



INSTITUT ZA MJERITELJSTVO BOSNE I HERCEGOVINE \* NHCTUTYT 3A METPOJOFUJY БОСНЕ И XEPLJEFOBUHE \* INSTITUTE OF METROLOGY OF BOSNIA AND HERZEGOVII

# History of (Institute of) metrology in Bosnia and Herzegovina

On <u>September 1, 1912</u> as a part of Austro-Hungarian Monarchy Bosnia and Herzegovina got the **Low on measures in B&H** 

Institute of Standards, Metrology and Patents of Bosnia and Herzegovina from 1992 - 2000, as a governmental institution.

Institute of Standards, Metrology and Intellectual Property of Bosnia and Herzegovina has been established in 2000, as a governmental institution.

The Institute of Metrology of B&H (IMBIH) has been established by restructuring the above mentioned Institute, as projected by the Law on Establishing the Institute for Metrology of B&H, issued in September 2004. Final separation between Institute of Metrology of B&H, Institute of Standardization of B&H and Institute of Intellectual Property of B&H has been done on January 1, 2007.

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3



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## Metrology system in B&H - Institutional structure

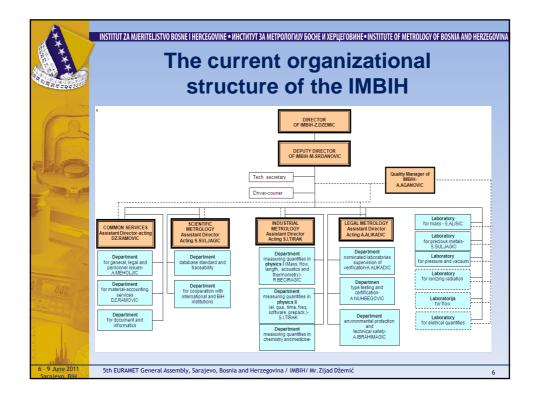
#### Consists of:

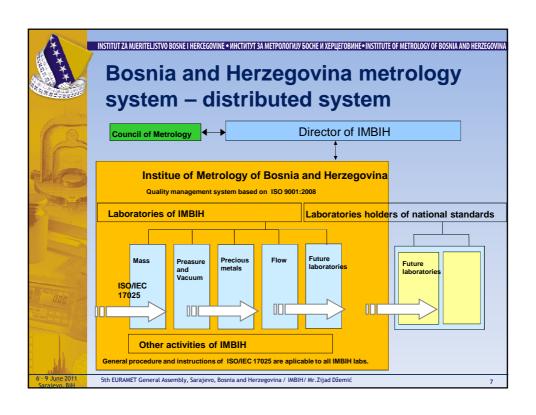
- ➤ The Institute of Metrology of Bosnia and Herzegovina (IMBIH);
- ➤The Entity Bureaus of Metrology: Bureau of Metrology of Federation B&H and Republic Bureau of Standardization and
- ➤ Metrology of Republic of Srpska;
- Nominated metrological Laboratories and Bodies (e.g. verification laboratories);
- ➤ Conformity assessment bodies for measuring instruments;
- ➤ Calibration laboratories.

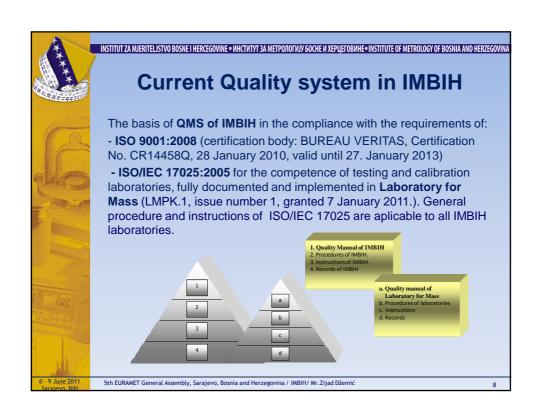
Establishment of **distributed metrology system** is in its early phase.

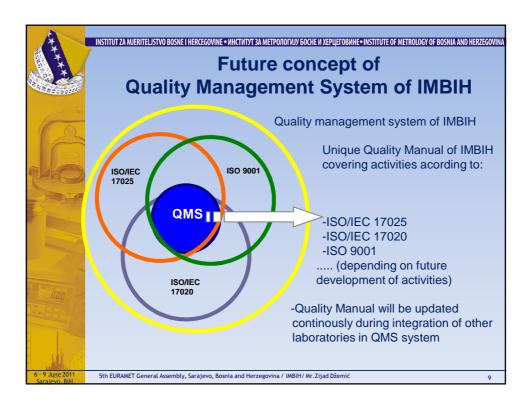
6 - 9 June 2 Sarajevo, F 5th EURAMET General Assembly, Sarajevo, Bosnia and Herzegovina / IMBIH/ Mr. Zijad Džemić

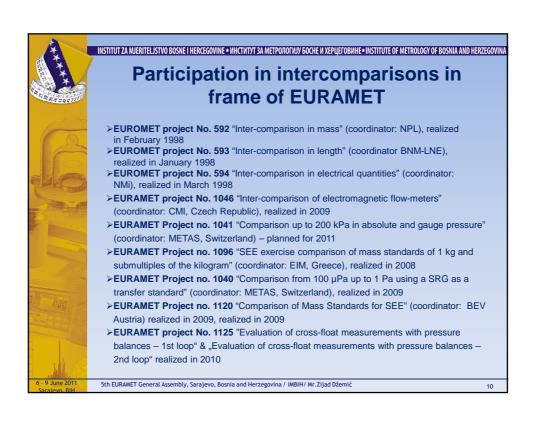














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### IMBIH in process to declare first CMC in KCDB

- > IMBIH Member of EURAMET since 2009
- ➤ EURAMET intercomparison 1120 It is KCDB comparison linked to both EUROMET.M.M-K4 and EUROMET.M.M-K2 via BEV (Austria) and EIM (Greece). The comparison included weights of 1 kg, 500 g, 20 g, 2 g, 100 mg.
- ➤ Draft B of EURAMET 1120 was presented on TC Mass Meeting on March 2<sup>nd</sup> 2011, on Malta. Results of Laboratory for Mass of IMBIH show very good agreement with reference value.
- ➤ Presentation of **Qulaity system of IMBIH with** Laboratory for Mass Approved on **TC Q Meeting in 2011** in Belgrade
- >IMBIH to publish first CMC in KCDB database CMC in mass field

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11



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New information on <a href="http://www.bipm.org/">http://www.bipm.org/</a>

New associate of the CGPM:

Bosnia and Herzegovina:

As of 24 May 2011,

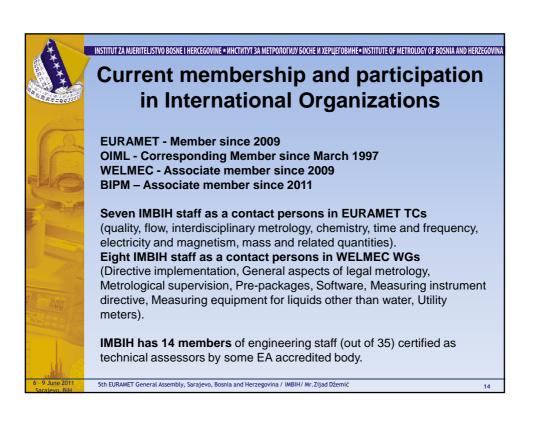
Bosnia and Herzegovina is an Associate of the CGPM.

6 - 9 June 2011

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12







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## Current international cooperation and assistance

- ➤Instrument of Pre-Accession new EC assistance instrument IPA 2007, IPA 2008, IPA 2009
- ➤ EU TAIEX programs of education
- > Regional Cooperation in South-Eastern Europe lead by PTB
- ➤ Cooperation with IMT and Government of Slovenia
- ➤ Bilateral Cooperation with PTB (Germany) from 2009
- ➤ Bilateral Cooperation with BEV (Austria) from 2009
- ➤ Bilateral Cooperation with UME (Turkey) from 2008
- ➤ Bilateral Cooperation with MIRS (Slovenia) from 2008

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15



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### Plans for development

IMBIH will carry out a tasks which include:

- Facilitating traceability to the primary realizations of the SI,
- > Coordinating intercomparisons of national measurements standards,
- Recognition of national measurement standards towards their international recognition,
- >Legal metrology and development of geograficaly distributed system of metrology,
- >Cooperation in metrological research and development,
- Sharing technical capabilities (in particular special facilities),
- > Developing technical competencies and quality systems,
- >Laboratories accreditation;
- ➤IMBIH shall encourage private and public sector in obtaining the appropriate appointment of designated laboratories in order to expand distributed system of metrology
- Continuous education for its personnel, follow-up trainings.

6 - 9 June 20 Sarajevo, B 5th EURAMET General Assembly, Sarajevo, Bosnia and Herzegovina / IMBIH/ Mr. Zijad Džemić

16

