

# Bridging the Standardization Gap (BSG)

**BSG activities in 2017**

**Regional Standardization Forum: Economic, Regulatory  
and Policy Trends in a Fast-Changing Digital World**

**5 February 2018, (Kigali, Rwanda)**



**Contact :**

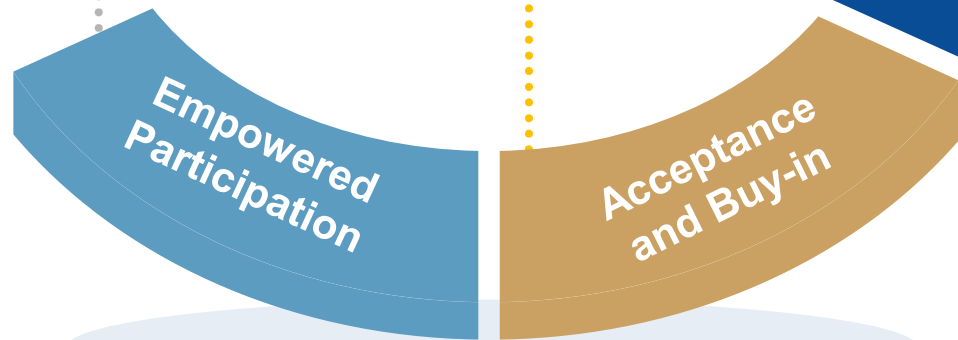
**Lara Srivastava, Head, Bridging the Standardization  
Gap Programme**

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# Why Bridge the Gap: An ITU-T Value Proposition

Empowering participation and informed dialogue in standards-making from all corners of the world

Raising international acceptance and Quality of ITU-T Standards



- ✓ Informs and Fuels Innovation
- ✓ Is inclusive of needs and requirements of established & emerging markets
- ✓ Ensures wider standards implementation

# Governing Texts: ITU constitution, Strategic plan and PP

Article 17 of the ITU Constitution refers explicitly to the “bearing in mind...concerns of developing countries”

**Art. 17**  
Constitution

ARTICLE 17  
Functions and Structure

104  
PP-98

1 1) The functions of the Telecommunication Standardization Sector shall be, bearing in mind the particular concerns of the developing countries, to fulfil the purposes of the Union relating to telecommunication standardization, as stated in Article 1 of this Constitution, by studying technical, operating and tariff questions and adopting recommendations on them with a view to standardizing telecommunications on a worldwide basis.

In the ITU Strategic Plan 2016-2019 (Annex to Res. 71), the following is listed as one of the 5 overarching objectives of ITU-T :

**Strategic Plan**  
(PP Res. 71)  
T2

- Promote the **active participation** of the membership, in particular **developing countries**, in the definition and adoption of non-discriminatory international standards (ITU-T Recommendations) with a view to **bridging the standardization gap**

**PP-14 Resolution 123 (rev. Busan) resolves, *inter alia*, to instruct the Secretary General and the Directors of the 3 Bureaux to:**

- to provide developing countries with **assistance to enhance capacity building** in the standardization field
- to identify ways and means to **support the participation of representatives of developing countries** in the meetings of the three Sectors of ITU and the **dissemination of information** on standardization
- to further **collaborate with the relevant regional organizations** and support their work in this area...
- ...

**PP**  
**Res. 123**

## Governing Texts: WTSA Resolution 44 (Rev. Hammamet, 2016)



*... that developing countries are still encountering multifarious difficulties in ensuring their efficient participation in the work of ITU-T, in particular engaging in and following up the work of the ITU-T study groups*

Res. 44 includes (in its annex)  
an **Action Plan** to implement Resolution 123 of PP-14

## WTSA Resolutions related to BSG

**Resolution 18 (Rev. Hammamet, 2016)** - Principles and procedures for the allocation of work to, and strengthening coordination and cooperation among, the ITU Radiocommunication, ITU Telecommunication Standardization and ITU Telecommunication Development Sectors

**Resolution 22 (Rev. Hammamet, 2016)** - Authorization for the Telecommunication Standardization Advisory Group to act between world telecommunication standardization assemblies

**Resolution 34 (Rev. Dubai, 2012)** - Voluntary contributions

**Resolution 44 (Rev. Hammamet, 2016)** - Bridging the standardization gap between developing and developed countries

**Resolution 54 (Rev. Hammamet, 2016)** - Creation of, and assistance to, regional groups

**Resolution 58 (Rev. Dubai, 2012)** - Encouraging the creation of national computer incident response teams, particularly for developing countries

**Resolution 70 (Rev. Hammamet, 2016)** - Telecommunication/information and communication technology accessibility for persons with disabilities

**Resolution 73 (Rev. Hammamet, 2016)** - Information and communication technologies, environment and climate change

**Resolution 85 (Hammamet, 2016)** - Strengthening and diversifying the resources of the ITU Telecommunication Standardization Sector

**Resolution 86 (Hammamet, 2016)** - Facilitating the implementation of the Smart Africa Manifesto

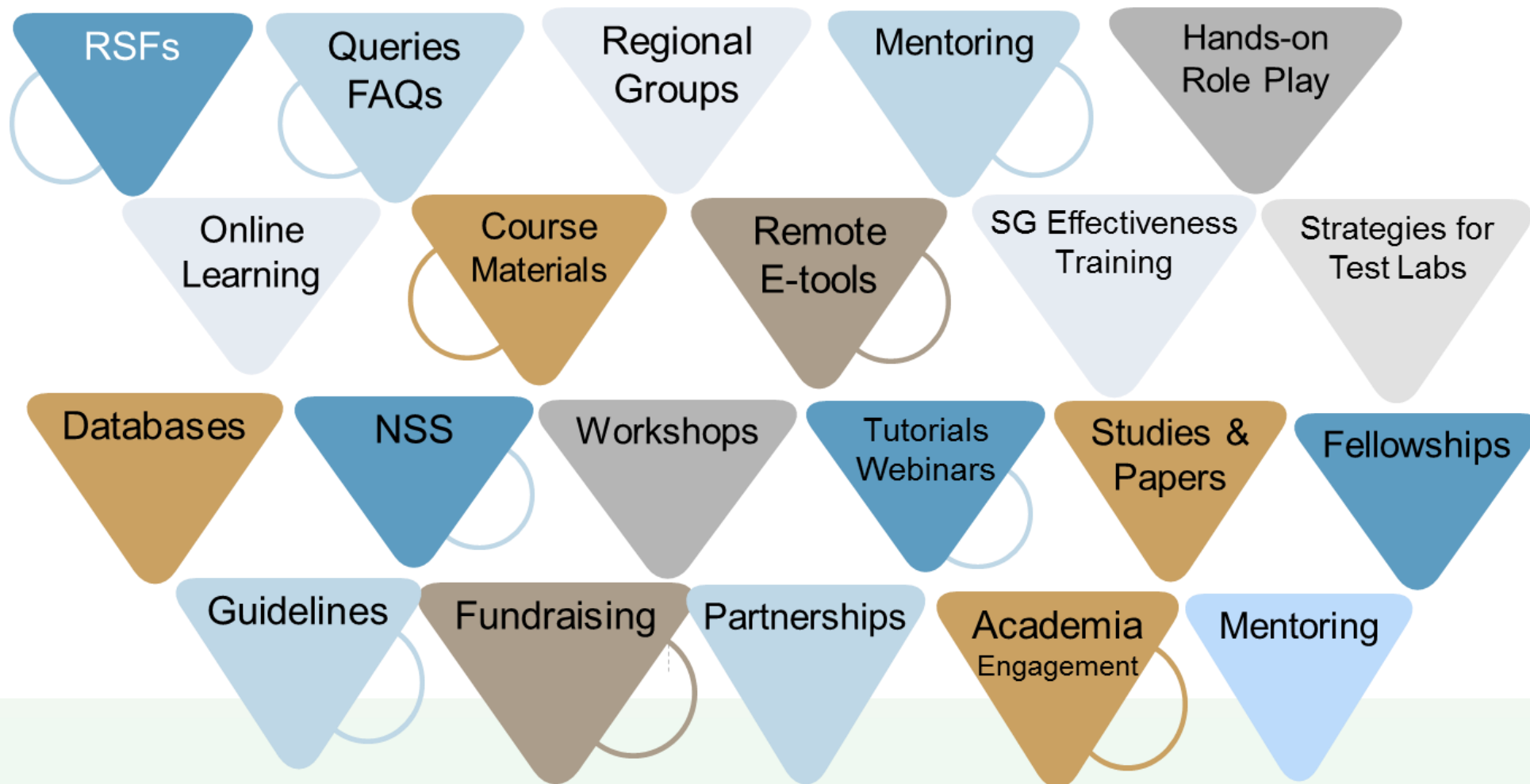
**Resolution 90 (Hammamet, 2016)** - Open source in the ITU Telecommunication Standardization Sector

# BSG Programme- 5 Strategic pillars



# Key BSG @ ITU Activities 2017-2020

What the BSG Programme covers



## Strategic Pillar : Know-How

### BSG Hands-on Sessions

The [Bridging the Standardization Gap \(BSG\)](#) programme aims to **facilitate** the efficient participation of in ITU's standards-making process and BSG hands-on sessions focus on 5 core elements of international standards-making:



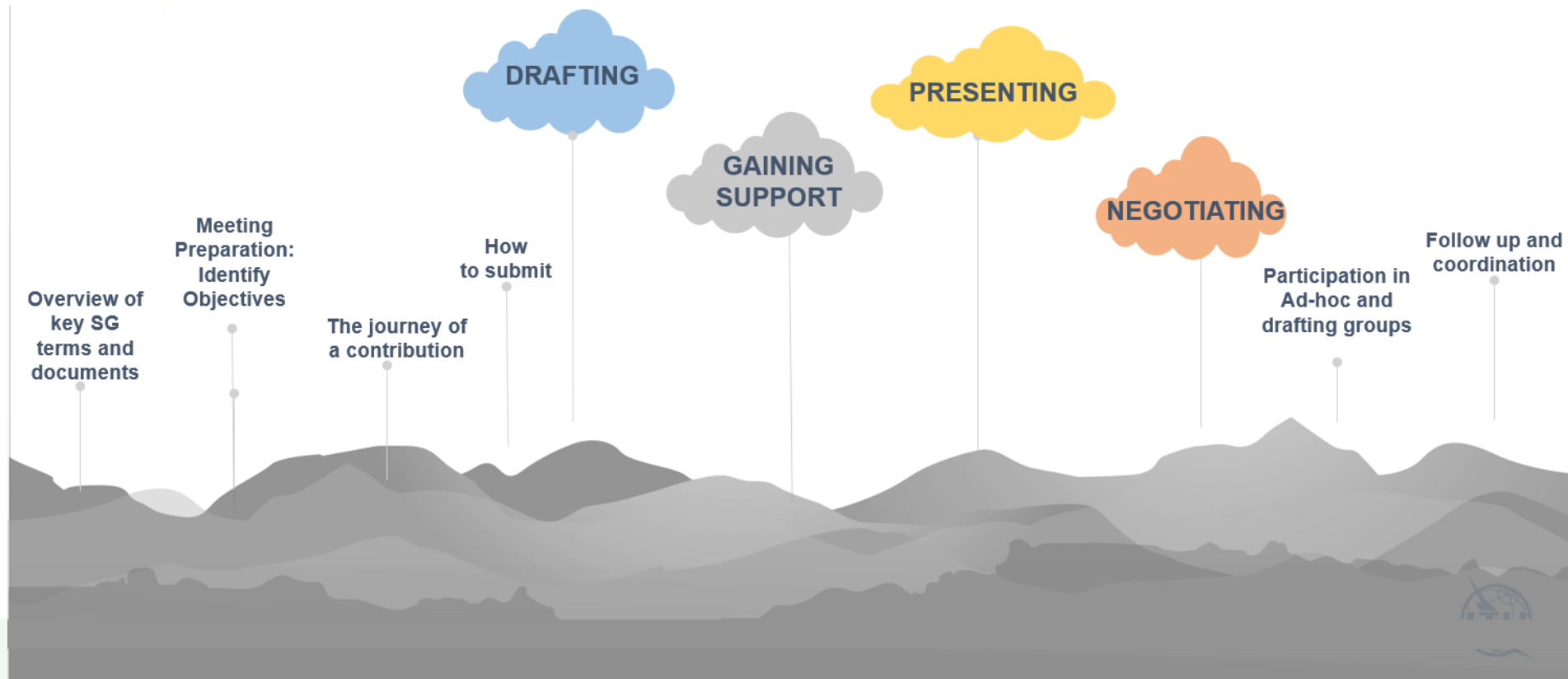


# Strategic Pillar : Know-How

## BSG Hands-on Sessions

### *Module-based learning*

The BSG interactive Hands-on sessions are combined with traditional delivery of educational modules



## Strategic Pillar : Know-How

### BSG Hands-on Sessions (2016-2017)



**24**

Hands-on  
Training Sessions



**431**

Delegates  
trained



**73**

Countries  
represented



**89**

Organizations  
attending

**Our BSG Alumni share  
their impressions**



# Strategic Pillar : Know-How

## BSG Hands-on Sessions (2016-2017)

### Images from BSG interactive sessions in Geneva



## Strategic Pillar : Know-How

### BSG Hands-on Sessions (2016-2017)

Images from BSG interactive sessions in the regions- More than 400 BSG Alumni



# Strategic Pillar : Know-How

## BSG e-Learning courses



Two online courses have been developed under the Bridging the Standardization Gap programme:

### ITU-T A.1: Working Methods of ITU-T Study Groups

### Introduction to Next Generation Networks (NGN)

New online courses are currently under development.

#### Recommendation ITU-T A.1: Working Methods of ITU-T Study Groups (2017)

Course Details Tutors Fees



This is the first e-Learning course developed by ITU-T and addressed to the sector members.

Enrolment key: ITU-T90100-2017

For questions contact: [bridging@itu.int](mailto:bridging@itu.int)

Course Type: e-Learning

Region:

Language: English

[Enrol Me Into This Course](#)

#### Introduction to Next Generation Networks (NGN)

Course Details Tutors Fees



This course provides an introduction to Next Generation Networks (NGN) and a better understanding of the drivers to migrate to NGN and possible influences on regulatory considerations, which are caused by technology innovation, especially impacts to the telecommunication regulatory frameworks. The regulatory impacts and issues caused by NGNs will also be covered.

Enrolment key: Ngn2016i

Course Type: e-Learning

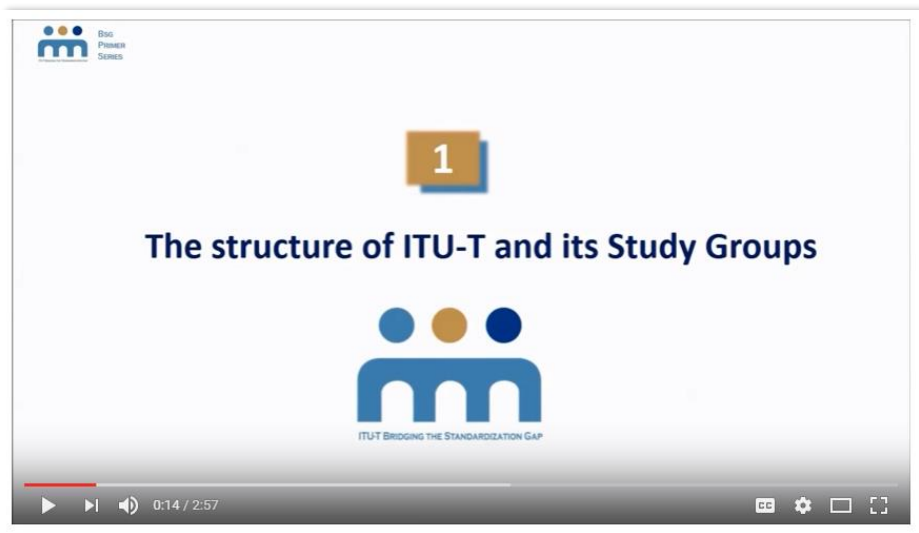
Region:

Language: English

[Enrol Me Into This Course](#)

# Strategic Pillar : Know-How

## BSG Primers



### BSG Primer Videos

<p>The structure of ITU-T and its Study Groups</p>	<p>KEY OUTPUTS OF ITU-T STUDY GROUP MEETINGS</p>
1. The structure of ITU-T and its Study Groups	2. Key documents for ITU-T Study Groups
<p>The Rationale/Discussion</p>	<p>TWO WAYS TO SUBMIT: 1. Direct Document Posting (DDP)</p>
3. How to draft a contribution to ITU-T Study Groups	4. How to submit a contribution to a Study Group meeting?

# Strategic Pillar : Know-How

## BSG Quiz

ITU Committed to connecting the world #ICT4SDG





What would you like to search for?

Home ITU General Secretariat Radiocommunication **Standardization** Development ITU Telecom Members' Zone Join ITU

About ITU-T Study Groups Events All Groups Join ITU-T Standards Resources Regional Presence

### BSG Quiz

YOU ARE HERE HOME > ITU-T > BRIDGING THE STANDARDIZATION GAP > BSG QUIZ

SHARE    

- BSG Home
- Awareness
- Know-How
- Community
- Engagement
- Partnering
- Useful Resources

**Responsibilities of a Joint Coordination Activity (JCA) do not include:**

- Coordination and planning among involved study groups
- Proposed solution of technical issues
- Identification of strategic issues
- Coordination with recognized SDOs and forums outside ITU-T

**Liaison statements can be sent to an external body only if:**

- The liaison statement is approved by the study group
- A liaison rapporteur has been appointed
- There is prior TSB approval of the external body
- The source and level of agreement of the liaison statement is included

**Coordination with groups outside the study group takes place primarily through:**

- Secretariats of the two organizations
- Contributions to the external body
- Liaison statements
- Joint meetings

ITU Committed to connecting the world #ICT4SDG





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**TSB maintains a searchable record of all outgoing liaison statements and incoming liaison statements in:**

- The work programme database
- The liaison statement database
- Recommendation ITU-T A.1
- Resolution 2

**Most of the technical coordination within study groups is managed by:**

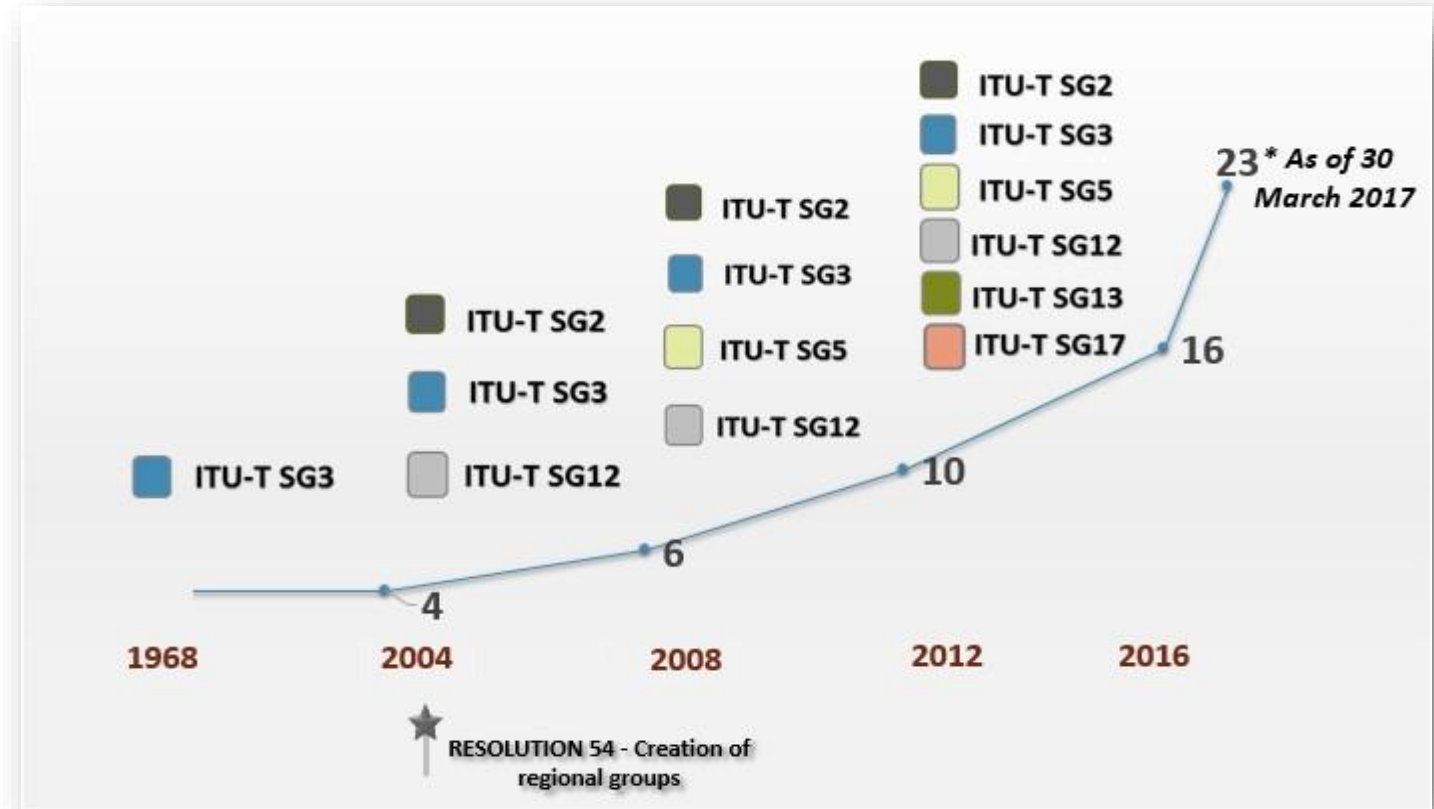
- SG chairmen
- WP chairmen
- Rapporteurs
- TSB counsellor

**It is the responsibility of the rapporteur to ensure effective liaison:**

- False
- True

## Regional groups

50<sup>th</sup> Anniversary of ITU-T Regional Groups will be commemorated in 2018





## Regional groups



The following ITU-T Study Group Regional Group meetings took place in 2017:

ITU-T Study Group 2 Regional Group for the Americas

ITU-T Study Group 3 Regional Group for Africa  
ITU-T Study Group 3 Regional Group for Latin America and the Caribbean  
ITU-T Study Group 3 Regional Group for Asia and Oceania  
ITU-T Study Group 3 Regional Group for the Arab Region

ITU-T Study Group 11 Regional Group for Africa  
ITU-T Study Group 11 Regional Group for EECAT

ITU-T Study Group 12 Regional Group for Africa

ITU-T Study Group 13 Regional Group for Africa

ITU-T Study Group 17 Regional Group for the Arab region

ITU-T Study Group 20 Regional Group for EECAT  
ITU-T Study Group 20 Regional Group for the Arab region

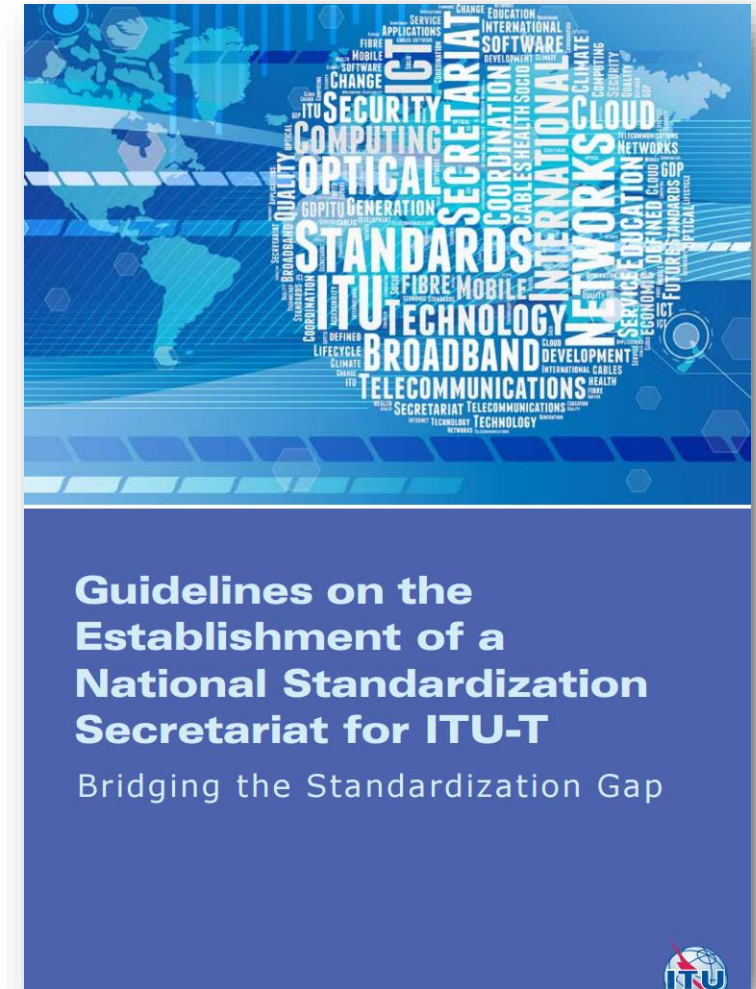
## Strategic Pillar : Community

### NSS

The [“Guidelines on the establishment of a National Standardization Secretariat \(NSS\) for ITU-T”](#) were developed in 2013 and published in 2014.

These Guidelines are currently under revision to tailored to the specific needs of developing countries.

# Tai|ored



### Guidelines on the Establishment of a National Standardization Secretariat for ITU-T

Bridging the Standardization Gap

## Strategic Pillar : Community

### Regional communities in cooperation with Regional Organizations

- Ensure coordination and dissemination of information on BSG activities of the ITU and regular updates in advancements in the work of ITU-T Study Groups.
- Coordinate with each other with a view to organize events, seminars, forums, and information sessions at a regional level focusing on disseminating information and capacity-building, so as to strengthen technical expertise, and increase the participation of developing countries in the establishment and widespread use of telecommunication standards, through their participation and contributions at ITU standardization activities.



# Strategic Pillar : Engagement

## Mentoring



ITU-T Study Group Mentors are very important when it comes to helping newcomers settle in and leave no questions unanswered. Below a list of mentors for each ITU-T Study Group.

**ITU-T Study Group 2:** Hossam Abd El Maoula Saker (NTRA), Abdullah Al-Mubadal (Technical Standard & Numbering), Saif Bin Ghelaita (TRA), Edgardo Guillermo Clemente (ENACOM), Philippe Fouquart (Orange), Aysel Kandemir (ICTA), Ahmed Tajelsir Atya Mohammed (NTC), Yan Chuan Wang (China Telecommunications Corporation)

**ITU-T Study Group 3:** Karima Mahmoudi (INTT), Alana Motilal (TATT), Dominique Wurges (Orange)

**ITU-T Study Group 5:** Ahmed Zeddami (Orange)

**ITU-T Study Group 9:** Satoshi Miyaji (KDDI Corporation)

**ITU-T Study Group 11:** Kaoru Kenyoshi (NEC Corporation)

**ITU-T Study Group 12:** Kwame BAAH-ACHEAMFUOR (NCA), Joachim Pomy (Opticom GmbH)

**ITU-T Study Group 13:** Marco CARUGI (NEC Corporation)

**ITU-T Study Group 15:** *Informal mentoring, newcomers approach more senior delegates who can give advice*

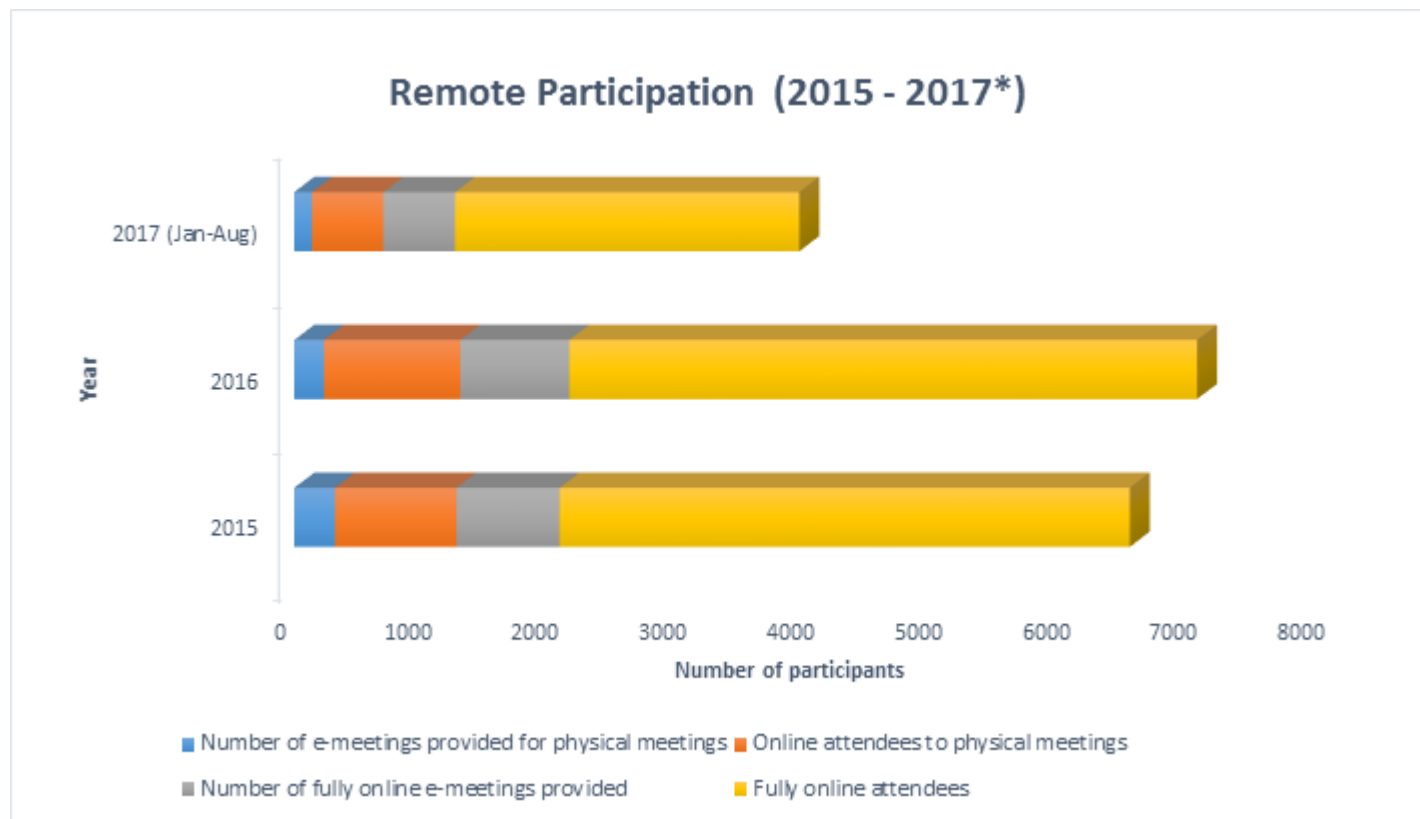
**ITU-T Study Group 16:** Mr Hideki Yamamoto (OKI Electronics)

**ITU-T Study Group 17:** Mohamed M. K. Elhaj (NTC)

**ITU-T Study Group 20:** Marco CARUGI (NEC Corporation)

# Strategic Pillar : Engagement

## Remote participation



## Regional Standardization Forums

2013-2016

### RSF in ARB

- 4 Meetings
- 175 Participants



### RSF in AFR

- 3 Meetings
- 145 Participants



### RSF in APT

- 4 Meetings
- 353 Participants



### RSF in RCC/CIS

- 1 Meeting
- 48 Participants



# Strategic Pillar : Awareness

## Regional Standardization Forums

2017

Starting in 2017, special focus on :

- Establishing synergies with Study Groups
- Raising awareness among decision makers (Prime Ministers, Ministers, Chairmen etc..)
- Ensuring good media coverage

### ITU Regional Standardization Forum - Americas Region

Port of Spain, Trinidad and Tobago, 6 March 2017

### ITU Regional Standardization Forum - Asia and Pacific Region

Seoul, Korea (Rep. of), 24 October 2017

### ITU Regional Standardization Forum - Arab Region

Riyadh, Saudi Arabia, 19 November 2017

### ITU Interregional Standardization Forum - Arab-African Region

Muscat, Oman, 11-12 December 2017

