IEC and its Affiliate Country Programme

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Affiliate Country Programme Executive Secretary
2013-05-07
The world of standards

International:
IEC, ISO, ITU, OIML

Regional cooperation:
Africa (AFSEC)
Americas (COPANT, CANENA, MERCOSUR)
Asia-Pacific (PASC)
Europe-Asia (ex. CENELEC, ETSI, EASC)

National Committees
IEC – 100 years of experience

- Founded in 1906
- To promote international co-operation on all questions of standardization and conformity assessment
- Preparation of International Standards
IEC Family: 164 countries

82 Members

82 Affiliates
IEC in numbers

- IEC Family: 164 countries
  - 82 Members
    - Full (60)
    - Associate (22)
  - 82 Affiliate countries
- Over 6’971 publications
- 171 Committees and sub-committees
- 3 Conformity Assessment Systems
- Over 72’000 certificates
Organization chart

IEC COUNCIL
Full Member National Committees

COUNCIL BOARD
EXECUTIVE COMMITTEE
(IEC Officers)

STANDARDIZATION MANAGEMENT BOARD (SMB)
Management of International Standards work

CONFORMITY ASSESSMENT BOARD (CAB)
Management of conformity assessment activities and systems

MARKET STRATEGY BOARD (MSB)
CTOs of major companies to advise the IEC on market and technology priorities for the future

Management Advisory Committees

CENTRAL OFFICE
(The Executive)

Technical Committees

IECEE
IECEx
IECQ

Legislative
Decision-making
Executive
Advisory
IEC functioning

National level
- Industry
- Government
- Academia
- Users
- Etc.

Requirements

National Committees

Work items

Technical Committees

Standards output

Expert resources
Standards put in practice…

- Is a product what it appears to be?
- Does a system function like it should?

- What about:
  Safety?
  Performance?
  Reliability?

…through conformity assessment!
The CAB & Conformity Assessment Systems

CAB - Conformity Assessment Board

IECEE
System of Conformity Assessment Schemes for Electrotechnical Equipment and Components

- CB Scheme
- CB-FCS Scheme
- PV Programme
- E3 Energy Efficiency
- Hazardous Substances

IECEx
System for Certification to Standards Relating to Equipment for use in Explosive Atmospheres

- Ex Equipment
- Ex Services
- Ex Personnel

IECQ
Quality Assessment System for Electronic Components

- Active & Passive components
- Processes
- HSPM
- Avionics
82 Affiliates and 13 potentials

**AFRICA**
- Angola
- Benin
- Botswana
- Burkina Faso
- Burundi
- Cameroon
- Cape Verde
- Chad
- Comoros
- Congo
- Côte d'Ivoire
- DRC Congo
- Djibouti
- Eritrea
- Ethiopia
- Gabon
- Gambia
- Ghana
- Guinea
- Guinea Bissau
- Gui.Equatorial
- Lesotho
- Liberia
- Madagascar
- Malawi
- Mali
- Mauritania
- Mauritius
- Mozambique
- Namibia
- Niger
- Rwanda
- Senegal
- Seychelles
- Sierra Leone
- South Sudan
- Sudan
- Swaziland
- Tanzania
- Togo
- Uganda
- Zambia
- Zimbabwe

**AMERICAS**
- Antigua and Barbuda
- Bahamas
- Barbados
- Belize
- Bolivia
- Costa Rica
- Dominica
- Dominican Republic
- Ecuador
- El Salvador
- Grenada
- Guatemala
- Guyana
- Haiti
- Honduras
- Jamaica
- Nicaragua
- Panama
- Paraguay
- Peru
- Saint Kitts and Nevis
- St Vincent & Grenadines
- Saint Lucia
- Suriname
- Trinidad and Tobago
- Uruguay

**ASIA**
- Afghanistan
- Armenia
- Azerbaijan
- Bangladesh
- Bhutan
- Kyrgyzstan
- Lebanon
- Maldives
- Mongolia
- Myanmar
- Nepal
- Palestine
- Syria
- Tajikistan
- Turkmenistan
- Uzbekistan
- Yemen

**ASIA-PACIFIC**
- Brunei Darussalam
- Cambodia
- Fiji
- Lao PDR
- Papua New Guinea
- Solomon Islands
- Samoa
- Tonga
**Free Programme** to help developing countries comply with WTO TBT Agreement

- Active participation, but not a kind of membership

**Affiliates use IEC International Standards** on national level

- Access to 200 IEC IS for national adoption

**Assistance to establish National Electrotechnical Committees**

**Selection of 10 technical fields** to access and comment on working documents (up to and including CDV)

- Experts with login
Guidance on IEC Conformity Assessment

Active participation in IEC General Meetings
  - Attendance to technical meetings as observers
  - Affiliate Forum

A Leader, a Secretariat, two Coordinators (Africa and Latin America)

A dedicated website zone and assistance through virtual meetings
  - www.iec.ch/affiliates

Affiliate Plus status in 2009
Affiliate Team

- **LEADER:**
  - Phuntsho Wangdi - Bhutan

- **COORDINATORS**
  - Carlos Rodríguez - Costa Rica
  - Evah Oduor - Kenya
    - AFSEC Vice-President for CA

- **SECRETARIAT**
  - Françoise Rauser / Executive Secretary
  - Thomas Robertson / Project Coordinator
  - Sei-Yun Park / Assistant
National Electrotechnical Committees

- 39 countries with a NEC
- Guidelines from Leader (EN/FR/SP)
- Forum during GM
- Country visits back to back to regional events
  - Bhutan/ Cambodia /DRC /Ecuador/ Peru in 2013
- 10 Affiliates are now IEC Members
A springboard to IEC membership

- 2004: Kazakhstan
- 2005: Macedonia, Kenya
- 2006: Nigeria
- 2007: Cuba
- 2008: Libya
- 2009: Albania
- 2010: Georgia, Jordan
- 2012: Moldova
Way forward in 2013-2014

- More Affiliate Plus countries
  - 400 Free standards for adoption and Mentoring
- Mentoring programme July 2013
- Affiliate CA Status (ACAS) August 2013
- Partnership with UN-SE4ALL
- Cooperation with regional bodies
  - AFSEC/ COPANT/ PASC/ EASC in 2013
- Reach out to Pacific Islands and West Africa
- Training on regional basis / Virtual training
  - Afghanistan (Jan 13)/ DRC (Aug 13)
THANK YOU

www.iec.ch
www.iec.ch/affiliates