

55th EOQ Congress
World Quality Congress
Budapest, Hungary - June 20-23, 2011

"Navigating Global Quality in a New Era"



June 22, 2011 (Wednesday) 55th EOQ Congress

CONCURRENT SESSIONS
KEMPINSKI HOTEL CORVINUS

Wednesday 8:30 – 10:30
Erzsébet tér 7-8, Budapest V.

SALON BANDINI/MARZINO

Wednesday 11:00 – 12.30

16.1. ACCREDITATION AND SUSTAINABILITY

Session Chair: *Thong Ngee Goh, University of Singapore, Singapore*

11.00 The European Accreditation Infrastructure and the Importance of the EA MLA
Rózsa Ring, National Accreditation Body, Hungary

Ring, Rózsa (Hungary)

Educated as a Mathematician and an Economist, she started to work in the Computer Science Research Institute; worked for the occupational health authority in designing and evaluating experiment and developing quality management systems in laboratories; joined the Hungarian Standards Office for participation in the national, European and international standardisation in the fields of mathematical statistics, quality management and conformity assessment and taking part in the establishment of the first accreditation and certification schemes in Hungary in 1988; took an active role in the development of accreditation in Hungary and since its establishment in 1995 she has been the Managing Director of the Hungarian Accreditation Board, the sole Hungarian accreditation body for conformity assessment being a full member of the European and international accreditation co-operations. She serves as an accreditation expert in many EU projects, and she is executive committee member of the European co-operation for Accreditation (EA) since 2006, EA Treasurer since 2009, author/co-author of 10 books and a range of studies on quality.



European
co-operation for
Accreditation

The European Accreditation Infrastructure and the Importance of the EA MLA

Dr. Rózsa Ring

Director, Hungarian Accreditation Board (NAT)
Treasurer and Executive Committee member of EA

55th EOQ Congress, Budapest 2011

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Dr. Rózsa Ring

- ✓ Mathematician, Economist
- ✓ Accreditation from 1988
- ✓ Director of NAT from 1995
- ✓ EA Executive Committee member from 2006
- ✓ EA Treasurer from 2009
- ✓ EU accreditation expert
- ✓ UN/ECE rapporteur on accreditation 1992-2000
- ✓ Hungarian representative to the EA-GA, EA-HHC, EA-MAC, FALB, ILAC, IAF
- ✓ Board member of 2 professional associations
- ✓ Editorial Board member of 2 Journals on Quality
- ✓ Author/co-author of 10 books on quality
- ✓ > 150 articles on accreditation
- ✓ > 360 lectures on accreditation

Introduction



**Hungarian Accreditation
Board (NAT)**

www.nat.hu

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 European
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What is accreditation?

The European accreditation infrastructure

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International recognition

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Status quo

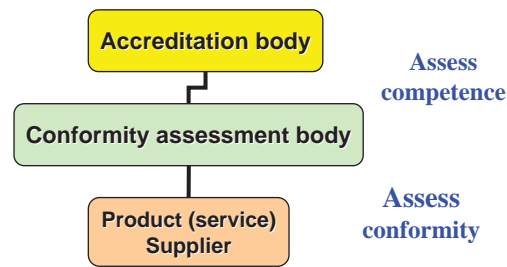
**The term „accreditation” is not copyright
and has a wide dictionary meaning:**

- ❖ **International healthcare accreditation**
- ❖ **Hospital accreditation**
- ❖ **Educational accreditation**
- ❖ **Diplomatic accreditation**
- ❖ **Accreditation of investors**
- ❖ **Accreditation of journalists**

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Accreditation and conformity assessment



Accreditation

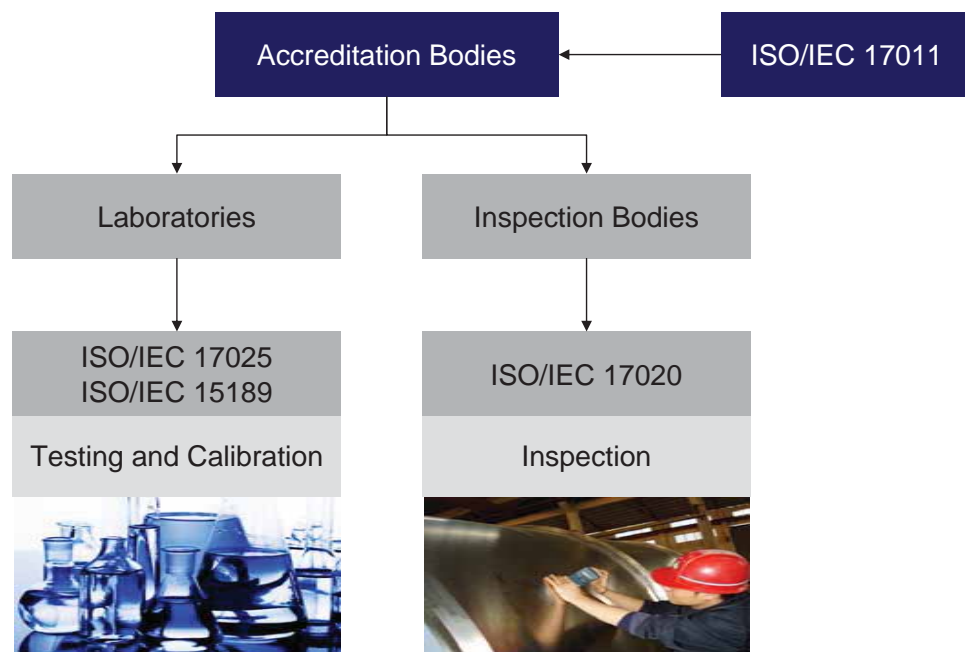
Third-party attestation related to a conformity assessment body conveying formal demonstration of its competence to carry out specific conformity assessment tasks

(ISO/IEC 17011:2004)

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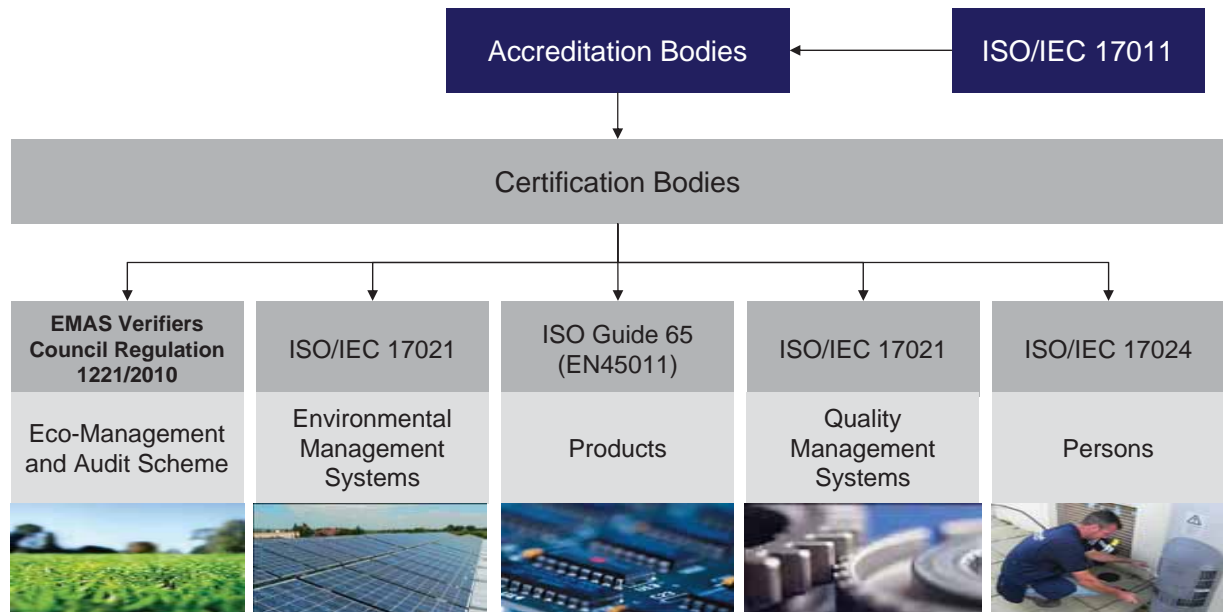
Standards for accreditation (1)



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Standards for accreditation (2)



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Regulation on accreditation

765/2008/EC Regulation

on accreditation and market surveillance

effective from 1 January 2010

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The European accreditation infrastructure ⁽¹⁾

- ❖ **National accreditation bodies** (Art. 4, 5, 6, 8)
- ❖ **Cross border accreditation** (Art. 7)
- ❖ **Peer evaluation** (Art. 10)
- ❖ **Presumption of conformity for national accreditation bodies** (Art. 11)

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The European accreditation infrastructure (2)

European accreditation infrastructure (Art. 13, 14)



Agreement with the Commission for the tasks of

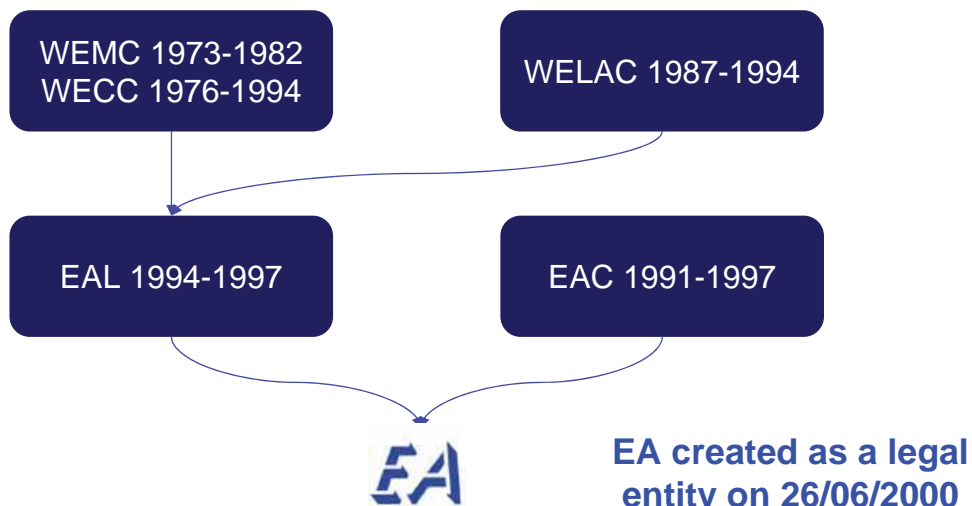
- ❖ develop evaluation criteria and procedures for peer evaluation
- ❖ develop sectoral accreditation schemes
- ❖ management of the peer evaluation scheme

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Origins of EA

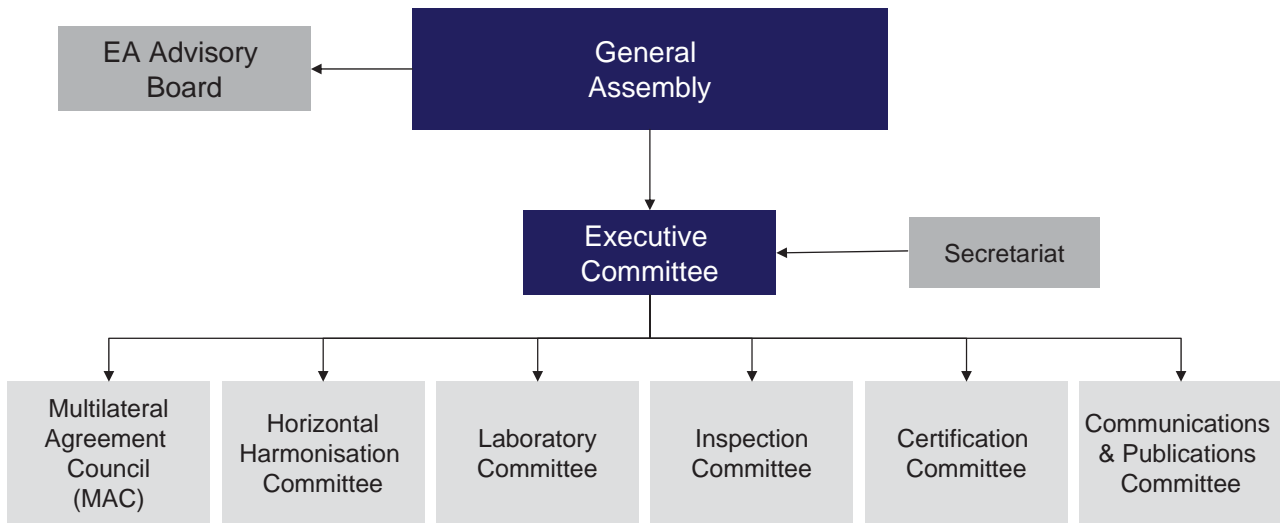
EA was created in 1997 but its origins extend back further



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EA organizational structure



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Development of European accreditation

EA Development Strategy 2010-2015

- ❖ Strengthening use of accreditation and the EA
MLA as a basis for notification
- ❖ Reinforce the peer evaluation system
- ❖ Reconsider, improve organisation and structure
- ❖ Increase resources
- ❖ Reinforce relations with all stakeholders
- ❖ Reinforce cooperation with AB's of the European Neighbouring Policy (ENP)
- ❖ Reinforce influence in the international accreditation organisations

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EA MLA ⁽¹⁾

- ❖ **The EA MLA is an agreement signed between the EA accreditation body members to recognise the equivalence, reliability and therefore acceptance of accredited certifications, inspections, calibration certificates and test reports across Europe.**
- ❖ **The EA MLA eliminates the need of products or services to be certified in each country where they are sold acting as a "passport for trade,,**

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EA MLA ⁽²⁾

The EA Multilateral Agreement accepts:

- ❖ **the equivalence of the operation of the accreditation systems administered by EA MLA signatories;**
- ❖ **that the certificates and reports issued by organisations accredited by EA MLA signatories are equally reliable.**

Structure of EA MLA ⁽¹⁾

Tier 1: ISO/IEC 17011

Tier 2: accreditation activity (scope) in which the AB has demonstrated competence (like testing, calibration, certification of products, management systems, persons, inspection)

Tier 3: generic standards or normative documents used by the AB to assess the CAB technical competence for each accreditation activity (like ISO/IEC 17025, 17020, 17021, 17024, ISO 15189, EN 45011)

Structure of EA MLA (2)

Tier 4: sector specific standards or normative documents used in combination with one of the generic standards of tier 3 (like ISO/TS 22003, ISO/IEC 27006 or schemes like WADA)

Tier 5: standards or normative documents used by the accredited CAB to deliver an accredited conformity assessment service, like test methods or standards at the laboratories, ISO 9001 or other management systems standards, product specification or standards, national or international schemes or normative documents issued by the regulators.

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Scopes of EA MLA

Accreditation of laboratories	Testing, calibration medical analysis	EN ISO/IEC 17025 ISO 15189
Accreditation of certification bodies	Certification of products	EN 45011 (ISO/IEC Guide 65)
	Certification of management systems	EN ISO/IEC 17021
	Certification of persons	EN ISO/IEC 17024
Accreditation of inspection bodies	Inspection	EN ISO/IEC 17020

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Activities of the EA-member ABs (1)

Accreditation covered by the EA MLA

- ✓ **Testing laboratories**
- ✓ **Calibration laboratories**
- ✓ **Inspection bodies**
- ✓ **Certification bodies for products**
- ✓ **Certification bodies for persons**
- ✓ **Certification bodies for management systems (QMS, EMS, OHSAS, FSMS, ISMS)**

Activities of the EA member ABs (2)

Accreditation not covered by EA MLA

- ❖ **EMAS verifiers – FALB**
- ❖ **PT providers – in progress**
- ❖ **EU-ETS – in progress**
- ❖ **GHG verifiers**
- ❖ **RM producers**
- ❖ **Attestors for public procurement**
- ❖ **Good Laboratory Practise**

EA MLA Signatories

30 Full Member accreditation bodies have signed the EA MLA, out of which 25 have signed for all accreditation activities covered by the EA MLA.

 Austria	 France	 Luxembourg	 Slovenia
 Belgium	 Germany	 Malta	 Spain
 Bulgaria	 Hungary	 Netherlands	 Sweden
 Croatia	 Greece	 Norway	 Switzerland
 Czech Rep.	 Ireland	 Poland	 Turkey
 Denmark	 Italy	 Portugal	 United Kingdom
 Estonia	 Latvia	 Romania	
 Finland	 Lithuania	 Slovakia	

Full details of the scope for MLA Signatories can be found on the EA website

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International accreditation



**International Laboratory Accreditation
Cooperation**



International Accreditation Forum

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International recognition ⁽¹⁾



ILAC MRA signatories
71 accreditation bodies from 56 economies



IAF MLA signatories
49 accreditation bodies from 44 economies

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International recognition (2)



Inter American Accreditation Cooperation



Asia Pacific Laboratory Accreditation Cooperation



Pacific Accreditation Cooperation



Southern African Development Community Accreditation

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Finally

- ❖ **The international accreditation network is growing as more economies have set up competent national Accreditation Bodies. Since 2003, the number of new established Accreditation Bodies has grown by almost 45% globally. In Europe, all Member States and all candidate countries have established a national Accreditation Body.**
- ❖ **The number of accredited bodies in Europe has increased significantly in the last five years. Today there are more than 22 500 bodies accredited by EA MLA members, compared to 14 000 in 2004, representing growth of more than 60%. At the international level, there are almost 34 000 accredited laboratories, representing a similar growth rate since 2004.**

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**Thank you for your kind
attention!**

Questions?



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