak Institute of Metrology), Bratislava
SP	Sweden	Swedish National Testing and Research Institute, Borås
SPRING	Singapore	Singapore (Standards, Productivity and Innovation Board)
SSI	Sweden	Swedish Radiation Protection Institute, Stockholm
SSRI	Ukraine	SSRI "Systema", Lviv
"Systema"		
SSRIM	Ukraine	SSRIM, Kharkiv
State Laboratory	Ireland	State Laboratory, Dublin
STUK	Finland	Radiation and Nuclear Safety Authority, Helsinki
SYRTE	France	Observatoire de Paris, Paris
TR	Norway	Telenor Research, Kjeller
TUT	Finland	Tampere University of Technology, Tampere
UBA	Germany	Umweltbundesamt, Langen
UkrCSM	Ukraine	UkrCSM, Kyiv
UME	Turkey	Ulusal Metroloji Enstitüsü (National Metrology Institute), Gebze
VMC	Lithuania	Vilnius Metrology Centre, Vilnius
VMT	Lithuania	State Metrology Service, Vilnius
VMT/LEI	Lithuania	Lithuanian Energy Institute, Kaunas
VMT/PFI	Lithuania	Institute of Semiconductor Physics, Vilnius
VMT/VMC	Lithuania	Vilnius Metrology Centre, Vilnius
VNIIFTRI	Russia	All-Russian Institute of Physical-Technical Radiotechnical Measurements, Moscow region
VNIIM	Russia	All-Russian Institute for Metrology, Sankt-Petersburg
VNIIMS	Russia	All-Russian Institute for Metrological Service, Moscow
VNIOFI	Russia	All-Russian Institute for Optical and Physical Measurements, Moscow

Acronym	Country/Region	Institute
ZABS	Zambia	Zambia Bureau of Standards, Lusaka
ZMDM	Serbia	Bureau of Measures and Precious Metals, Belgrade



## Major Investments

Project number	Institute	Country	Facility
10001	OFMET	CH	Facility for dosimetry of electron and photon radiation.
10002	PTB	DE	Vacuum Ultraviolet and Soft X-ray Radiometry Facility.
10003	NPL	GB	National Laser Radiometry Facility (NLRF).
10004	NPL	GB	Microwave Antenna Extrapolation/Probe Characterisation Facility.
10006	BNM-LCIE	FR	High voltage shielded room
10007	OFMET	CH	Primary Torque Standard Machine for 1 Nm to 1100 Nm
10008	OFMET	CH	Primary Force Standard Machines from 2.5 N to 110 kN
10010	BEV	AT	Test rig for flow sensors
10011	NPL	GB	Acoustic Pressure Vessel
10012	NPL	GB	2kNm torque standard machine
10013	JV	NO	Fluid Measurement Laboratory
10015	NPL	GB	New National Primary Standard Barometer
10016	NPL	GB	High Vacuum Standard SEA5
10017	BEV	AT	Optical frequency synthesizer (Femtosecond comb generator)
10018	BNM-CEA	FR	Tunable monochromatic X-ray source in the 1-20 keV energy range
10019	IEN	IT	High voltage calibration laboratory
10020	PTB	DE	Facility for high power laser radiometry
10021	PTB	DE	Facility for directional and spatially distributed quantities
10022	PTB	DE	Optical Frequency Standards and Frequency Measurement Facilities
10024	PTB	DE	a:Facilities for transmission of German legal time and UTC(PTB); b:Primary clock ensemble as the basis for accurate time of PTB
10025	PTB	DE	Universal robot-based Goniophotometer
10026	BNM-LNHB	FR	DELPHES (Saturne 43 medical accelerator, GE Medical systems)
10027	METAS	CH	Ultra-precision coordinate measuring machine for small objects
10028	METAS	CH	Anechoic room and half-anechoic room
10029	METAS	CH	Primary frequency standard (FOCS-1)
10030	METAS	CH	Primary Standard for Proton Radiation
10031	IPQ	PT	Optical frequency synthesizer (femtosecond comb generator)

