





Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

# Update on IEC

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## IEC Track Record

- 1996 PDF file format; IEC website with full online catalogue
- 1997 Electronic management communication
- 1998 Electronic document distribution/E-voting
- 1999 Webstore; Marketing & Communications Networks;
- 2000 Linked agendas; IEV-online
- 2001 Affiliate Country Programme; WSC; Regional Centres
- 2002 Database standards; Dual-logo standards; Web forums
- 2003 IEC Glossary; Global relevance
- 2004 Experts management; Standards' previews
- 2005 Linked standards; Adoption database; Collaborative tools
- 2006 TC RSS feeds; Linked standards
- 2007 Project/Standard packages

## Technical standards development

- ▶ Real-time data on website based on operational workflow databases of Central Office
- ▶ Weekly list of documents and/or personal list of documents
- ▶ Download of weekly documents in a single zip file available for NCs; Feeder of documents for NCs
- ▶ Meetings folders

## Projects: Important relationships

- ▶ Relation between Projects and Working documents
- ▶ History of the project
- ▶ Programme of work

## Applications: Technical work

- ▶ Permission System
- ▶ Electronic Voting/Commenting System
- ▶ Expert Management System

## Applications: Publications

- ▶ Library Server
- ▶ Watermarked Collection
- ▶ Word Files
- ▶ Subscription Database Management

# Database standards

- ▶ For the developer and the users
- ▶ Standards in database format available as subscription
  - ▶ Terminology
  - ▶ Graphical symbols on equipment (joint database with ISO)
  - ▶ Graphical symbols for diagrams
  - ▶ Lamps and cap-holders
- ▶ Standards in database format freely available
  - ▶ IEC 61360 Component Data Dictionary
  - ▶ IEC Glossary
  - ▶ IEV (now rebranded “Electropedia”)





## Online support

- ▶ **Technical: Online Survival kits and guides for experts and members**
- ▶ **Commercial and PR: Marketing & Communications Networks**

# Administration of Management

- ▶ Administration of IEC Management Committees
  - ▶ Distribution of documents
  - ▶ Posting and management of comments

## Conformity Assessment

- ▶ Management of CA schemes
- ▶ Public access to all scheme databases
- ▶ On-line management of certificates

## Applications: Advantages

- ▶ Easy to use
  - ▶ Little or no training required
  - ▶ Intuitive
  - ▶ Simple guides available online
  - ▶ Little support needed
- ▶ No plug-in or additional software required
- ▶ Most development is in-house

## Reaching out: IEC Family

- ▶ Associate Membership rights increased
- ▶ Members' dues reduced; further reductions being considered
- ▶ Membership has grown since last COPANT-PASC Meeting in Cartagena
- ▶ Affiliate Country Programme has brought 76 new countries to the IEC Family



# Members (2007-03-31)

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- |                         |                 |                |                    |
|-------------------------|-----------------|----------------|--------------------|
| ARGENTINA               | FINLAND         | KOREA, REP. OF | RUSSIAN FEDERATION |
| AUSTRALIA               | FRANCE          | LATVIA (AM)    | SAUDI ARABIA       |
| AUSTRIA                 | GERMANY         | LITHUANIA (AM) | SERBIA             |
| BELARUS                 | GREECE          | LUXEMBURG      | SINGAPORE          |
| BELGIUM                 | HUNGARY         | MACEDONIA (AM) | SLOVAKIA           |
| BOSNIA-HERZEGOVINA (AM) | ICELAND (AM)    | MALAYSIA       | SLOVENIA           |
| BRAZIL                  | INDIA           | MALTA (AM)     | SOUTH AFRICA       |
| BULGARIA                | INDONESIA       | MEXICO         | SPAIN              |
| CANADA                  | IRAN            | NETHERLANDS    | SRI LANKA (AM)     |
| CHINA                   | IRELAND         | NEW ZEALAND    | SWEDEN             |
| COLOMBIA (AM)           | ISRAEL          | NIGERIA (AM)   | SWITZERLAND        |
| CROATIA                 | ITALY           | NORWAY         | THAILAND           |
| CYPRUS (AM)             | JAPAN           | PAKISTAN       | TUNISIA (AM)       |
| CZECH REP.              | KAZAKHSTAN (AM) | POLAND         | TURKEY             |
| DENMARK                 | KENYA (AM)      | PORTUGAL       | UKRAINE            |
| EGYPT                   | KOREA, DPR (AM) | ROMANIA        | UK                 |
| ESTONIA (AM)            |                 |                | USA                |
|                         |                 |                | VIET NAM (AM)      |
- AM = Associate member



## Reaching out: Regional Centres

- ▶ New IEC Regional Centre to open in May
- ▶ Regional Manager has already visited Argentina, Brazil, Chile, Colombia, Peru (Andean community), Uruguay
- ▶ All regional centres in Asia-Pacific, Latin America and North America are extensions of IEC Central Office
- ▶ Balance of technical and promotional roles vary

## Asia-Pacific activities have included

- ▶ “IEC safety standards in support of regulatory requirements” Workshop, Beijing
- ▶ ASEAN Joint Sectoral Committee on Electrical and Electronic Equipment meeting, Singapore
- ▶ IEC Asia-Pacific Centenary Workshop in conjunction with 5th JISC/IEC/APSG HRD Training, Singapore
- ▶ Country Dialogues in Thailand and Vietnam promoting the *IEC Masterplan 2006*
- ▶ IEC National Seminar hosted by Malaysian NC
- ▶ Vietnam Workshop on Quality, Safety and MRA (Mutual Recognition Agreements) hosted by Vietnam NC.



## Reaching out: Affiliate Countries

- ▶ Launched in 2001: Now 76 countries
- ▶ Unique approach using tools already available for IEC members
- ▶ 100% electronic environment
- ▶ Basic library of IEC Standards in electronic format
- ▶ Facilitated adoption
- ▶ Emphasis on use and adoption, and participation in standards-setting



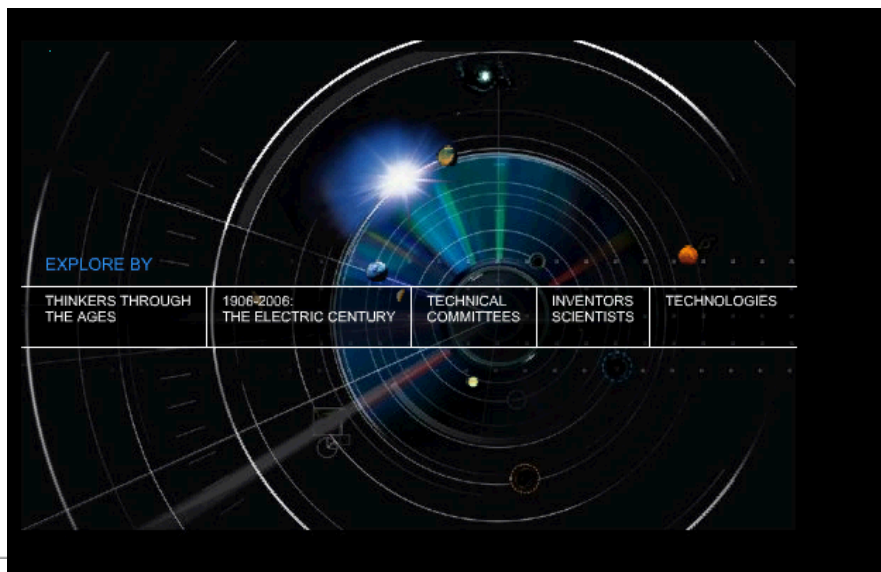
Affiliate Leader:  
Carlos Rodríguez,  
Costa Rica

# Reaching out: Affiliate Countries

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- ▶ AFGHANISTAN
  - ▶ ALBANIA
  - ▶ ANGOLA
  - ▶ ANTIGUA AND BARBUDA
  - ▶ ARMENIA
  - ▶ BANGLADESH
  - ▶ BARBADOS
  - ▶ BELIZE
  - ▶ BENIN
  - ▶ BHUTAN
  - ▶ BOLIVIA
  - ▶ BOTSWANA
  - ▶ BRUNEI DARUSSALAM
  - ▶ BURKINA FASO
  - ▶ BURUNDI
  - ▶ CAMBODIA
  - ▶ CAMEROON
  - ▶ COMOROS
  - ▶ CONGO (Dem. Rep. of)
  - ▶ COSTA RICA
  - ▶ COTE D'IVOIRE
  - ▶ CUBA
  - ▶ DOMINICA
  - ▶ DOMINICAN REPUBLIC
  - ▶ ECUADOR
  - ▶ ERITREA
  - ▶ ETHIOPIA
  - ▶ FIJI
  - ▶ GABON
  - ▶ GEORGIA
  - ▶ GHANA
  - ▶ GRENADA
  - ▶ GUATEMALA
  - ▶ GUINEA
  - ▶ GUINEA BISSAU
  - ▶ GUYANA
  - ▶ HAITI
  - ▶ JAMAICA
  - ▶ JORDAN
  - ▶ KYRGYZSTAN
  - ▶ LAO PDR
  - ▶ LEBANON
  - ▶ LESOTHO
  - ▶ LIBYAN ARAB JAMAHIRIYA
  - ▶ MADAGASCAR
  - ▶ MALAWI
  - ▶ MALI
  - ▶ MAURITANIA
  - ▶ MAURITIUS
  - ▶ MOLDOVA
  - ▶ MONGOLIA
  - ▶ MOZAMBIQUE
  - ▶ NAMIBIA
  - ▶ NEPAL
  - ▶ NIGER
  - ▶ PANAMA
  - ▶ PAPUA NEW GUINEA
  - ▶ PARAGUAY
  - ▶ PERU
  - ▶ RWANDA
  - ▶ SAINT LUCIA
  - ▶ SENEGAL
  - ▶ SEYCHELLES
  - ▶ SIERRA LEONE
  - ▶ SUDAN
  - ▶ SWAZILAND
  - ▶ TANZANIA
  - ▶ TOGO
  - ▶ TRINIDAD AND TOBAGO
  - ▶ TURKMENISTAN
  - ▶ UGANDA
  - ▶ URUGUAY
  - ▶ VENEZUELA
  - ▶ YEMEN
  - ▶ ZAMBIA
  - ▶ ZIMBABWE

# Communicating IEC Standardization

- ▶ Centenary was major opportunity
- ▶ Initiatives to communicate strategic value of IEC
- ▶ Providing “springboards” to the future
- ▶ Real engagement with industry, government, academia.





## Conclusion

- ▶ Decentralized systems provide for project-to-publication standards development, administration and commercial use
- ▶ More members, more services, less dues
- ▶ Regional Centres reaching out
- ▶ A unique approach with developing nations
- ▶ Using Centenary to promote strategic value



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Thank you.

