



IEC CAB Chair address to IECEx



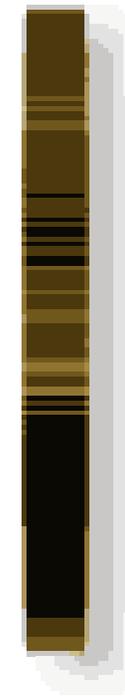
Ulrich Spindler

IEC Vice-President
and CAB Chair

IEC value creation

- **Using standards = CA**
- **Standards and CA
are like two sides of a coin...**

**...neither side has value
without the other**
- **$SD + CA = Value$**





IEC in figures

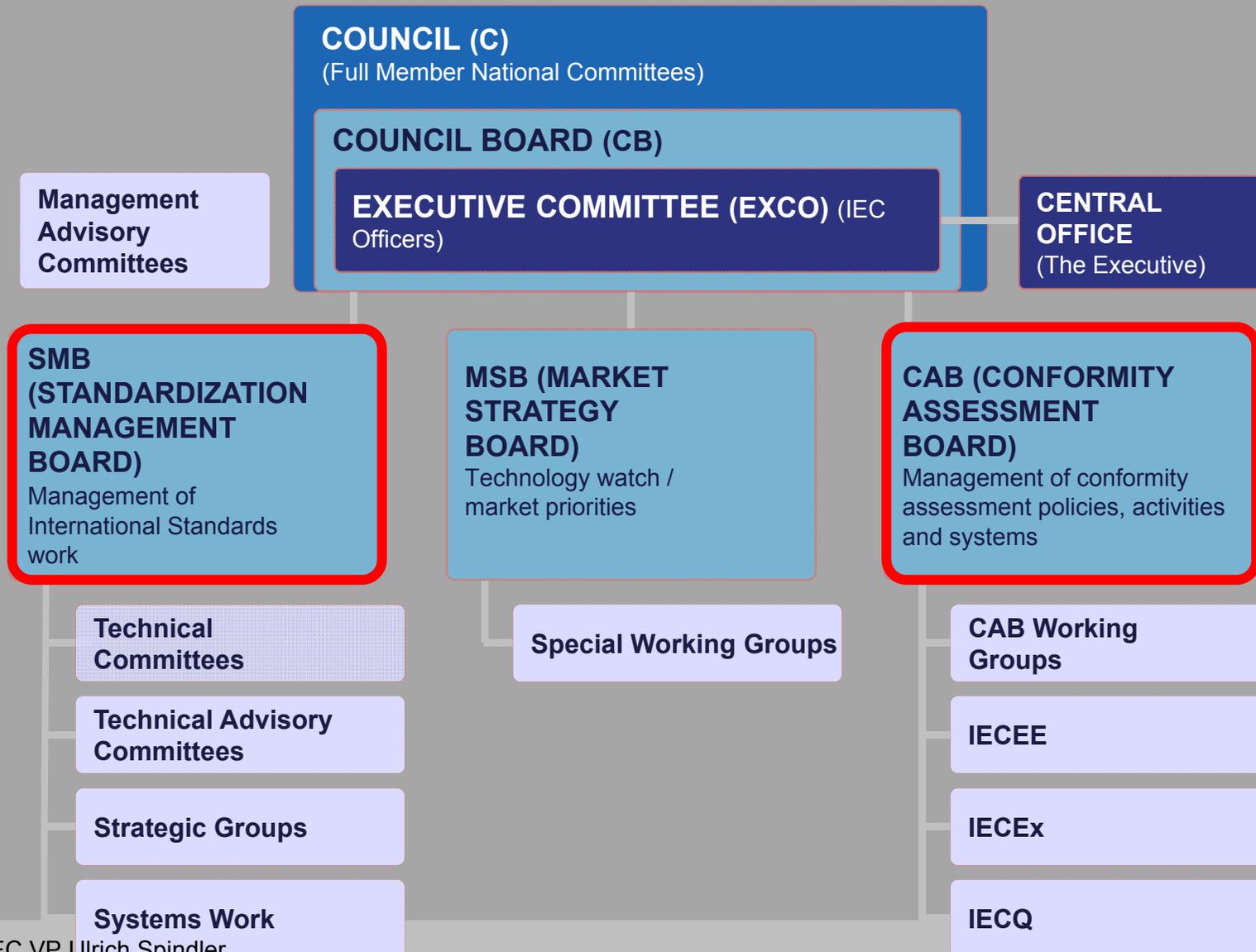
- **IEC Family (Members & Affiliates)** **83 + 87 = 170**
- **Number of Technical Committees** **213**
- **Number of experts** **approx. 20 000**
- **Number of publications in catalogue** **over 9 000**
- **Conformity Assessment Systems** **4**
- **Number of CA certificates** **more than 1 million**
- **Central & Regional Offices** **6**



IEC Central & Regional Offices



IEC Structure





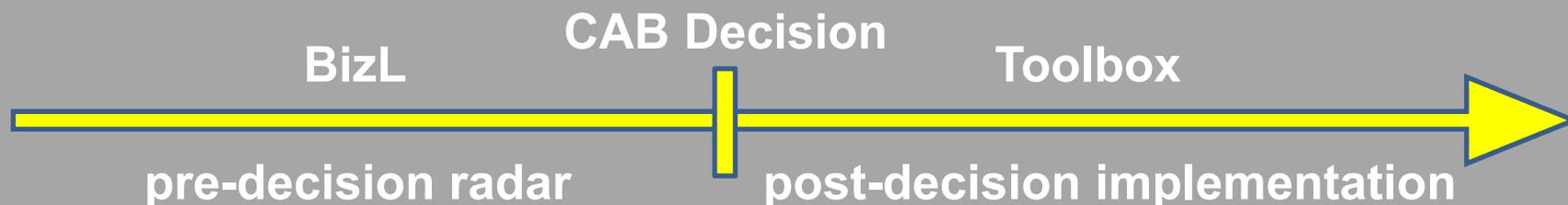
IEC CAB

- **IEC CAB**
 - IEC's policy-making board
 - All aspects of IEC's CA activities
 - Oversight of the IEC CA Systems:
IECEE, IECEx, IECQ, IECRE
- **CAB Working Groups**
 - WGs 10, 11, 14, 17, BizL, etc
- **Cooperation with International Bodies**
 - ISO/CASCO, ITU, UNECE, OIML, WTO,
IAF & ILAC, and so on

IEC CAB working groups

- **WG 11 – Systems Issues**
 - Harmonized Basic Rules (HBR) & supplement
 - Toolbox approach to scheme rules

- **BizL – Future-Business Watch-List**
 - forward looking radar



ACAS e-learning

- **IECEE**
 - 12 e-learning units
 - Online since May 2015
- **IECEX**
 - 15 e-learning units
 - Online since September 2015
- **IECRE**
 - 10 e-learning units
 - Online since October 2016
- **IECQ**
 - 16 e-learning units
 - Online in Q2 2017
- **World View of CA**
 - Including explanations of QI & the global players
 - Expected in Q4 2017



ACAS e-learning - ECUADOR

EXPECTATIVE WITH ACAS

TRAINING - ACAS 2016 - 2020

INEN'S TECHNICAL STAFF

NATIONAL ELECTROTECHNICAL COMMITTEE MEMBERS AND INTERESTED PARTIES

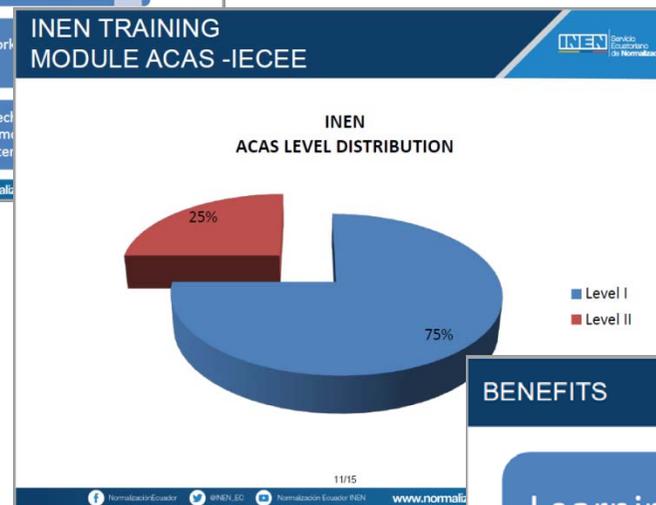
Participate in IEC Conformity Assessment Work Meetings

With the objective to develop electrotechnical services, more efficient, safer and more reliable, allowing access to new regional and international markets.

10/15

Normalización Ecuador | INEN_EC | Normalización Ecuador INEN | www.normalizacion.gob.ec

Extracts from presentation given by Mr Cesar Diaz Guevara Executive Director of the Ecuadorian National Standardization Service, INEN, at CAB meeting in Frankfurt, October 2016.



BENEFITS

Learning Modules

- Training more experts to participate in IEC CA System Working Group Meetings

IEC CA Systems

- In a future export more, with more quality, with less cost

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ACAS e-learning modules

International Electrotechnical Commission

International Standards and Conformity Assessment for all electrical, electronic and related technologies

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Affiliate Country Programme > ACAS > e-Learning

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ACAS e-Learning

Recognizing the need to raise awareness and provide a better understanding of the specific requirements linked to conformity assessment activities, the IEC Affiliate Country Programme Secretariat launched the new ACAS (Affiliate Conformity Assessment Status) in August 2013. As part of ACAS, the IEC is providing e-Learning modules to further the Affiliate Country participants' understanding and involvement in IEC CA activities

 IECEE ACAS e-Learning Electrical and electronic equipment	 IECEX ACAS e-Learning Coming soon Hazardous environments	 IECQ ACAS e-Learning Coming soon Electronic components	 IECRE ACAS e-Learning Coming soon Renewable energy
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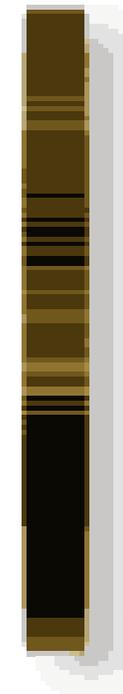
<http://www.iec.ch/affiliates/acas/e-learning/>



IEC value creation

Standards = Quality

Conformity Assessment = Proven Quality





Thank you

Ulrich Spindler
IEC Vice–President
and CAB Chair

