



Bureau International des Poids et Mesures



Report of the BIPM

Andy Henson
International Liaison Officer, BIPM



Changes in CIPM

On 15 October 2010 Dr Barry Inglis took over as the new President of the CIPM from Prof. Ernst Göbel, who held the position from 2004 to 2010

The Bureau of the CIPM now consists of:

- Dr B. Inglis, President,
- Dr R. Kaarls, Secretary,
- Dr J.W. McLaren, Vice-President,
- Dr W.E. May, Vice-President.

Dr B. Inglis

Dr R. Kaarls

Dr W.E. May

Dr J.W. McLaren

Dr S. Bennett

Dr K. Carneiro

Dr K.H. Chung

Dr Y. Duan

Mr L. Énard

Prof. E.O. Göbel

Dr F. Hengstberger

Prof. L.K. Issaev

Dr H.O. Nava-Jaimes

Dr A. Sacconi

Dr W. Schwitz

Dr M. Tanaka

Prof. H. Ugur

Dr J. Valdés

+ *ex officio* Prof. M. Kühne
Director of the BIPM



BIPM Personnel and Secondees

Changes in Key BIPM Personnel

Andrew Wallard retired at the end of 2010

Michael Kühne took up his post as Director in January 2011



Andy Henson took up his (new) post of International Liaison Officer in April 2010

Richard Davis retired in October 2010 as Director of the Mass Department

Alain Picard became the new Director of the Mass Department

SECONDEES 2010 - 2011

Name	Country	Institute	Dates		BIPM Section
Luis Mussio	Uruguay	LATU	10/03/2008	30/09/2011	JCRB
José Alvarez Romero		IAEA	12/04/2010	9/07/2010	RI
John Fiander	Australia	NMIA	26/03/2010	04/06/2010	E
Jacco de Pooter	The Netherlands	VSL	19/07/2010	12/08/2010	E
Takashi Usuda	Japan	NMIJ	18/09/2010	30/11/2011	Director's Office
Omer Altan	Turkey	UME	9/12/2010	8/12/12	JCRB
Christin Bauer	Germany	PTB Q5	1/07/2010	12/07/2010	JCRB



Membership and status of the CIPM MRA

Membership

• BIPM Members 54

 Argentina	 France	 Mexico	 Thailand
 Australia	 Germany	 The Netherlands	 Turkey
 Austria	 Greece	 New Zealand	 UK
 Belgium	 Hungary	 Norway	 USA
 Brazil	 India	 Pakistan	 Uruguay
 Bulgaria	 Indonesia	 Poland	 Venezuela
 Cameroon	 Iran, Islamic Republic of	 Portugal	
 Canada	 Ireland	 Romania	
 Chile	 Israel	 Russian Federation	
 China	 Italy	 Serbia	
 Croatia	 Japan	 Singapore	
 Czech Republic	 Kazakhstan	 Slovakia	
 Denmark	 Kenya	 South Africa	
 Dominican Republic	 Korea, DPR of	 Spain	
 Egypt	 Korea Republic of	 Sweden	
 Finland	 Malaysia	 Switzerland	

• Associates to the CGPM 32

 Albania	 Lithuania
 Bangladesh	 Macedonia, the FYR of
 Belarus	 Malta
 Bolivia	 Moldova, Republic of
 Chinese Taipei	 Mauritius
 Costa Rica	 Panama
 Cuba	 Paraguay
 Ecuador	 Peru
 Estonia	 Philippines
 Hong Kong (China)	 Seychelles
 Ghana	 Slovenia
 Georgia	 Sri Lanka
 Jamaica	 Tunisia
 Latvia	 Ukraine
	 Vietnam
	 Zambia
	 Zimbabwe
	 CARICOM

2010

CIPM MRA Participation

 Argentina	 France	 Mexico	 Thailand	 Albania	 Macedonia, the FYR of
 Australia	 Germany	 The Netherlands	 Turkey	 Bangladesh	 Malta
 Austria	 Greece	 New Zealand	 UK	 Belarus	 Mauritius
 Belgium	 Hungary	 Norway	 USA	 Bolivia	 Moldova, Republic of
 Brazil	 India	 Pakistan	 Uruguay	 Chinese Taipei	 Panama
 Bulgaria	 Indonesia	 Poland	 Venezuela	 Costa Rica	 Paraguay
 Cameroon	 Iran, Islamic Republic of	 Portugal		 Cuba	 Peru
 Canada	 Ireland	 Romania		 Ecuador	 Philippines
 Chile	 Israel	 Russian Federation		 Estonia	 Seychelles
 China	 Italy	 Serbia		 Hong Kong (China)	 Slovenia
 Croatia	 Japan	 Singapore		 Ghana	 Sri Lanka
 Czech Republic	 Kazakhstan	 Slovakia		 Georgia	 Tunisia
 Denmark	 Kenya	 South Africa		 Jamaica	 Ukraine
 Dominican Republic	 Korea, DPR of	 Spain		 Latvia	 Vietnam
 Egypt	 Korea Republic of	 Sweden		 Lithuania	 Zambia
 Finland	 Malaysia	 Switzerland		 Zimbabwe	 CARICOM

Plus 3 international organisations

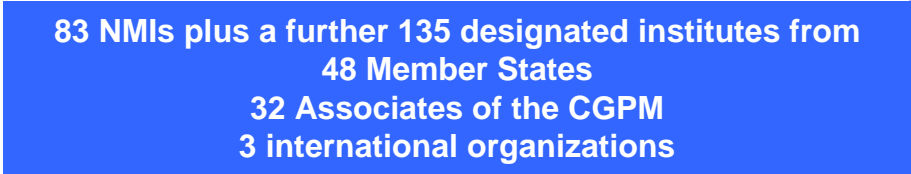
IRMM, IAEA, **WMO**

COOMET- 21

Yerevan, 27 – 28 April, 2011



CIPM MRA Participation



- Member participating in the CIPM MRA
- Associate participating in the CIPM MRA

Potential new MS & Associates

BIPM ACTIONS

BIPM continued working with RMOs, IGOs and organizations on raising awareness about the CIPM MRA.

- The BIPM is working with a number of States interested in participation (BIPM Membership or Associate status with the CGPM). Among them are:

Middle East

- **Saudi Arabia**
- Kuwait
- Oman
- Qatar
- Yemen
- Syria

South America

- Colombia

Africa

- Tunisia (Associate to Member)
- Botswana
- Nigeria

Europe

- **Bosnia & Herzegovina**
- Luxembourg
- Montenegro

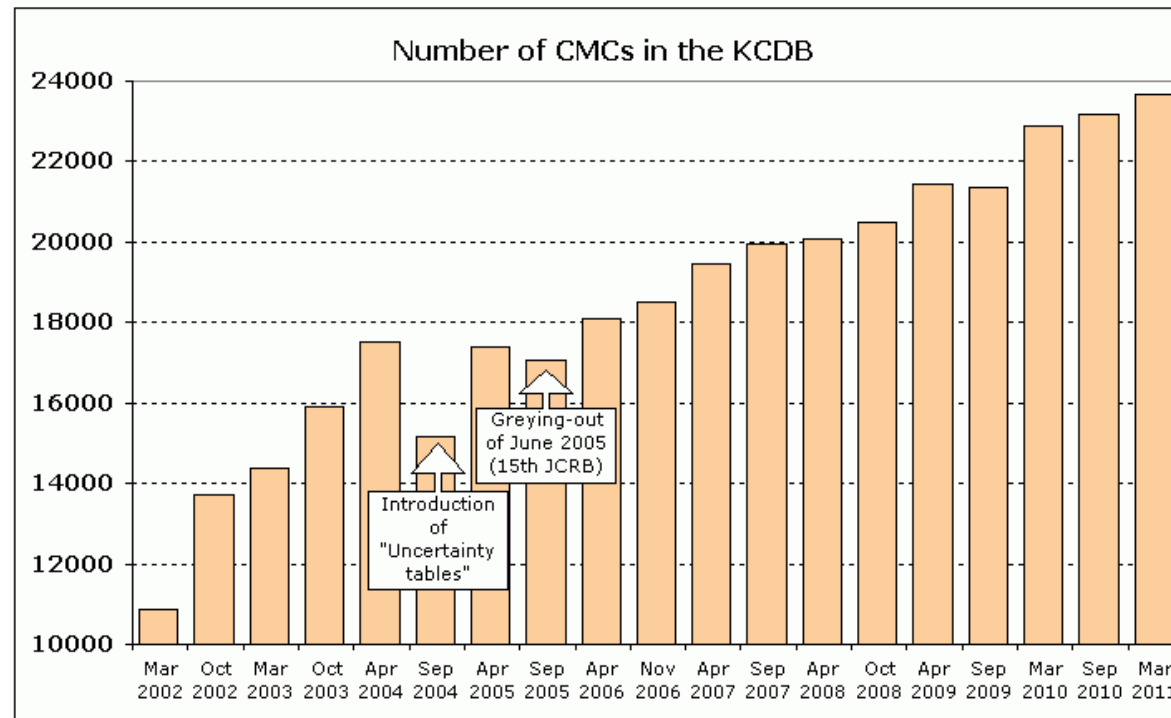
Eastern Europe & Central Asia

- Azerbaijan

Calibration and Measurement Capabilities - CMCs

Situation as on 01 March 2011 - Evolution since March 2002

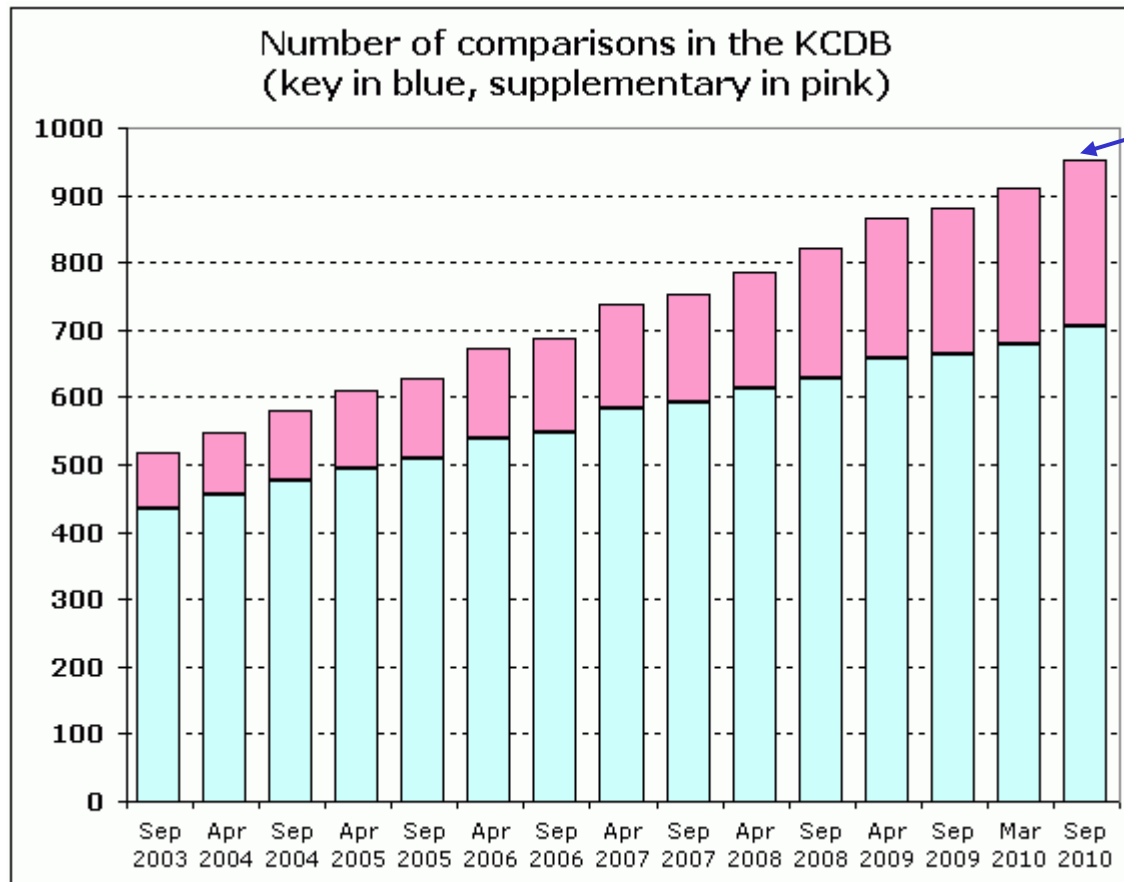
23 685 CMCs published in the KCDB (+500 since last JCRB)



31 January 2011: very first set of CMCs published for Paraguay (M)

Key and supplementary comparisons

Evolution since September 2003



Not far from
1000!

Analysis of the visits to the KCDB website

Over 2009, 90 000 visitors opened a total of 821 000 KCDB web pages

Over 2010, 85 000 visitors opened a total of 1 250 000 KCDB web pages

- **Average number of monthly visits roughly constant (7 200 visits/month)**
- **Significant increase of the average number of pages consulted during each visit and of the average duration of each visit (378 s in 2010)**

Our “key” communities (NIMs, regulators, accreditors, etc.) are here and are showing a growing interest in the information displayed by the KCDB

- **All pages equally visited**
- **Visitors come from all over the world**
- **25 % of them reach the KCDB from links proposed in other websites (against 25 % in 2009), 70 % reach via personal bookmarking, direct URL address typing or using links given in e-mails, and 5 % from Internet search engines**



KCDB Newsletter

Latest issue: No 14, issued in December 2010

Among other topics (news on CIPM MRA, KCDB, JCRB, CMCs in Nanometrology, SI, etc.) it included a comprehensive report on BIPM key comparisons

Next issue: No 15, to be issued in June 2011

It will be a special issue on “Chemistry and the KCDB”

KCDB system – web programming

The KCDB website on CMCs in Chemistry is currently being modified. The aim is to replace the acronym “QM” by the word “Chemistry”, and to offer some new functionality, especially inserting the BIPM free-text search engine in the pages of CMCs in Chemistry.

Changes are scheduled to be on line at the time of next CCQM meeting.



2010 – 2011 Events and activities

2010 Events

BIPM Workshop on Metrology at the Nanoscale

February 18-19, 2010

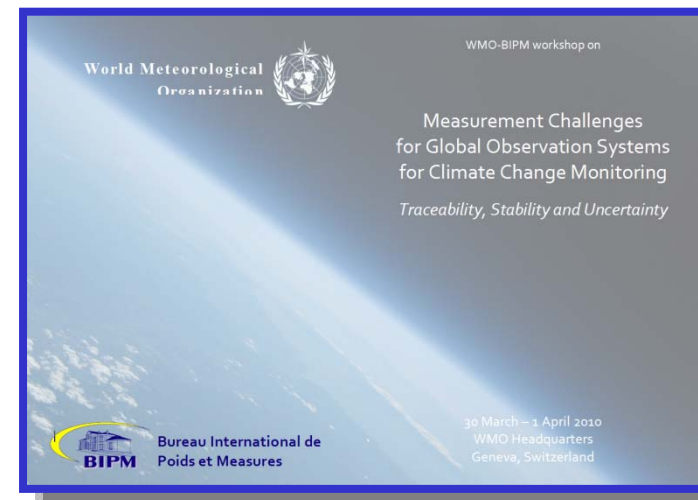
[Report](#) available on BIPM website

Measurement Challenges for Global Observation Systems and Climate Change Monitoring

March 29 – April 2

2010 – WMO, Geneva (CH)

[Report](#) available on BIPM website





2011 Meetings and Events

**Workshop on Microbiology:
“Role for Reliable Traceable Microbiological Measurements
to Ensure Food Quality and Safety”**

BIPM, April 6-7, 2011

**5th CCM International Conference
on Pressure Metrology**

May 2-5, 2011, Berlin

24th General Conference on Weights and Measures

Paris, October 17-21, 2011

53.17

Measurements in Chemistry



World Metrology Day
20 May 2011
www.worldmetrologyday.org

Mesures en chimie



**Journée mondiale
de la métrologie**
20 mai 2011
www.worldmetrologyday.org



Bureau International des Poids et Mesures



Andy Henson
BIPM

