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JRC INFORMATION DAY
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Croatian Accreditation Agency-
an Important Pillar of Croatian
Quality Infrastructure

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Croatian Accreditation Agency

OUTLINE

- International economic integration
- QI/Accreditation in Croatia (overview)
- Croatian Accreditation Agency (HAA)
- Conclusion



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INTERNATIONAL ECONOMIC INTEGRATION

- WTO/TBT Agreement - 2000
- EU/SAA Agreement - 2001
- CEFTA - 2002/2006
- Application for EU full membership – 2003
- Candidate country – 2004-06-18
- Bilateral agreements on free trade



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ACCREDITATION IN CROATIA (1)

1992 - State Office for Standardization and Metrology (DZNM)

- metrology (Metrology Act)
- standardization (Standardization Act)
- conformity assessment (Standardization Act)

authorization of CABs for mandatory testing and certification
of industrial products – "old" technical regulations

ACCREDITATION IN CROATIA (2)

1996 - DZNM – National accreditation service

(Law on Standardization, Official Gazette No. 55/96)

1996 – 1998 Education / training, study visits,
setting-up of the voluntary accreditation schemes

HRN EN 45000 (international project **AMOS**)

1998 – granted first accreditation certificates – 3 testing labs



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ACCREDITATION IN CROATIA (3)

1997– Affiliate member EAL

1998 – Establishment of a training centre for accreditation

1999 – Associate member EA

2002 – Associate member ILAC

ACCREDITATION IN CROATIA (4)

2003 – Law on Accreditation

(Official Gazette No 158/2003)

**2004 / 2005 – Governmental Decree on Establishing of the
Croatian Accreditation Agency**

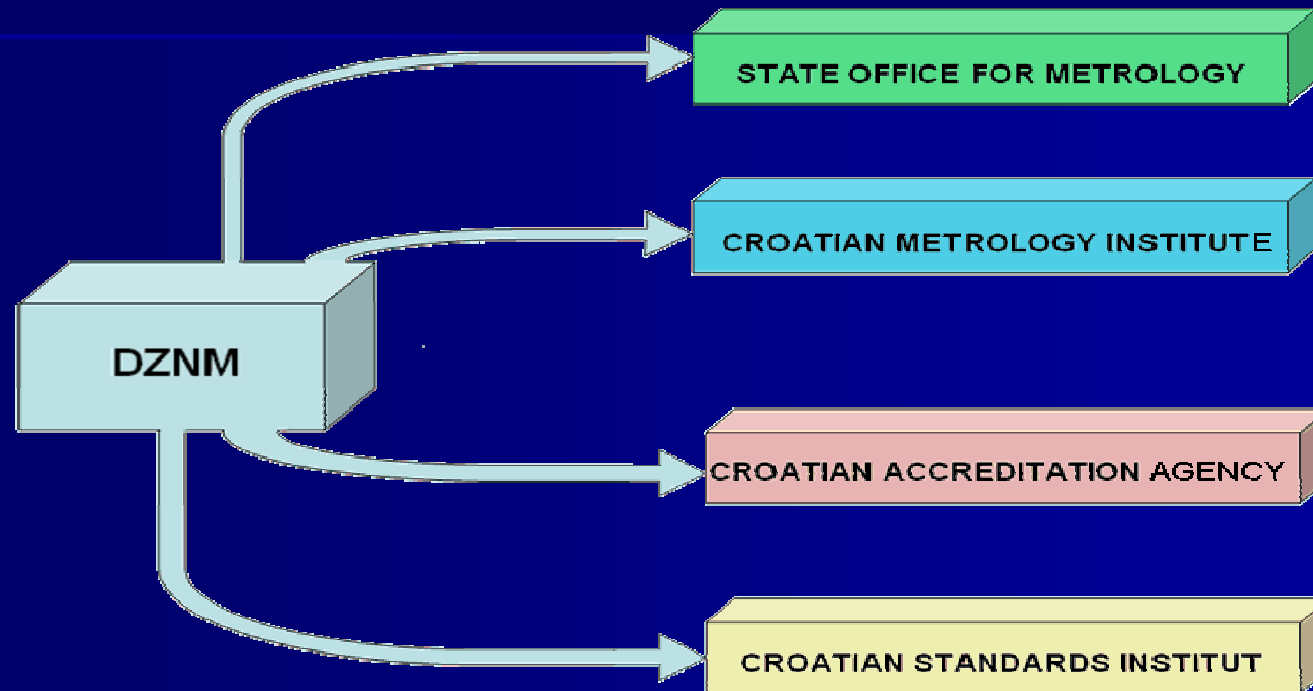
(Official Gazette 158/2004 ; 44/2005)



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REORGANIZATION OF DZNM



CROATIAN INFRASTRUCTURE FOR QUALITY

National standards body →



National metrology institute →



National accreditation body →



NEW TECHNICAL LAWS IN CROATIA

- Law on Technical Requirements for products and on Conformity Assessment, Official Gazette 158/03, 79/07)
- Law on General Product Safety (Official Gazette 158/03, 107/07)
- Law on Accreditation (Official Gazette 158/03)
- Law on Standardization (Official Gazette 163/03)
- Law on Metrology (Official Gazette 163/03, 111/07)

**State authorities: technical regulations and
market surveillance**

National standards body: standards

**National accreditation body: assessment of competence of
conformity assessments body**

**National metrology institute: assurance of traceability to
international system of units**



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Laboratories

- testing
- calibration

Certification bodies

- products
- QMS, EMS, ...
- personnel

Inspection bodies

Producers / Customers, Consumers, Clients



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ACCREDITATION IN CROATIA (5)

2005 – Structure of HAA

- Statute and internal rules of procedure of HAA
- Management system of HAA
(HRN EN ISO/IEC 17011:2005)
- IT system (Data base, web)
- Financial Management and Control System (FMC)
(Law on Internal Financial Control System in Public Sector, Official Gazette 141/2006)

ACCREDITATION IN CROATIA (6)

11/2005 – HAA - full member in EA

3/2007 – HAA - application for EA-MLA

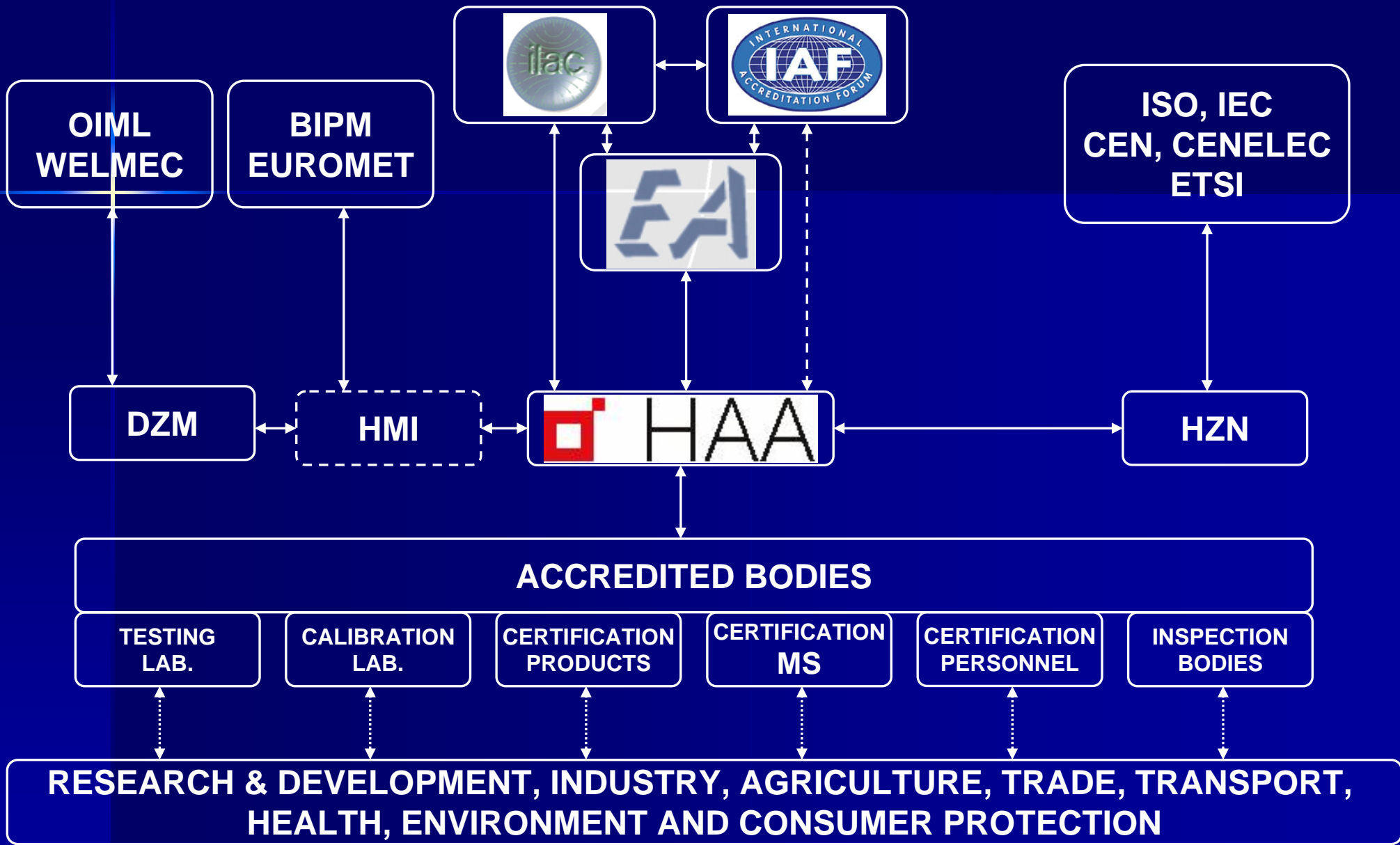
6/2008 – HAA pre-evaluation by EA

HAA – contribution to signing PECA/ACAA agreement on conformity assessment and acceptance of industrial products (SAA, Article 73)



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STRATEGIC GOALS of HAA

- To establish a credible Croatian accreditation system that will ensure **confidence in the products and service** on the market.
- Croatian test reports and certificates to be **accepted** on the EU internal market and worldwide.



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BASIC TASKS of HAA (1)

- To be competent according to the requirements of series of standards HRN EN 45000 / HRN EN ISO/IEC 17000
- To participate in the work of: EA, ILAC, IAF
- Multilateral Recognition Agreements
EA-MLA, ILAC-MRA, IAF-MLA
- Recognition of test reports and certificates of conformity in Europe and world-wide



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BASIC TASKS of HAA (2)

- Support to state authorities in designation of conformity assessment bodies (CABs) – safety, health, environment, consumer protection
- To support Croatian economy to be competitive internationally.



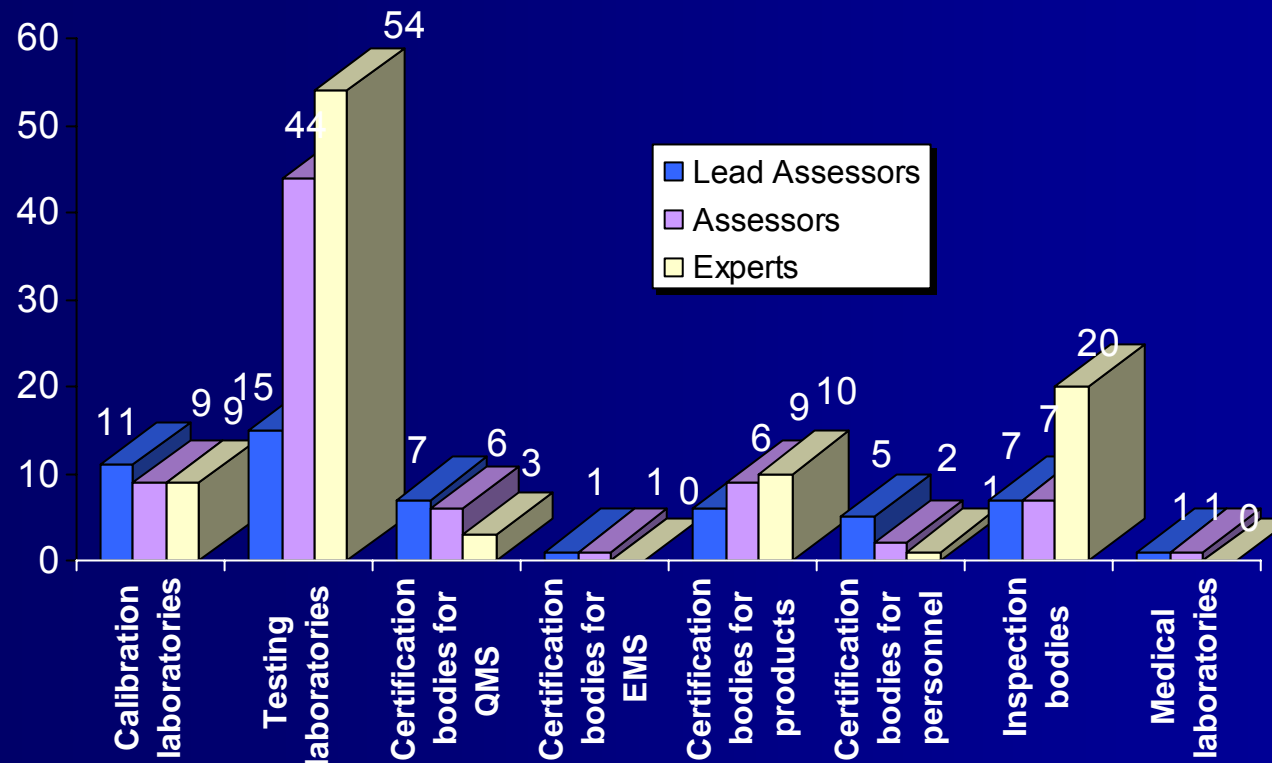
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HAA PERSONELL AND ASSESSORS

- 22 permanent staff (+ 4 by the end 2008)
53 lead assessors
79 technical assessors
97 experts
- Training program: assessment techniques, informatics, communication skills, English
- Study visits, observers, joint assessments,...

HAA assessors in different accreditation schemes (status 2008-03-10)



PROFICIENCY TESTING PROGRAMS (PT)

- **Participation in international PT schemes:**
EA, APLAC, IRMM, CEN, PRAQ III, AFNOR, CMI/DZNM,
CMI/HAA, CMI
12 PT schemes, 71 laboratories
- **Summary report for 2006:**
106 PT schemes: 38 testing laboratories
2 ILC programs: 2 calibration labs
- **Summary report for 2007:**
120 PT schemes: 44 testing laboratories
5 ILC programs: 5 calibration labs



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TECHNICAL ASSISTANCE PROGRAMS

- AMOS (1996 - 2000) accreditation
- PTB/DZNM (1999 - 2005) metrology
- CARDS 2001 (2003 - 2005) accreditation
AFNOR + **UKAS** + CAI + COFRAC + INAB + SAS
- CARDS 2003 (2005 - 2006): AFNOR + CAI + COFRAC
- **CARDS 2004 (2007 – 2008): EC / JRC**
- CARDS 2002 regional - QI (2004 - 2006)
- CARDS 2006 regional – QI (2007 – 2008)

CARDS 2004 – EC/JRC

HAA activities:

- Trainings/workshops, seminars in “Metrology in Chemistry”
- Joint assessments in Croatia: 3 labs
 - drinking water
 - waste water
 - air emissions
- Observing assessments of labs abroad
- Updating of HAA Strategy (2008-2010)

NATIONAL METROLOGY INSTITUTE (DZM)

Ensures traceability to SI

Accredited by EA-MLA signatories:

Length	SIT
Mass	DKD
Density	DKD
Pressure	DKD
Temperature	DKD
Force	DKD
Electrical quantities	DKD
Sound pressure	DKD
Radiation densitometry	DKD



Potvrda o akreditaciji
Accreditation Certificate

Ovime se utvrđuje da je
This is to recognize that

posposložen prema zahtjevnim normama
HRN EN ISO/IEC 17025:2004
(ISO/IEC 17025:2005) za
is competent according to
HRN EN ISO/IEC 17025:2004
(ISO 17025:2005) to carry out

Ime/no.
Klasa:
Urbinaj:
Zagreb,

Akreditacija vrijedi do: Accreditation expiry:
Prva akreditacija-First accreditation:
Stranica priloga- Annex page:

Responsible:
Director General :
Mr. sc. Biserka Bajžek Buzjak, dipl. ing.



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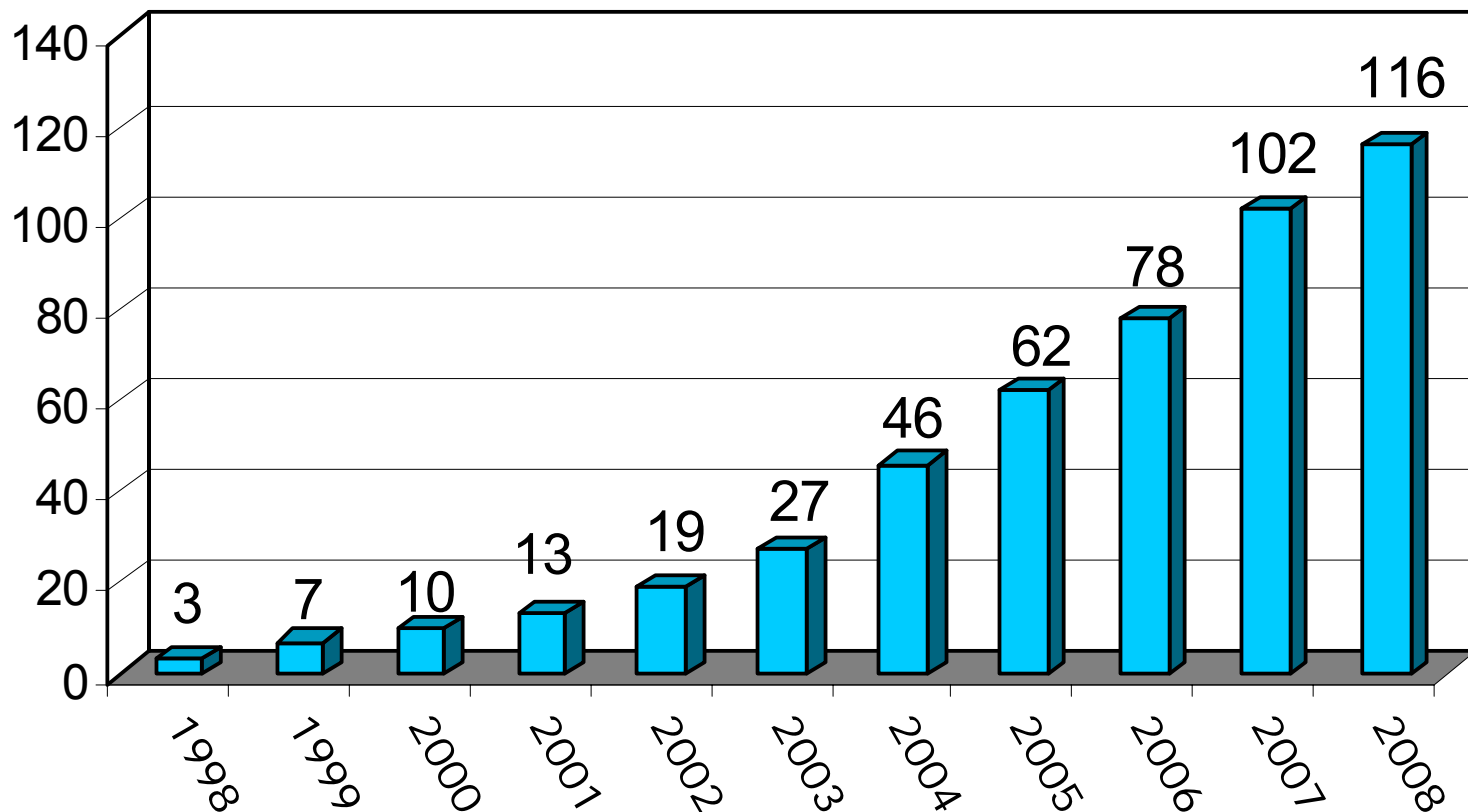
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Accreditation mark

■ Total number of accredited bodies



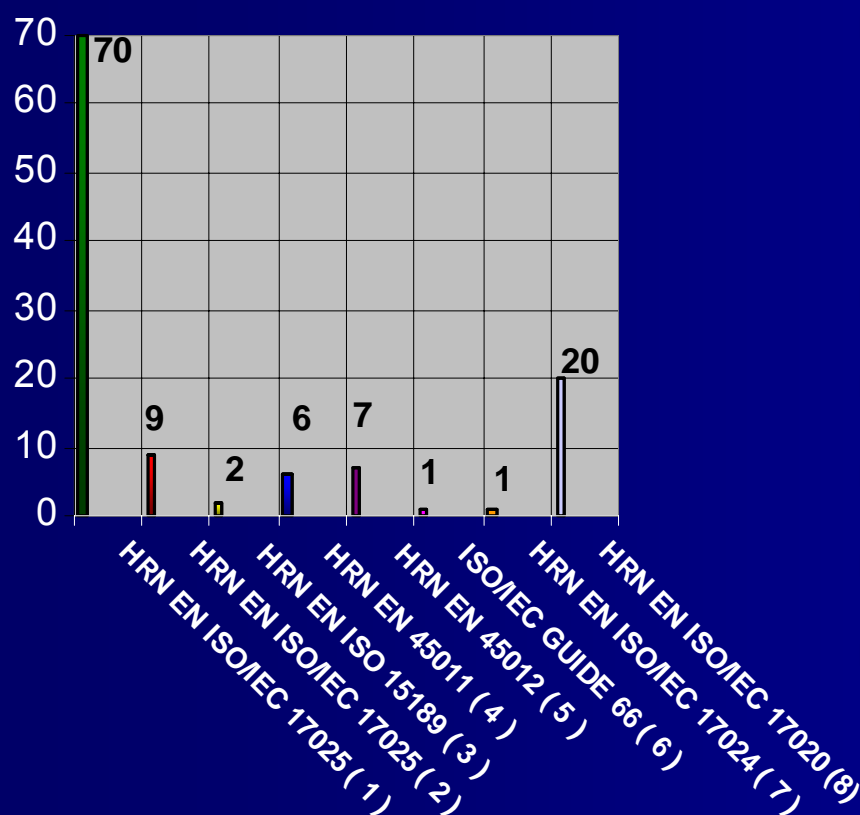
Status: 2008-04-02



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STRUCTURE OF ACCREDITED BODIES



- Testing laboratories (1)
- Calibration laboratories (2)
- Medical laboratories (3)
- Certification bodies for products (4)
- Certification bodies for quality management system (5)
- Certification bodies for environmental management system (6)
- Certification bodies for personnel (7)
- Inspection bodies (8)

Status: 2008-04-02

ACCREDITATION IN MANDATORY FIELD (1)

Co-operation with state authorities (ministries)

- Contract with Ministry of economy on assessment of CABs competence – 7/2007

Accreditation – precondition for designation of CABs

“new” and “old” approach directives



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ACCREDITATION IN MANDATORY FIELD (2)

Implementation of “New Approach directives”

- LVD, EMC, ATEX (*CARDS 2003*) – 2006-2007 finished
- Construction products (*CARDS 2003*) – 2006-2007 finished
- Machinery (*SIDA*) – 2007-2008
- Personal protective equipment (*SIDA*) – 2007-2008
- Pressure equipment (*PHARE 2006*) – 2008
- Lifts (*PHARE 2006*) – 2008
- Gas appliances, ...

ACCREDITATION IN MANDATORY FIELD (3)

Sector laws:

- food and feedstuffs
- organic farming
- wastes
- noise
- non-ionizing radiation
- ionizing radiation
- oil products
- motor vehicles
- environmental protection (water, air, soil)
- slot machines & gambling tables



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ACCREDITATION SCHEMES IN PROGRESS (1)

- EMAS – *Eco-Management & Audit Scheme*

Taieux – 2007 awareness raising seminar for interested parties

2008 workshops in Zagreb, Split, Rijeka, Osijek

ministry responsible for environmental protection,

Croatian Chamber of Commerce

Croatian Cleaner Production Centre

- Medical laboratories – HRN ISO 15189

2 pilot labs (CARDS 2003) – accredited 12/2007

ACCREDITATION SCHEMES IN PROGRESS (2)

Ministry of agriculture

Food Law (Official Gazette 46/07)

- official food control – testing – HRN EN ISO/IEC 17025
 - Food - designation of origin (O.G. 80/05)
 - Food - geographical indications (O.G. 80/05)
 - Food - traditional reputation (O.G. 127/05)
- } HRN EN 45011



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MAIN FIELD of HAA ACTIVITIES

- Internally: structure, management system
staff/education, training, monitoring
- Externally: relationship with stakeholders
 - governmental bodies (mandatory area)
 - clients and accredited bodies
 - assessors
 - metrology, standardization (DZM, HZN)
 - industrial/trade associations (HGK, HOK,...)
 - professional org.(CROLAB, HDK, HMD,...)
 - ...



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CONCLUSION

- Accreditation is vital to the competitive positioning of Croatia in Europe and internationally
- HAA – operational, technical and administrative competent
- Application for EA – MLA 3/2007; evaluation in course
- Contribution of HAA to ACAA in benefit to Croatian exporters
- Contribution of HAA to reliable conformity assessment system in Croatia in benefit to Croatian society



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