



Introduction to the IEC

Dennis Chew
Regional Director,
APRC
dch@iec.ch

WTO TBT/SPS Workshop
Bangkok
2015-11

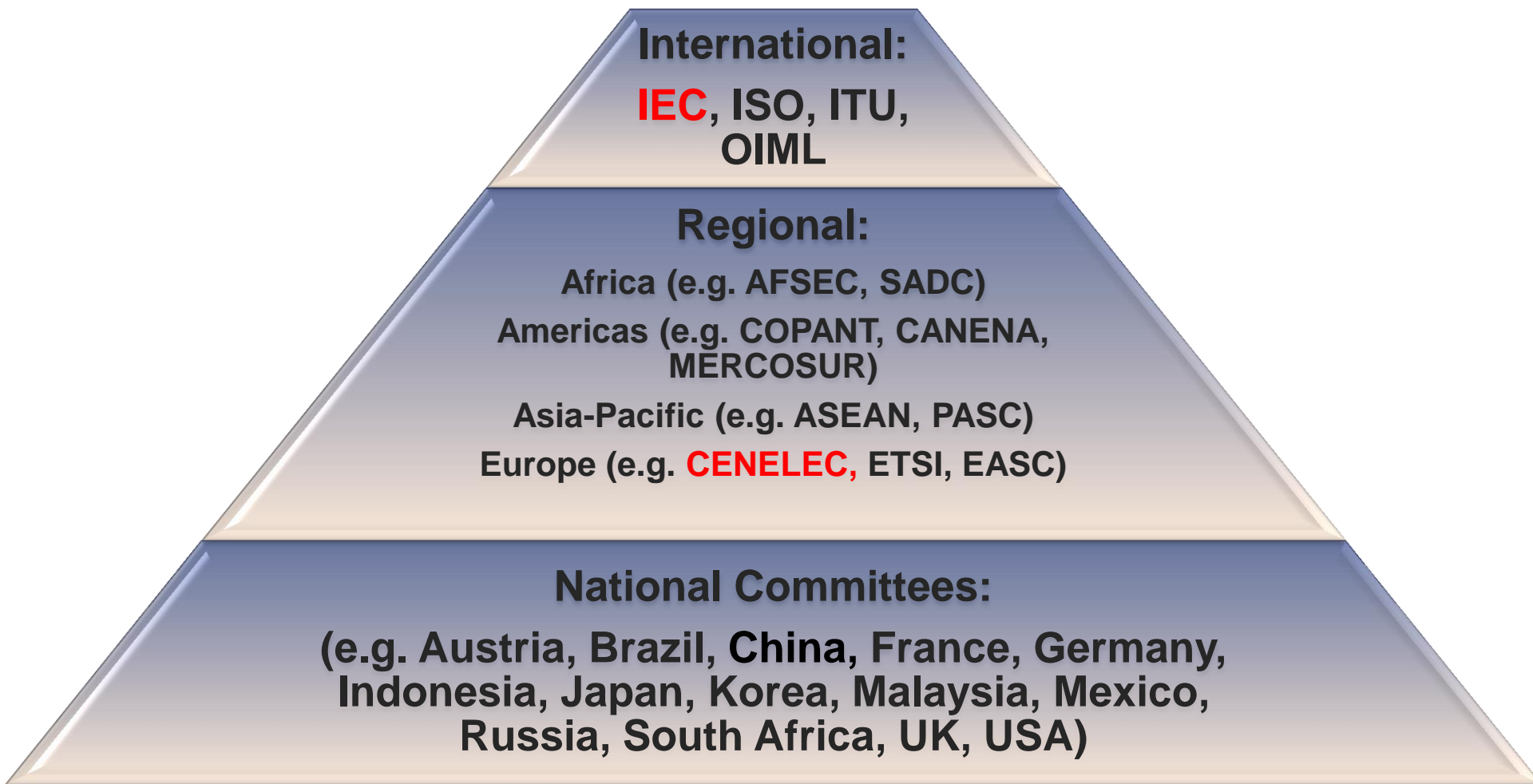


International
Electrotechnical
Commission

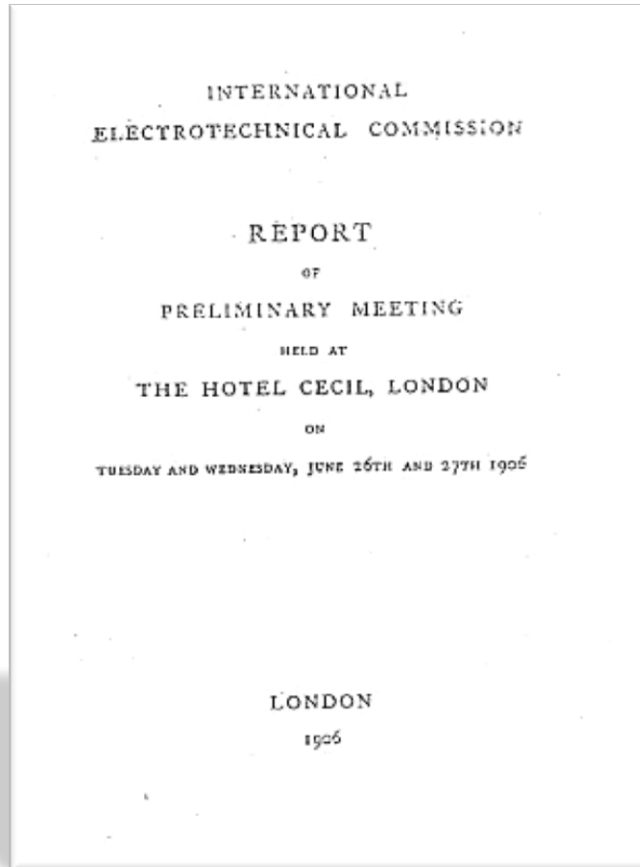
Contents

- **What is IEC?**
- **How are IEC international standards developed?**
- **What are IEC conformity assessment systems?**
- **Supporting the IEC community**

The world of standards



The organization



- The IEC is a not-for-profit, non-governmental organization founded in 1906
- One member per country
- International Standards and Conformity Assessment Systems for all electrical and electronic components, devices and systems

How you might “see” the IEC

Hydraulic turbines (TC 4)

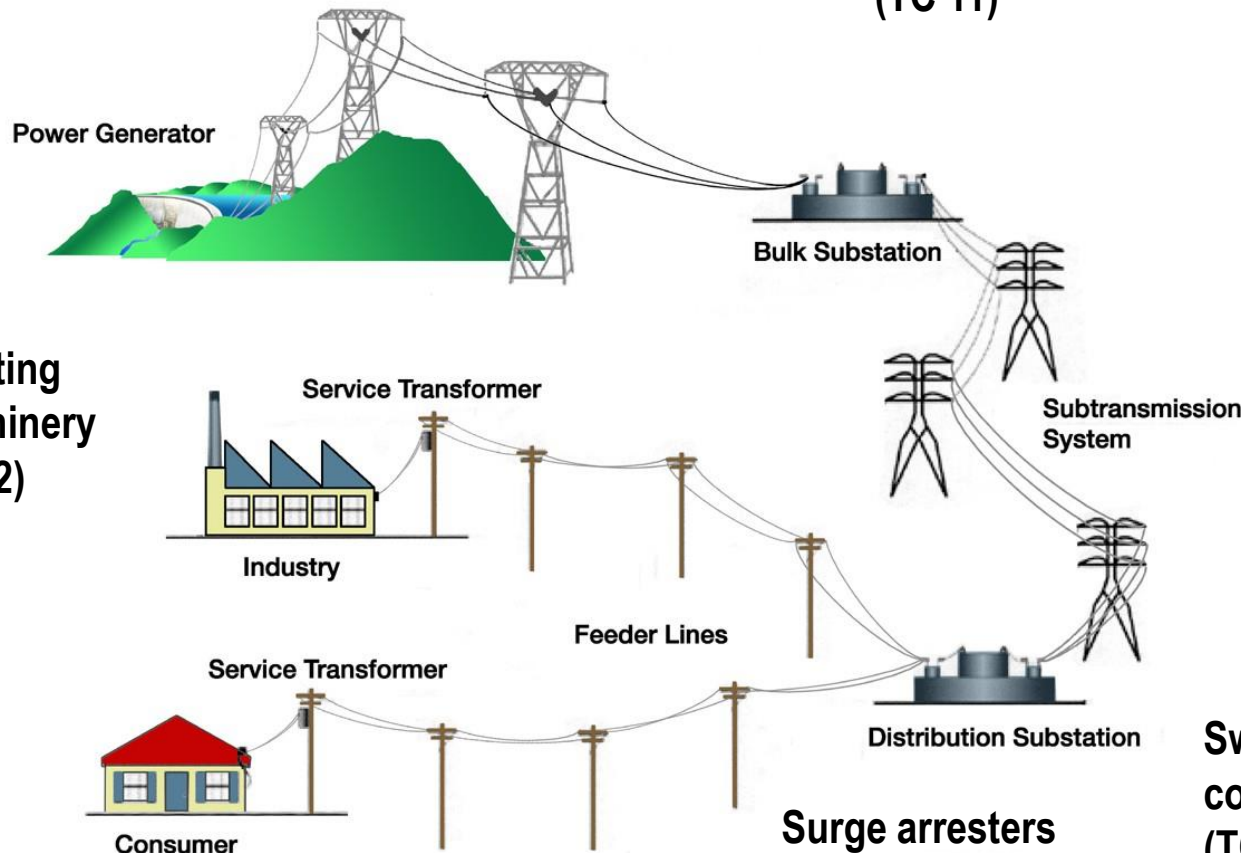
Solar photovoltaic energy systems (TC 82)

Wind turbines (TC 88)

Solar thermal electric plants (TC 117)

Overhead electrical
conductors
(TC 7)

Overhead lines
(TC 11)



Systems aspects for
electrical energy supply
(TC 8)
Grid Integration of
Large-capacity
Renewable Energy (RE)
Generation (SC8A)

Electric cables
(TC 20)

Switchgear and
controlgear
(TC 17)

Surge arresters
(TC 37)

But if you look further, at home

**Electrical accessories
(TC 23)**

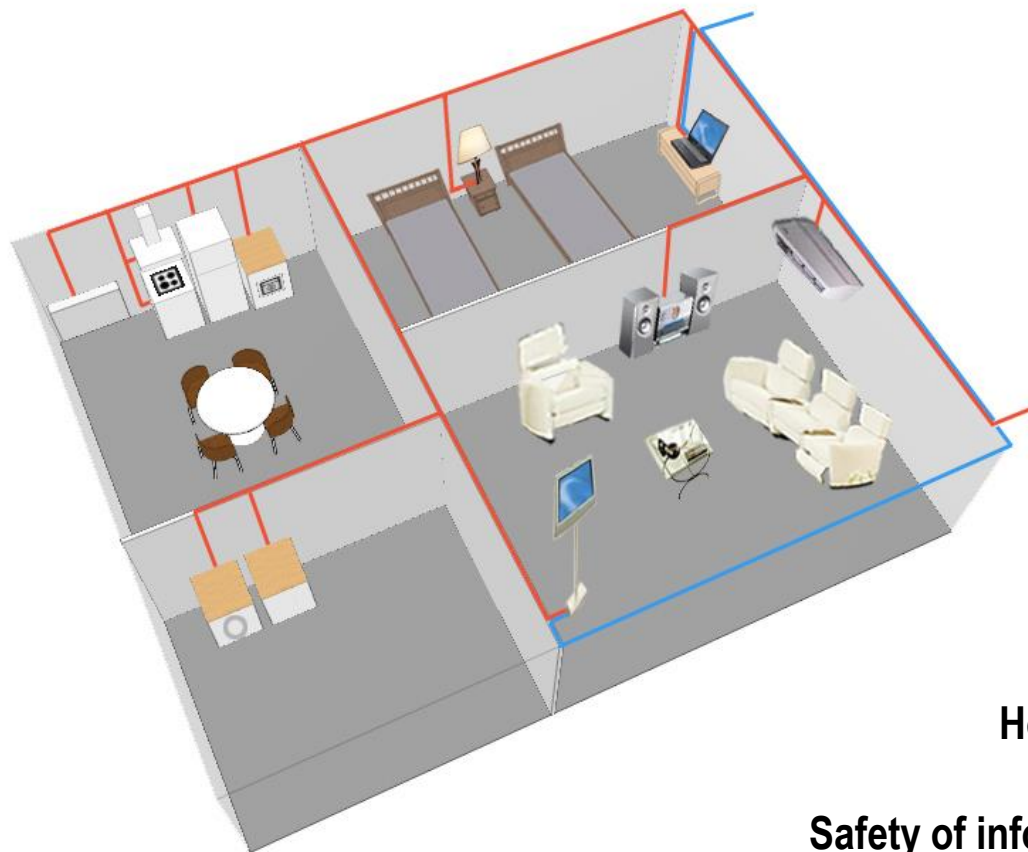
**Fuses
(TC 32)**

**Winding wires
(TC 55)**

**Electric cables
(TC 20)**

**Lamps and related
equipment
(TC 34)**

**Electrical installations and protection
against electric shock
(TC 64)**



**Electromagnetic
compatibility
(TC 77)**

**Multimedia
(TC 100)**

**Fibre optics
(TC 86)**

**Cables, wires,
waveguides
(TC 46)**

**Household appliances
(TCs 59 & 61)**

**Safety of information
technology equipment (TC 108)**



global reach:
98% of world population
96% power generation

167 countries

83 Members

83 Affiliates

83 National Committees

ALBANIA (AM)

ALGERIA

ARGENTINA

AUSTRALIA

AUSTRIA

BAHRAIN (AM)

BELARUS

BELGIUM

BOSNIA-HERZEGOVINA (AM)

BRAZIL

BULGARIA

CANADA

CHILE

CHINA

COLOMBIA

CROATIA

ESTONIA (AM)

FINLAND

FRANCE

GEORGIA (AM)

GERMANY

GREECE

HUNGARY

ICELAND (AM)

INDIA

INDONESIA

IRAN

IRAQ

IRELAND

ISRAEL

ITALY

JAPAN

LATVIA (AM)

LIBYA

LITHUANIA (AM)

LUXEMBOURG

MALAYSIA

MALTA (AM)

MEXICO

MOLDOVA (MD)

MONTENEGRO (AM)

MOROCCO (AM)

NETHERLANDS

NEW ZEALAND

NIGERIA (AM)

NORWAY

OMAN

PAKISTAN

RUSSIAN FEDERATION

SAUDI ARABIA

SERBIA

SINGAPORE

SLOVAKIA

SLOVENIA

SOUTH AFRICA

SPAIN

SRI LANKA (AM)

SWEDEN

SWITZERLAND

THAILAND

THE FYR OF MACEDONIA (AM)

TUNISIA (AM)

TURKEY

UKRAINE

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_3858

