

Participating in the technical rules for global trade

AIDMO Arab Industrial Development and Mining Organization – 47th meeting of the High Consultative Committee for Standardization

1-2 December 2016 Rabat, Morocco

Antoinette PITTELOUD
External Liaisons Officer –
api@iec.ch IEC www.iec.ch
Skype antoinette-iec

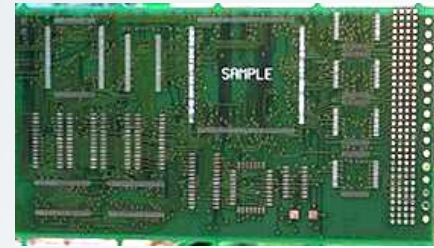
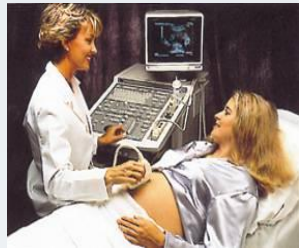
AIDSMO
1-2 December
2016 Rabat,
Morocco



INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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



Scope of the IEC

Millions of devices and systems that use or produce electricity and contain electronics.

Interoperability, safety, performance, EMC, waste management and environment



Biggest after raw energy

Raw energy: 16%
(3,209 trillion)

**World trade in electronics
and electrical devices: 12%**
(USD *2,382 trillion)

Vehicles: 7.2%
(USD 1,390 trillion)

Fashion: 2.5%
(USD 0,473 trillion)

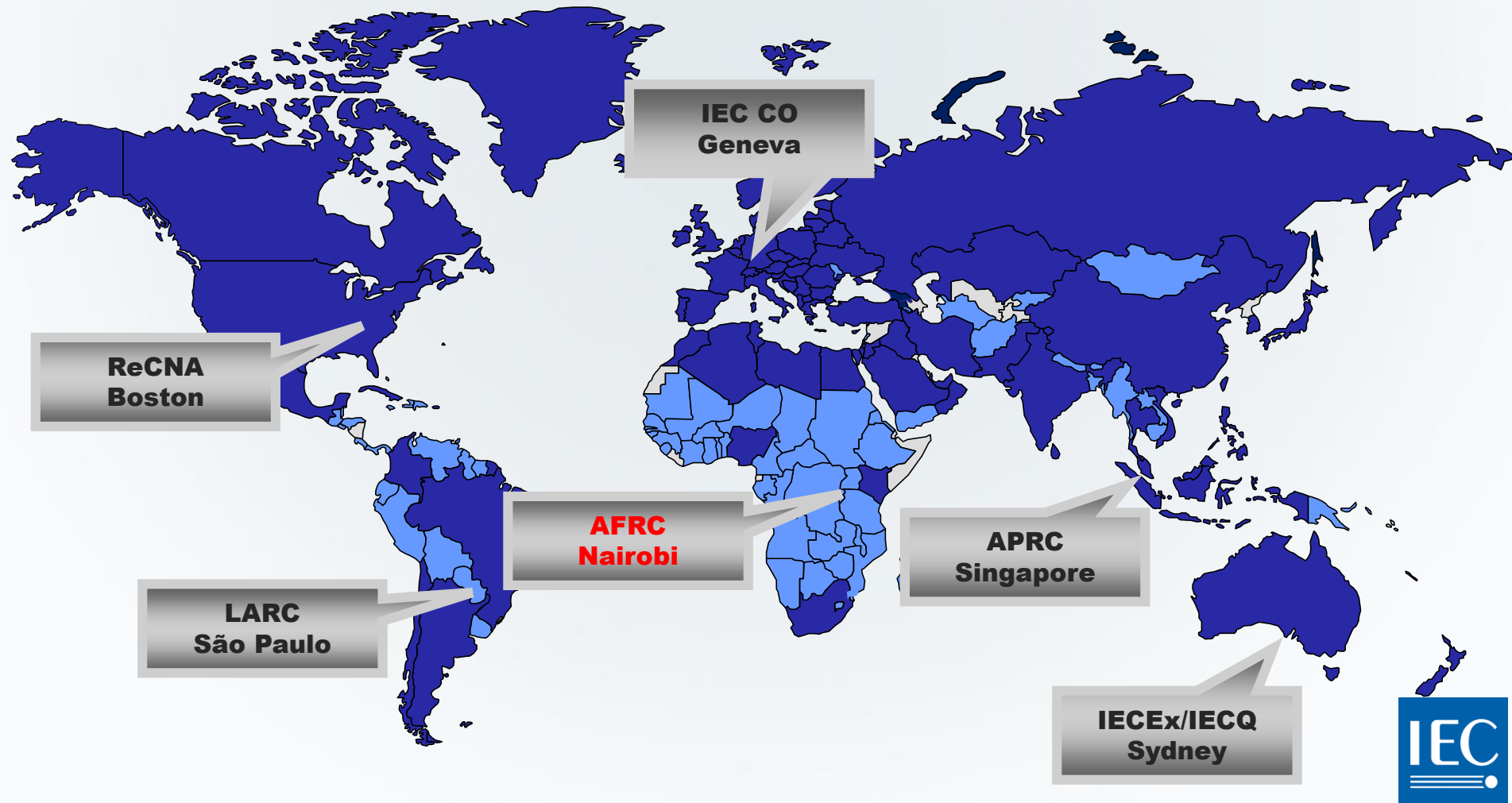
***not including lighting, optical electronic and photo
devices, medical devices, aircraft**



IEC Central Office – Geneva - Switzerland



IEC – close to its family members



IEC in figures

- IEC Family (Members & Affiliates) 84 + 86 = 170
- Number of Technical Committees 213
- Number of Working Groups over 1 450
- Number of experts approx. 20 000
- Number of pubs. in catalogue over 9 000
- Conformity Assessment Systems 4
- Number of CA certificates approx. 1 mio
- Regional offices 5

The world of standards



International:
IEC, ISO, ITU

Regional: Africa (ex. AFSEC)
Americas (ex. COPANT, CANENA, MERCOSUR)
Asia-Pacific (ex. ASEAN, PASC)
Europe (ex. CENELEC, ETSI, EASC)
Gulf countries: GSO, Islamic countries: SMIIC

National Committees
(ex. Algeria, Egypt, Iran, Libya, Malaysia, Pakistan, Saudi Arabia, Turkey, UAE, ...)



partnering with others:
29 Agreements and MoU
Liaisons with 180
organizations
<http://www.iec.ch/dyn/wwww/f?p=103:218:0>

IEC main partners



A close-up photograph of two hands shaking in a firm grip, symbolizing agreement or partnership. The hands are light-skinned and the background is a plain, light color.

**CENELEC Frankfurt agreement:
(before Dresden agreement 1996)
~ 80+% aligned standards**

AIDMO-IEC collaboration pledge



International Electrotechnical
Commission



Arab Industrial Development
& Mining Organization

IEC Affiliate Country Programme – Collaboration Pledge

The Arab Industrial Development and Mining Organization (AIDMO), located in Rabat, Morocco, and International Electrotechnical Commission IEC wish to collaborate, through IEC Affiliate Country Programme, in the following areas:

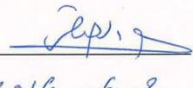
- Exchange of information.
- Promote communication.
- Mention partnership on websites.
- Cross representation in annual meetings and workshops.
- Encourage AIDMO members who are IEC Affiliates to participate actively in the Affiliate Country programme.

June 2016

F.W.P. Vreeswijk
General Secretary & CEO

Adel Al-Saqer
Director General

Signature: 

Signature: 

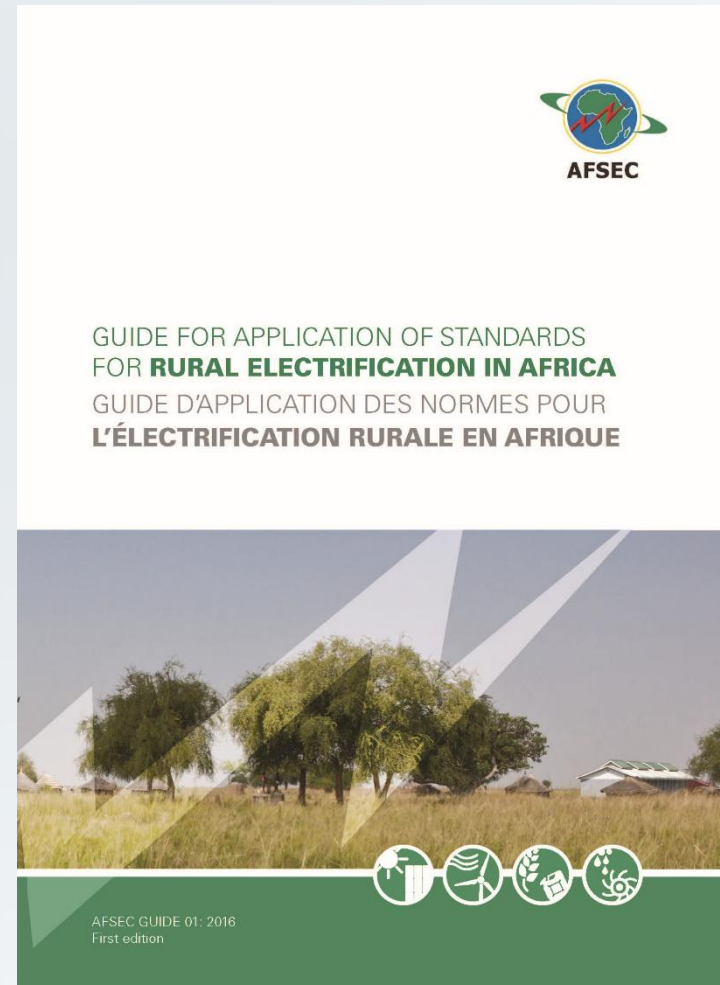
Date: 2016-06-02

Date: 2016-06-02

AFSEC-IEC collaboration

- An electrotechnical standardization commission in Africa (AFSEC)
- Statutory Members
 - Côte d'Ivoire, DRC, **Egypt**, Ghana, Kenya, Libya, Namibia, **Nigeria**, Rwanda, **Senegal**, South Africa, **Sudan**, Zambia
- Affiliate Members
 - AFREC, APUA, COMESA, EAPP, PIESA, SADCSTAN, SAPP
- President: Côte D'Ivoire
- 2 Vice Presidents
 - Namibia and Kenya
- Secretariat: South Africa
- Co-operation agreement with IEC in 2009
- 7 mirror committees of the IEC

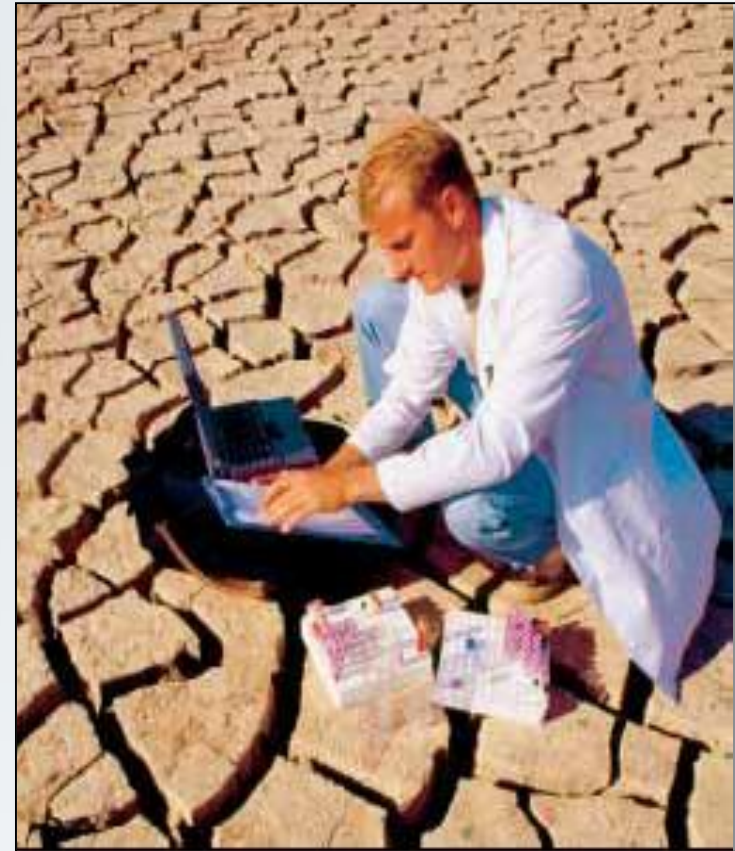
To obtain hard copies of the guide:
contact the
AFSEC Secretariat on info@afsec-africa.org



WTO TBT Agreement context

WTO recommends

- The use of relevant International Standards as a basis for their technical regulations, except when such International Standards would be ineffective or inappropriate, i.e. because of fundamental climatic or geographical factors or fundamental technological problems



EATON

PHILIPS

SHARP

TOSHIBA

THALES

ABB

Abbott

Rockwell
Automation

DANONE

Gillette®

CORNING



BT

MITSUBISHI
ELECTRIC

Canon

SANYO

Deloitte.



BOSCH



QUALCOMM®

AIR LIQUIDE

NVIDIA.

ARCOR

Electrolux

Panasonic

BLACK &
DECKER.

SIEMENS



Schneider
Electric

Nidec



Agilent Technologies

NOMURA

Hydro
Québec

edf

Nintendo®



Expedia®

Duke
Energy®



RENAULT

Fisher-Price®

edf

BOSE®

SAMSUNG

KÄRCHER®

Honeywell

Energizer®

Panasonic



ALCATEL

Disney

dyson



国家电网公司
STATE GRID
CORPORATION OF CHINA



Time
Warner
Cable

BRAUN

BOEING®

Adobe®

Haier®

Danfoss

FUJITSU

intel®

SAP®



Whirlpool

ORACLE®

ALSTOM

DUPONT®



AIRBUS
AN EADS COMPANY



TOYOTA



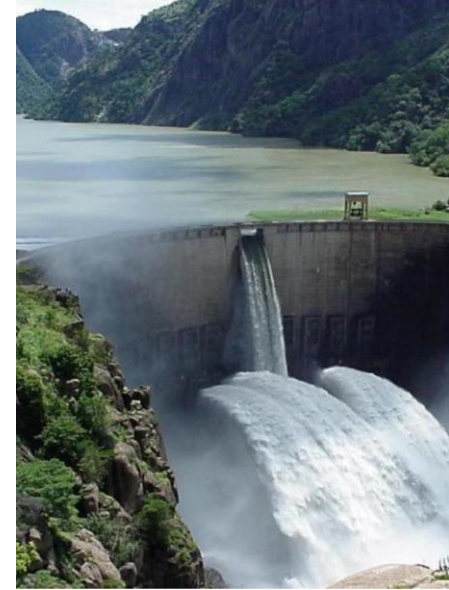
Akamai



SDG 7 Energy = core to IEC



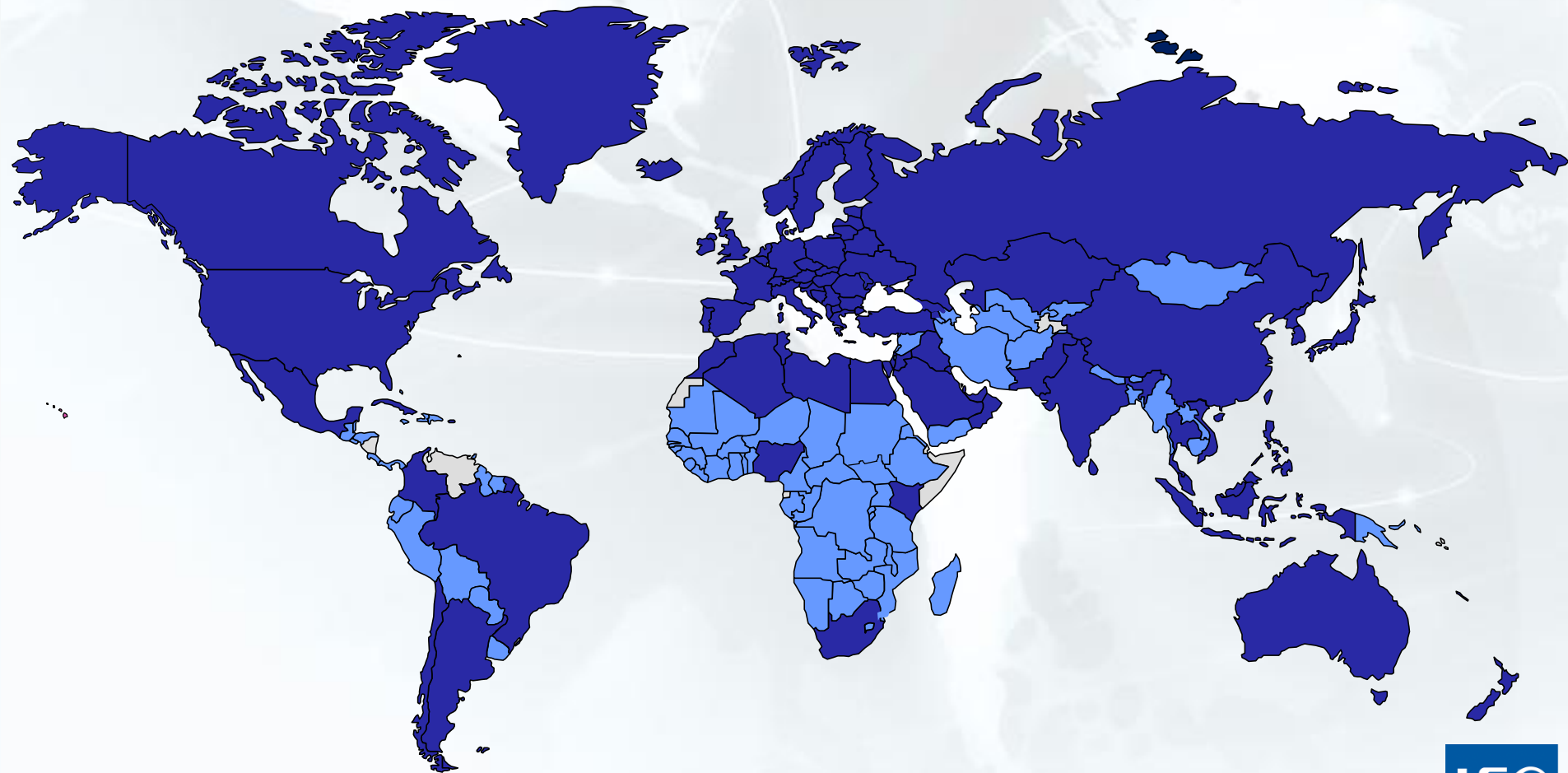
SUSTAINABLE
ENERGY FOR ALL



IEC Family: 170 countries

84 Members

86 Affiliates



84 National Committees

ALBANIA (AM)

ALGERIA

ARGENTINA

AUSTRALIA

AUSTRIA

BAHRAIN (AM)

BELARUS

BELGIUM

BOSNIA-HERZEGOVINA (AM)

BRAZIL

BULGARIA

CANADA

CHILE

CHINA

COLOMBIA

CROATIA

CUBA (AM)

CYPRUS (AM)

CZECH REP.

DENMARK

DPR OF KOREA (AM)

EGYPT

ESTONIA (AM)

FINLAND

FRANCE

GEORGIA (AM)

GERMANY

GREECE

HUNGARY

ICELAND (AM)

INDIA

INDONESIA

IRAN

IRAQ

IRELAND

ISRAEL

ITALY

JAPAN

JORDAN (AM)

KAZAKHSTAN (AM)

KENYA (AM)

KOREA, REP. OF

KUWAIT

LATVIA (AM)

LIBYA

LITHUANIA (AM)

LUXEMBOURG

MALAYSIA

MALTA (AM)

MEXICO

MOLDOVA (AM)

MONTENEGRO (AM)

MOROCCO (AM)

NETHERLANDS

NEW ZEALAND

NIGERIA (AM)

NORWAY

OMAN

PAKISTAN

PHILIPPINES

POLAND

PORTUGAL

QATAR

ROMANIA

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

UAE

UK

USA

VIETNAM (AM)

Membership and Affiliation

61 Full Members	23 Associate Members	86 Affiliates
May submit votes on <u>all</u> TC/SC and Council documents via electronic voting system	May submit votes/ comments on documents of <u>4</u> selected TC/SCs via electronic voting system	May not vote No membership
May submit comments on all TC/SC and Council documents	May submit comments only on TC/SC documents but not on Council documents	May submit comments on the documents of <u>10</u> selected TC/SCs by e-mail
Fully participate in international standardization activities	Limited participation of countries with limited resources	A type of participation, but <u>not</u> membership
Full access to IS for adoption and for commercial exploitation	Full access to IS for adoption and for commercial exploitation	Selection of 200 IS to start basic electronic library. Facilitated adoption procedure

AIDMO – Algeria IEC Full Member



IEC National Committee of Algeria
Institut Algérien de Normalisation
5 et 7 rue Abou Hammou Moussa
BP 104 RP
DZ ALGIERS
Algeria

President
Secretary

To be appointed
To be appointed

Year joined the IEC **2008**

Adoption agreement **Yes**
IEC IS adopted **27**
Sales agreement **Yes**
Royalties **No**

AIDMO - Bahrain IEC Associate Member



IEC National Committee of Bahrain
Bahrain Standards & Metrology Directorate
Ministry of Industry & Commerce
Khayiria Building, 2nd floor
P.O. Box 5479
Manama
Bahrain

President
Secretary

Mr Rana Mohsin Salloom
Mr Abbas Almoamen

Year joined the IEC **2009**

Adoption agreement **Yes**
IEC IS adopted **85**
Sales agreement **Yes**
Royalties **Yes**

AIDMO – Egypt IEC Full Member



IEC National Committee of Egypt
Ministry of Electricity & Energy
Abbassia
EG-11517 CAIRO
Egypt

President
Secretary

Mr Mohamed Taha Abdalla Elsafty
Mr Hassan Mahmoud Hassanin

Year joined the IEC **1930**

Adoption agreement **Yes**
IEC IS adopted **2193**
Sales agreement **Yes**
Royalties **Yes**

AIDMO – Iraq IEC Full Member



IEC National Committee of Iraq
Iraqi electrotechnical committee (IQC)
P.O. Box 13032
Al-Jadreya
Baghdad
Iraq

President
Secretary

To be appointed
Ms Majidah Sayaar Hurik

Year joined the IEC **2009**

Adoption agreement	Yes
IEC IS adopted	124
Sales agreement	No
Royalties	No

AIDMO – Jordan IEC Associate Member



IEC National Committee of Jordan
Jordan Standards and Metrology Organization (JSMO)
Dabouq Area No. 50, Khair Din Al-Ma'ni Street
P.O. box 941287
AMMAN 11194
Jordan

President
Secretary

Mr Ziad Al-Khatib
Mrs Fadia Abdel Ghani

Year joined the IEC **2010**

Adoption agreement **Yes**
IEC IS adopted **194**
Sales agreement **Yes**
Royalties **Yes**

AIDMO – Kuwait IEC Full Member



IEC National Committee of Kuwait
Kuwait National Committee for Electrical &
Electronics (KNCEE)
Public Authority for Industry
P.O. Box 4690
Safat 13047
Kuwait

President
Secretary

Mr Fahhad S. Al-Mutairi
Mrs Hessah Sound Mohammad Hassan

Year joined the IEC **2016**

Adoption agreement	Yes
IEC IS adopted	4
Sales agreement	Yes
Royalties	No

AIDMO – Libya IEC Full Member



IEC National Committee of the Libya
Libyan National Center for Standardization and
Metrology Building
Alfernage
P.O. Box 5178
TRIPOLI
Libya

President
Secretary

Mr Abdulkader Sadek Akki
Mr Hussein Ali Abu-Baaira Alsghir

Year joined the IEC **2008**

Adoption agreement	Yes
IEC IS adopted	203
Sales agreement	No
Royalties	No

AIDMO – Morocco IEC Associate Member



IEC National Committee of Morocco
COMELEC
Ministère de l'Industrie, du Commerce et des
Nouvelles Technologies
Direction de la Qualité et la Surveillance du Marché
Angle Avenue Kamal Zebdi et Rue dadi
Secteur 21 Hay Riyad
MA-10100 Rabat
Morocco

President
Secretary

Mr Youssef Tagmouti
Mr Abderrahim Taibi

Year joined the IEC **2010**

Adoption agreement	Yes
IEC IS adopted	167
Sales agreement	No
Royalties	No

AIDMO – Oman IEC Full Member



IEC National Committee of Oman
P.O. Box 550
PC 100
Muscat
Oman

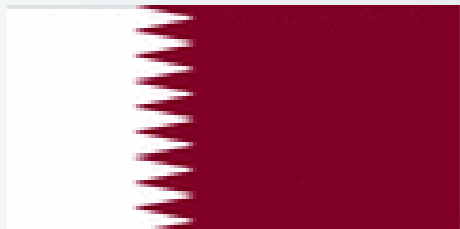
President
Secretary

Mr Saleh Mahmood Al-Zadjali
Mrs Raya Khalifa Al-Hajri

Year joined the IEC **2010**

Adoption agreement	Yes
IEC IS adopted	5
Sales agreement	Yes
Royalties	Yes

AIDMO – Qatar IEC Full Member



IEC National Committee of Qatar
Qatar Standards
(Standards and Metrology Dept.)
P.O. Box 23277
QA DOHA
Qatar

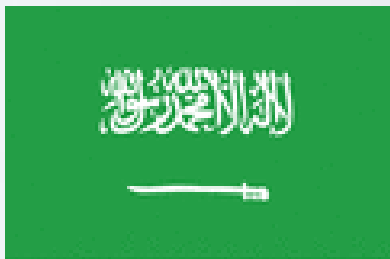
President
Secretary

Mr Ibrahim Ahmed Abdulla Bahzad
Mr Bahaeldin Mahjoub Hassan

Year joined the IEC **2008**

Adoption agreement	No
IEC IS adopted	158
Sales agreement	Yes
Royalties	No

AIDMO - Saudi Arabia IEC Full Member



IEC National Committee of Saudi Arabia
Saudi Standards, Metrology and Quality Organization
Imam Saud Bin Abdul Aziz Bin Mohammad Road ,
West Mohmmadiya , Riyadh
PO Box 3437
RIYADH 11471
Saudi Arabia

President
Secretary

Mr Saad Othman AlKasabi
Mr Abdulrahman Abdullah Alabdulkarim

Year joined the IEC **1998**

Adoption agreement **Yes**
IEC IS adopted **2635**
Sales agreement **Yes**
Royalties **Yes**

AIDMO – Tunisia IEC Associate Member



IEC National Committee of Tunisia
COMITE NATIONAL TUNISIEN DE LA CEI
Institut National de la Normalisation et
de la Propriété Industrielle (INNORPI)
Rue n°8451, n° 8 par la rue Alain Savary, BP 57
TN-1003 CITÉ EL KHADHRA, TUNIS
Tunisia

President
Secretary

Mr Abdelaziz Halleb
Mr Ghaith MASMOUDI

Year joined the IEC **1985**

Adoption agreement **Yes**
IEC IS adopted **114**
Sales agreement **Yes**
Royalties **No**

AIDMO – UAE IEC Full Member



IEC National Committee of the United Arab Emirates
Emirates National Committee for IEC (ENC-IEC)
c/o Emirates Authority for Standardization and
Metrology
Business Avenue Building Port Saeed
Deira P.O. Box 48666
Dubai
United Arab Emirates

President
Secretary

Mr Abdulla Abdelqadir Al Maeeni
Mr Essa Al Hashmi

Year joined the IEC **2010**

Adoption agreement	Yes
IEC IS adopted	93
Sales agreement	Yes
Royalties	No

IEC AFFILIATE COUNTRY PROGRAMME - Update Since April 2016



Update since last AIDMO meeting

- Syrian Arab Republic joined the Affiliate Country Programme in July 2016
- Liberia joined the Affiliate Country Programme in November 2016

IEC	International Electrotechnical Commission IEC Affiliate Country Programme Pledge						
The Syrian Arab Organization for Standardization and Metrology (SASMO), located in Damascus, Syria, wishes to become part of the IEC Affiliate Country Programme and, in doing so, pledges to: • Use IEC International Standards to the fullest extent possible; • Identify IEC technical work relevant to its country's current and future needs; • Contribute to the relevant technical work where possible; and • Participate fully in the IEC Affiliate Country Forum. July - 2016 <table><tbody><tr><td>Eng Mohsen Alhallak General Director</td><td>F.W.P. Vreeswijk General Secretary & CEO</td></tr><tr><td>Signature: </td><td>Signature: </td></tr><tr><td>Date: 06/30/2016</td><td>Date: 2016-07-04</td></tr></tbody></table>		Eng Mohsen Alhallak General Director	F.W.P. Vreeswijk General Secretary & CEO	Signature: 	Signature: 	Date: 06/30/2016	Date: 2016-07-04
Eng Mohsen Alhallak General Director	F.W.P. Vreeswijk General Secretary & CEO						
Signature: 	Signature: 						
Date: 06/30/2016	Date: 2016-07-04						

86 Affiliates and potential

AMERICAS

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

AFRICA

Angola
Benin
Botswana
Burkina Faso
Burundi
Cameroon
Central African Rep.
Chad
Comoros
Congo
Côte d'Ivoire
DRC Congo
Djibouti
Eritrea
Ethiopia
Gabon
Gambia
Ghana
Guinea
Guinea Bissau
Lesotho

Liberia
Madagascar
Malawi
Mali

Mauritania

Mauritius
Mozambique
Namibia
Niger
Rwanda
Senegal
Seychelles
Sierra Leone

Somalia

South Sudan
Sudan
Swaziland
Tanzania
Togo
Uganda
Zambia
Zimbabwe

ASIA

Afghanistan
Armenia
Azerbaijan
Bangladesh
Bhutan
Kyrgyzstan

Lebanon

Mongolia
Myanmar
Nepal

Palestine

Syria

Turkmenistan
Uzbekistan

Yemen

ASIA-PACIFIC

Brunei Darussalam
Cambodia
Fiji
Lao PDR
Papua New Guinea

Reminder on Affiliate benefits

- A tool to use International Standards and comply with WTO
- No participation fee, no right to vote, *not a form of membership*
- **200** free IEC International Standards for adoption
 - **400** for Affiliates Plus
- Selection of **10 technical fields** and access to working documents for comments
- Access to **IEC CA Systems** through **ACAS**
- Tailored programme during **IEC General Meetings**
- **Affiliate Leader, Secretariat, IEC Regional Centres**
- **Guides and website**
- **Mentoring** upon request

Affiliate Plus

- **Criteria**
 - At least 50 adoptions of IEC IS
 - National Electrotechnical Committee
 - 28 countries have obtained Affiliate Plus
 - **Benin (Sept), Cambodia (July)**
- **New benefits**
 - 400 free adoptions instead of 200
 - Priority for mentoring



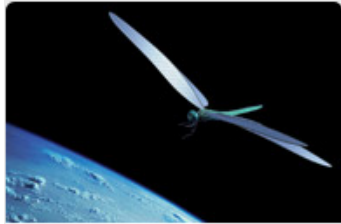
Mentoring partnerships

- Rwanda – Austria (2013)
- Afghanistan – Malaysia (2014)
- Côte d'Ivoire- France (2014)
- DRC – France (2014)
- Ethiopia – Germany (2014)
- Uruguay – Norway (2014)
- Zambia – Austria (2014)
- Mongolia – Germany (2015)
- Bhutan – Sweden (2015)
- Peru – Mexico (2015)
- **Ecuador – Mexico (2016)**
- **Gambia – Netherlands (2016)**

ACAS package benefits

- Regional awareness events
- ACAS section on IEC Affiliate website
 - <http://www.iec.ch/affiliates/acas>
- Webinars (upon request)
- **E-learning modules on IEC ACAS website**
- Observer status at IEC CA System management meetings (based on prerequisite training conditions)
- Info at : affiliates@iec.ch

e-Learning for IEC Affiliates and Members (<http://www.iec.ch/affiliates/acas/>)



IEC Affiliates

IEC Programme for
developing countries

Affiliate Country list

Affiliate Country
Programme

Your participation

National adoptions

ACAS

General Meetings

Forum & Workshops

Facts & Figures

Contact

- **Level 0**
 - Introductory e-Learning modules
 - Available for all Affiliate participants with IEC login
- **Level 1**
 - Intermediate e-Learning modules
 - Available only for Affiliate participants nominated through the ACAS Pledge signed by their country
 - Short test at end of Level 1 for access to Level 2
- **Level 2**
 - Advanced e-Learning modules
 - Available for Affiliate participants who have passed the test for the previous levels, and whose country has signed the ACAS Declaration
 - At the end, participants will receive a "Recognition of Achievement" attesting that they have successfully completed an ACAS e-Learning course

IEC e-learning modules

<http://www.iec.ch/affiliates/acas/e-learning/>



The screenshot shows the IEC website's ACAS e-Learning section. The header includes the IEC logo and navigation links like 'myIEC', 'Subscribe', 'Sitemap', 'FAQs', and 'Contact us'. A secondary navigation bar lists various website sections. The main content area is titled 'ACAS e-Learning' and includes a paragraph about the program's launch in August 2013. Below this, four e-learning modules are displayed in a grid, each with its own IEC logo and title. A red rectangle highlights this grid of modules. The left sidebar contains links to 'IEC Affiliates', 'Affiliate Country list', 'Your participation', 'National adoptions', 'ACAS', 'General Meetings', 'Forum & Workshops', and 'Facts & Figures'.

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

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You & the IEC | About the IEC | News & views | Standards development | Conformity assessment | Members & experts | Developing countries | Webstore | Search... | Advanced search

Affiliate Country Programme > ACAS > e-Learning

About | ACAS events | Resources | e-Learning

ACAS e-Learning [En] [Fr]

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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IEC Affiliates
IEC Programme for developing countries

Affiliate Country list

Affiliate Country Programme

Your participation

National adoptions

ACAS

General Meetings

Forum & Workshops

Facts & Figures

AIDMO - Lebanon

IEC Affiliate country



Ordre des Ingénieurs et Architectes de Beyrouth (OEA)
Secteur 47 - Mar Elias
Rue Maison de l'Ingénieur
B.P. 11-3118
Riad El Solh 1107 2120
Beyrouth
Lebanon

Principal Contact

Mr Khaled Chehab

[Send Email](#)

- Joined the Programme in 2001
- Ordered 221 free IEC IS
- Declared adoption of 374 IEC IS
- Affiliate Plus status in 2009
- **One delegate attended IEC 80th General Meeting, Frankfurt, Germany, 10-14 Oct 2016**
- Next steps:
 - NEC to be reactivated
 - Submit comments
 - ACAS

AIDMO - Mauritania

- Joined the Programme in 2002
- **Update since last AIDMO meeting:**
 - Visit of IEC-AFRC in July
 - Establishment of NEC (July)
- **Next steps:**
 - Ordered free IEC IS in view of adoption
 - National adoptions
 - Select TCs/SCs + nominate experts
 - ACAS

IEC Affiliate country		
		
Direction de la Normalisation et de la Promotion de la Qualité (DNPQ) Ministère du Commerce, de l'Industrie et du Tourisme B.P. 387 Nouakchott Mauritania		
Principal Contact	Mr Mohamed Ould ETHMANE	✉ Send Email
NEC (Mauritania National Electrotechnical Committee)		
President	Mr Mohamed Ahmed ABDERRAHMANE	✉ Send Email
Secretary	Mr Mohamed Ould ETHMANE	✉ Send Email

AIDMO - Palestine

- Joined the Programme in 2009
- **Ordered 32 additional free IEC IS**
 - Now total of **325**
- Declared adoption of 200 IEC IS
- NEC established in 2012
- Affiliate Plus status in 2012
- **First time one delegate attended IEC 80th General Meeting, Frankfurt, Germany, 10-14 Oct 2016**
- Next step:
 - Submit comments
 - ACAS

IEC Affiliate country		
		
Palestine Standards Institution (PSI) Al-Quds Main St. AITal District P.O. Box 2258 Ramallah Palestine		
Principal Contact	Mr Haidar Hajjeh	✉ Send Email
NEC (Palestine National Electrotechnical Committee)		
President	Mr Samah Adeeb	✉ Send Email
Secretary	Mrs Reem Barghouthi	✉ Send Email

AIDMO - Sudan

- Joined the Programme in 2004
- **Ordered 8 additional free IEC IS**
 - Now total of **302**
- Declared adoption of 205 IEC IS
- NEC established in 2005
- Affiliate Plus status in 2010
- ACAS Pledge signed in 2013
- **3 delegates attended IEC 80th General Meeting, Frankfurt, Germany, 10-14 Oct 2016**
- Next step:
 - Submit comments
 - ACAS Declaration
 - Visit from IEC-AFRC

IEC Affiliate country



Sudanese Standard and Metrology Organization (SSMO)
Baladia Street
P.O. Box 13573
Khartoum
Sudan

Principal Contact

Mr Awad Mohamed Ahmed SOKRAB

[Send Email](#)

NEC (Sudan National Electrotechnical Committee)

President

Mr Amin Sabri Ahmed

[Send Email](#)

Secretary

Ms Intisar Mohamed Osman

[Send Email](#)

AIDMO - Syrian Arab Republic

IEC Affiliate country		
	The Syrian Arab Organization for Standardization & Metrology (SASMO) Ministry of Industry P.O. Box 11836 Damascus Syrian Arab Republic	
	Principal Contact	Mr Mohsen ALHALLAK Send Email

- **Joined the Programme in July 2016**
- Not using the Programme yet
- Next step:
 - Establish a NEC
 - Ordered free IEC IS in view of adoption
 - Select TCs/SCs + nominate experts
 - ACAS

AIDMO - Yemen

- Joined the Programme in 2002
- Ordered 103 free IEC IS
- Next step:
 - Establish a NEC
 - Select TCs/SCs
 - ACAS

IEC Affiliate country



Yemen Standardization, Metrology and Quality Control Organization (YSMO)
Al-Zubairy Street Industrial Complex
PO Box 15261
Sana'a
Yemen

Principal Contact

Mr Walid Abdul Rahman Othman

[✉ Send Email](#)

Summary update

	Lebanon	Mauritania	Palestine	Sudan	Syrian Arab Rep.	Yemen
Order free IEC IS	221	-	325	302	-	103
Adoption	374	-	200	205	-	-
NEC	yes	Yes	Yes	Yes	-	-
Affiliate Plus	yes	-	Yes	Yes	-	-
ACAS	-	-	-	Yes	-	-
TC/SC selection	9	-	2	15	-	1
Experts	1	-	3	5	-	4
Commenting	-	-	-	-	-	-
Meetings						

Next steps

Targets

- Djibouti and Somalia to join the Programme
- Mauritania and Syrian Arab Republic to start using the Programme
- Benefits from ACAS: sign pledge
- Nominate experts and start commenting

Tools

- Mentoring via Affiliate Plus status
- Implement collaboration pledge
- Training from IEC-AFRC or Affiliate Secretariat

IEC offices



IEC Central Office & IECEE/IECRE Secretariat



IEC Central Office

3, rue de Varembe, P.O. Box 131
1211 Geneva 20
Switzerland
Tel : ☎ +41 22 919 02 11
✉ IEC Central Office
[More about the IEC Central Office](#)
Visit the [IECEE](#) & [IECRE](#) websites

IECEX/IECQ Secretariat



IECEX/IECQ Secretariat

The Executive Centre
Australia Square, Level 33
264 George Street
Sydney NSW 2000
Australia
Tel : ☎ +61 246 28 4690
Chris Agius ✉ IECEX ✉ IECQ
Visit the [IECEX](#) & [IECQ](#) websites

IEC Africa



IEC-AFRC

IEC Africa Regional Centre
7th Floor, Block One, Eden Square
Chiromo Road, Westlands
P.O. Box 856
00606 Nairobi, Kenya
Tel : ☎ +254 20 3673000
✉ François Ahoti | ✉ Evah Oduor
[More about the IEC-AFRC Office](#)

IEC Asia-Pacific



IEC-APRC

IEC Asia-Pacific Regional Centre
2 Bukit Merah Central #15-04/05
(former SPRING Singapore building)
Singapore 159835
Singapore
Tel : ☎ +65 6377 5173
✉ Dennis Chew
[More about the IEC-APRC Office](#)

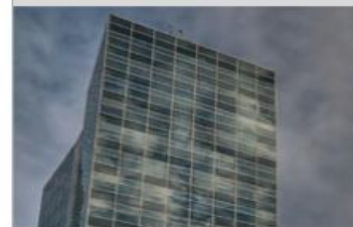
IEC Latin America



IEC-LARC

IEC Latin America Regional Centre
Av. Paulista, 2300 – Pilotis Floor
Cerqueira. César
São Paulo - SP - CEP 01310-300
Brazil
Tel : ☎ +55 11 2847 4672
✉ Amaury Santos
[More about the IEC-LARC Office](#)

IEC North America



IEC-ReCNA

IEC Regional Centre for North America
446 Main Street
16th Floor
Worcester, MA 01608
U.S.A.
Tel : ☎ +1 508 755 5663
✉ Tim Rotti
[More about the IEC-ReCNA Office](#)

IEC-AFRC **will visit Sudan in 2017**



7th Floor, Block One, Eden Square , Chiromo Road, Westlands

P.O. Box 856
00606 Nairobi, Kenya

Tel : + 254 20 367 3000
+ 254 20 375 2244

Portable: +254 733 897 000
+254 704 937 806

Fax: +254 20 374 0913

Email: eod@iec.ch

fya@iec.ch



Evah Oduor



François Ahoti

IEC CA Systems

Global conformity assessment Systems

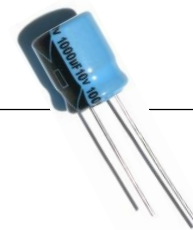
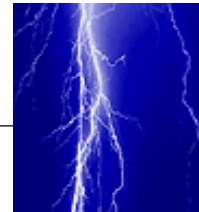
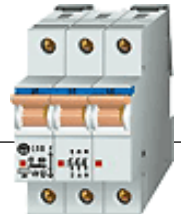
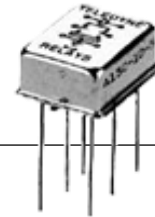


- IECEE
- IECEX
- IECQ
- IECRE

IECEE CA Schemes

CB-Scheme

CB-FCS



IECEx – explosive atmospheres

- Equipment Scheme ← unit certification
- Service Scheme ← process certification
- Certified Persons Scheme ← people certification
- Mark Licensing Scheme ← licencing



IECQ – Quality

- HSPM – Hazardous Substances ← process
- ECMP for avionics ← supply chain
- Counterfeit Avoidance Process Scheme
- LED lighting Scheme



IECRE – Renewable Energy

Wind Energy

Marine Energy

Solar PV Energy



Adoption of IEC International Standards

What is an IEC International Standard?

- technical guidelines or characteristics developed by experts representing all stakeholders
- based on international consensus
- always voluntary



Advantages of using an IS

- Already exists
- Will be updated automatically
- Reflects state of the art, international consensus
- Cheap, quick, easy to use
- Avoids lengthy process of drafting a new standard that is unrecognized and could just be “reinventing the wheel”

Adopting and referencing International Standards

- **IS can be adopted**
 - By companies, consortia ...
 - Nationally
 - Regionally
- **IS can be referred to**
 - In company procedures, marketing literature ...
 - In other standards (national, regional, international)
 - In technical regulations
- **In some countries IS can be used directly**
- **In others, they may not be used unless first adopted as national standards**

How to adopt



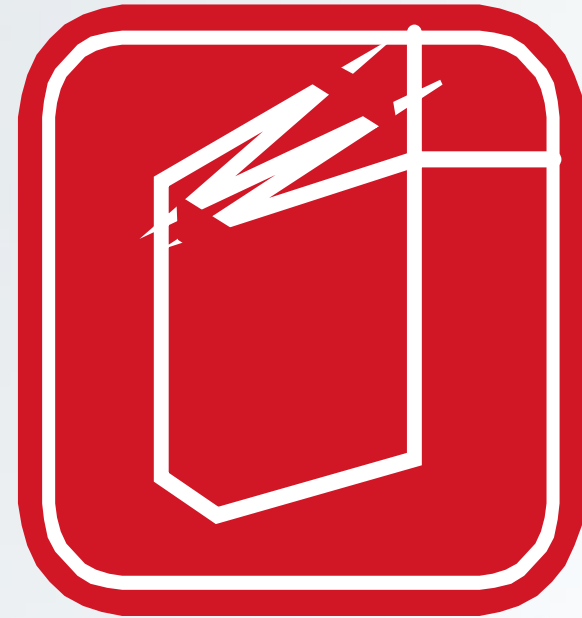
ISO/IEC Guide 21:2005

Regional or national adoption of International Standards

- *Part 1: Adoption of International Standards*
- *Part 2: Adoption of International Deliverables other than International Standards*

What is an adoption?

- The publication of a regional or national normative document
- Based on an **International Standard**
- Has the same status as a national standard or other normative document
- Can have deviations



Three degrees of correspondence

Degrees:	Identical	Modified	Not equivalent
Adoption:	Yes	Yes	No
Identifiers:	IDT	MOD	NEQ

NOTE: Under the IEC Affiliate Country Programme, only identical adoptions are possible.

Declaration to be made on adoption

- In IEC, there is a database of adopted IEC International Standards
- Members have to feed in their adoption data directly
- **Participants in the IEC Affiliate Country Programme are entitled to adopt up to 200 IEC International Standards as national standards free**
- **Adoptions under the IEC Affiliate Country Programme are in accordance with ISO/IEC Guide 21-1**
- **Affiliates are required to make a declaration that:**
 - **The adoptions of IEC International Standards have been made in accordance with ISO/IEC Guide 21 AND the Affiliate Adoption Procedure**
 - **As such, under national law, such standards may be referred to in national laws or regulations**
 - **Any translations have been done accurately**

Adoption of IEC International Standards for Affiliates

- Affiliates can adopt IEC IS through a facilitated procedure (see : <http://www.iec.ch/affiliates/adoptions/procedure.htm>)
- They receive 200 IEC IS free of charge (including amendments and new editions)
 - 400 if they have the Affiliate Plus status
- They are not allowed to sell the adoption files that they have received free of charge
- They may make copies for the members of their NEC
- Copies for their stakeholders maybe purchased from IEC Central Office with 90% discount if the request is made through the Affiliate contacts
- If Affiliates need to adopt more than 200 IEC IS (or more than 400 if Affiliate Plus) additional IEC IS must be purchased at the IEC CO with 50% discount.

DECLARATION OF ADOPTION

International Electrotechnical Commission
Attn: Affiliate Country Programme Secretary
3, rue de Varembe
PO Box 131
CH-1211 Geneva 20
SWITZERLAND

2010-MM-DD

Subject: Declaration of Adoption of IEC International Standards

Dear IEC General Secretary,

In *(name of organization)*'s capacity as a participant in the IEC Affiliate Country Programme and in full authority of my organization,

I hereby declare that, under the terms of the IEC Affiliate Country Programme, the IEC International Standards given in the attached list have been adopted as national standards in accordance with ISO/IEC Guide 21-1 and the Affiliate adoption procedure, and as such, under *(name of country)* law may be referred in national laws or regulations.

Supplementary clause (in case of translation)

In addition, I hereby declare that the adopted IEC International Standards have been translated into the national language and that each translated version is an accurate translation of the IEC International Standard.

In line with the Affiliate adoption procedure, I would request that PDF files of the adopted IEC International Standards be sent to my office at your earliest convenience.

Yes ☒ No ☐

Yours sincerely,

SIGNATURE

ORGANIZATION

NAME

TITLE

How to source documents for adoption

- For IEC National Committees: IEC Publications in MS Word format for national adoption
 - Visit IEC website: <http://std.iec.ch/iec-lib/revisablefile.nsf/welcome?readform>
 - Contact Central Office: Technical Information Support and Services tiss@iec.ch
- **For IEC Affiliates:**
 - Visit Affiliate website on national adoption: <http://www.iec.ch/affiliates/adoptions/procedure.htm>
 - Contact Affiliate Secretariat: affiliates@iec.ch

Adoption toolbox

- Adopting and referring to International Standards for regulations (ISO/IEC guide 21-1)
- **Facilitated adoption procedure for IEC Affiliates:**
<http://www.iec.ch/affiliates/adoptions/procedure.htm>
- Abridged course for IEC NC and Affiliates
- Harmonization of regional standards on IEC IS (CENELEC – AFSEC – COPANT...)
- EASC cooperation agreement

IEC YP Programme

(for members only)



- **Objective:** encourage professionals at the start of their career to participate in IEC work
- **Who:** Young managers, engineers, technicians aged from early 20s to mid-30s
- **What:** YPs learn about the IEC, observe meetings, network with IEC officials and experts, work together on projects, get their voice heard
- **How:** yearly workshop during the IEC GM
 - Next one Vladivostok October 2017
 - www.iec.ch/youngprofessionals

See you at the next IEC General Meeting

- Vladivostok, Russia 9-13 October 2017
- Busan, Korea, October 2018
- China, October 2019
- Sweden, October 2020
- UAE, October 2021
- USA, October 2022
- Egypt, October 2023



Thank you
Merci
شكرا لك

Antoinette PITTELOUD
External Liaisons Officer –
api@iec.ch www.iec.ch
Skype antoinette-iec



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COMMISSION