

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

Xi'an, China, 27 August 2018



50 | ITU-T
REGIONAL
GROUPS
1968-2018

Overview of the BSG Programme

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Hosted by **CAICT**
中国信息通信研究院
China Academy of Information and Communications Technology



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

GLOBAL REACH

Empowered Participation

Acceptance and Buy-in

- ✓ 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.

Strategic Plan (PP Res. 71) T2

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 :

- 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

A number of WTSA Resolutions relate or draw attention 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

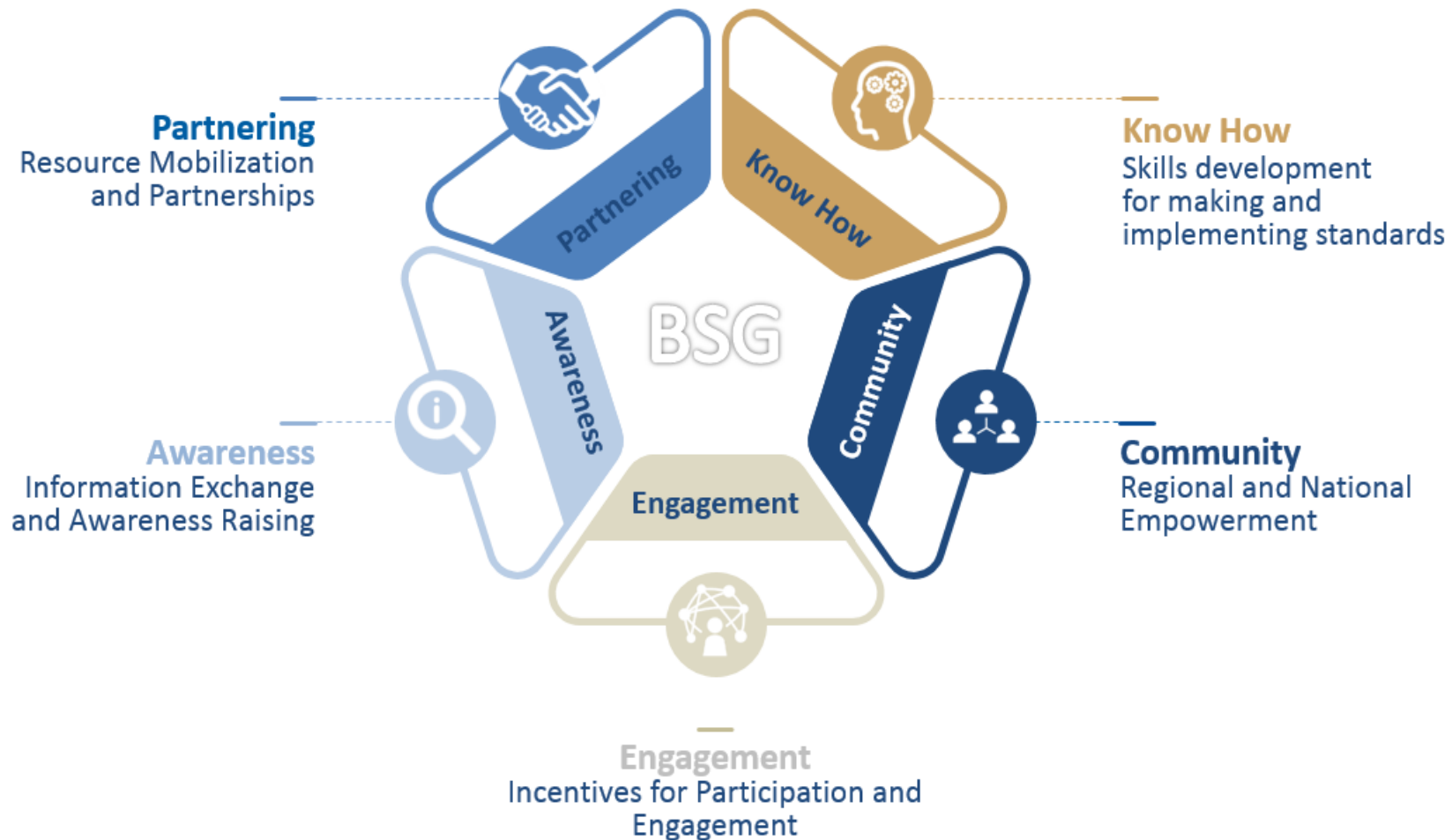
Resolution 73 (Rev. Hammamet, 2016) - Information and communication technologies, environment and climate change

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

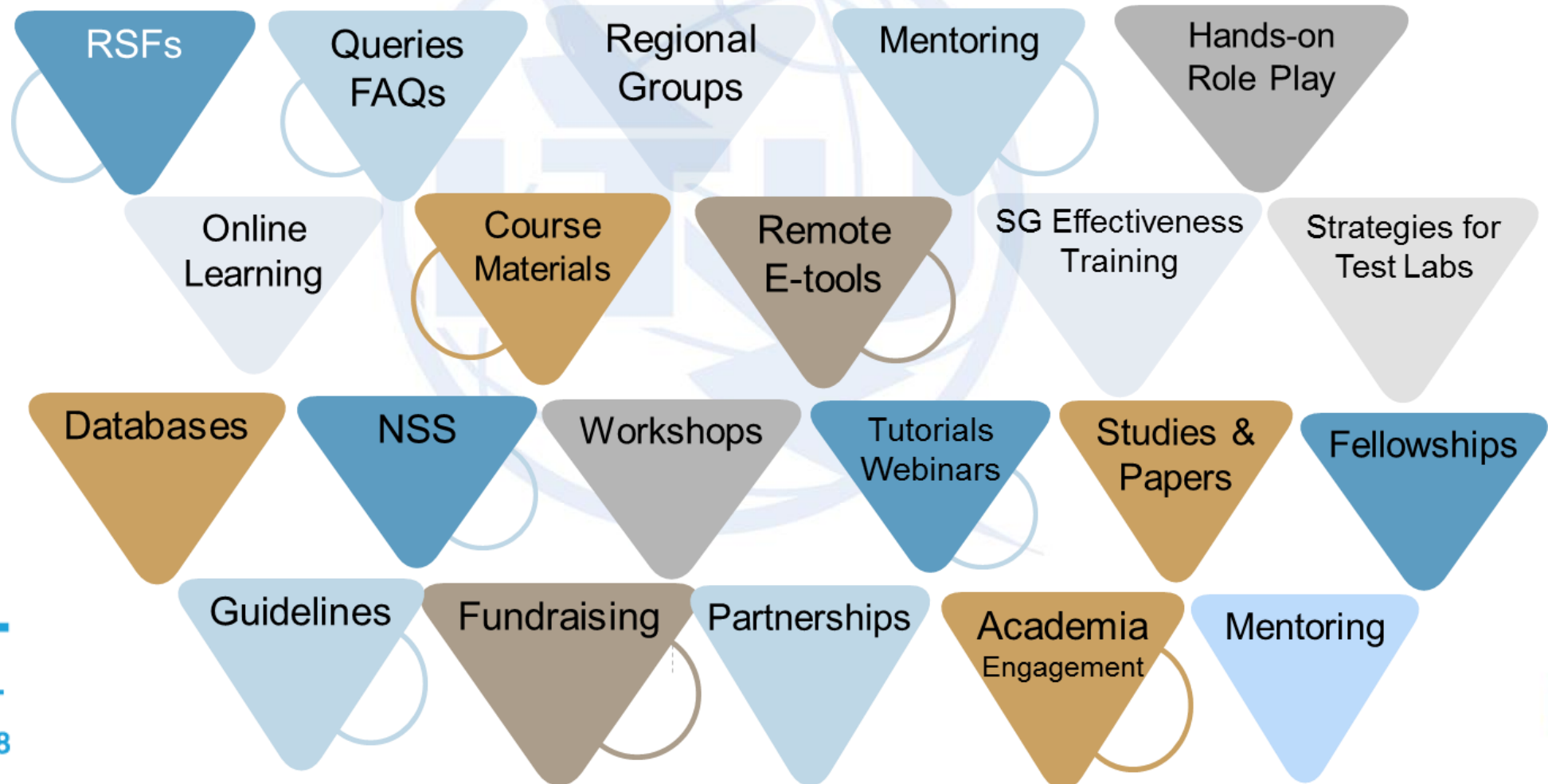
Resolution 86 (Hammamet, 2016) - Facilitating the implementation of the Smart Africa Manifesto

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

BSG Programme- 5 Strategic pillars



Key BSG @ ITU Activities 2017-2020



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:



Strategy

Choosing the right strategy in line with key objectives is an essential part of preparing for ITU-T Study Group meetings.



Contribution

Drafting well structured and effective contributions including concrete proposals is a vital skill for maximizing effectiveness in ITU-T Study Groups.



Communication

Communicating and presenting effectively is a key skill for any delegate and the [programme](#) shares tips and techniques for presentations through interactive sessions.



Collaboration

Learning how to discuss proposals in a spirit of collaboration to achieve objectives is further covered in the [training programme](#).



Consensus

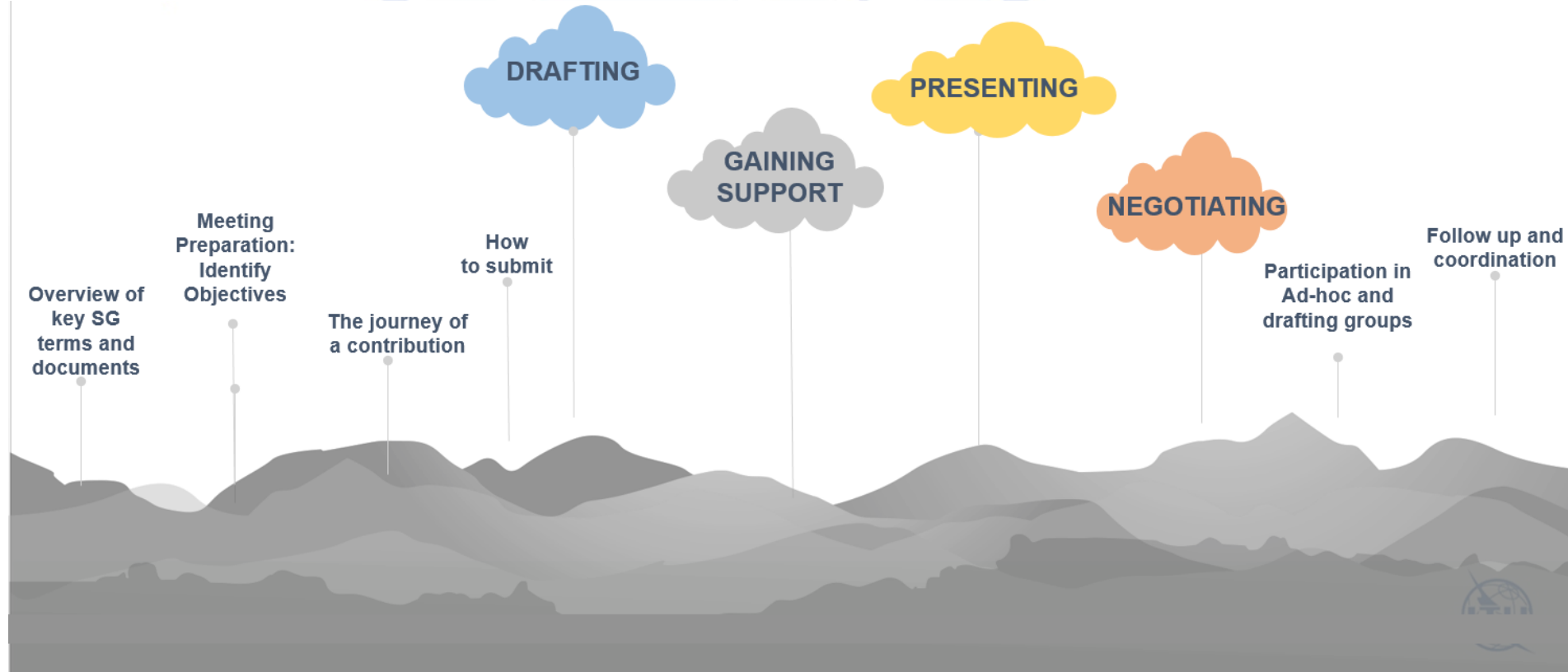
Gaining support and building international consensus is a vital part of the ITU-T standards-making process and the training also covers these aspects.

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 (2016-2018)



27

Hands-on Training
Sessions



500

Delegates
trained



80

Countries
represented



90

Organizations
attending



Strategic Pillar : Know-How

BSG Hands-on Sessions

Images from BSG interactive sessions in Geneva



Strategic Pillar : Know-How

BSG Hands-on Sessions

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

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

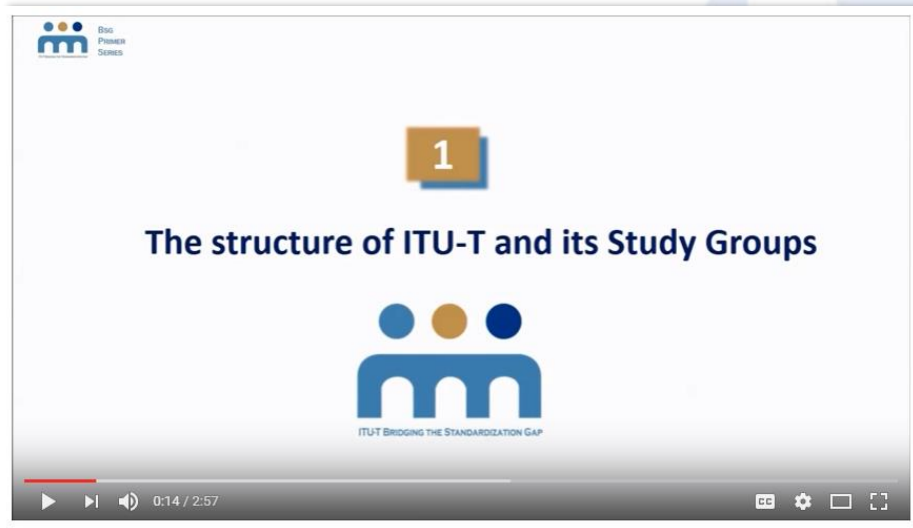
Region:

Language: English





[Enrol Me Into This Course](#)

Strategic Pillar : Know-How

BSG Primers

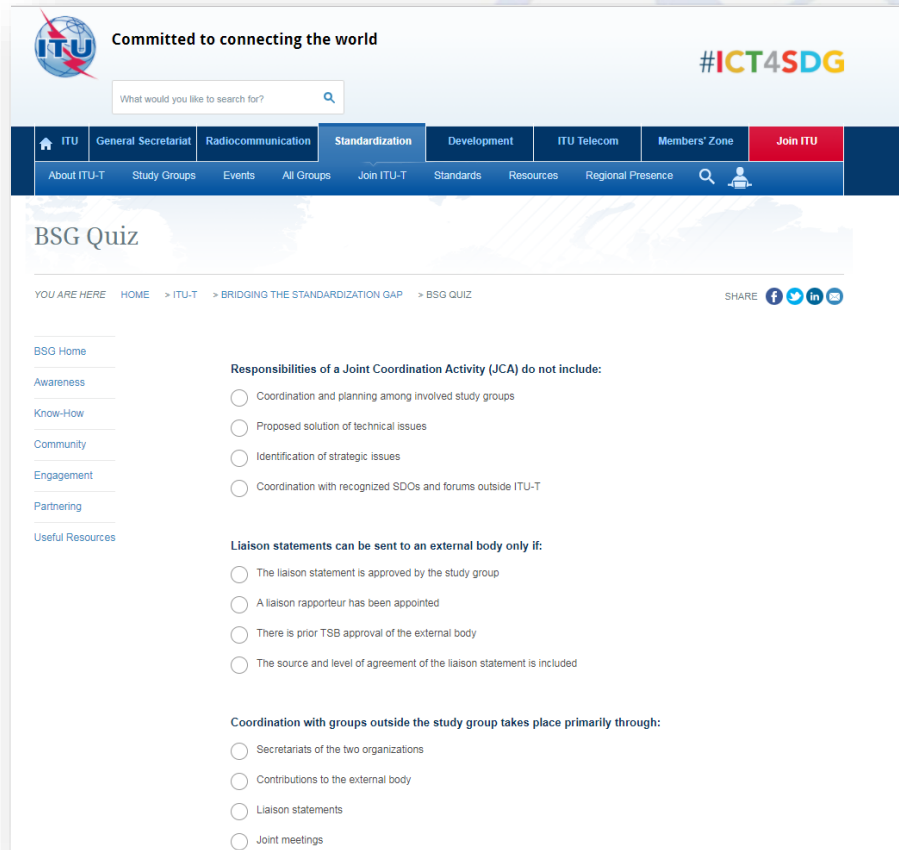


BSG Primer Videos

 <p>1. The structure of ITU-T and its Study Groups</p>	 <p>2. Key documents for ITU-T Study Groups</p>
 <p>3. How to draft a contribution to ITU-T Study Groups</p>	 <p>4. How to submit a contribution to a Study Group meeting?</p>

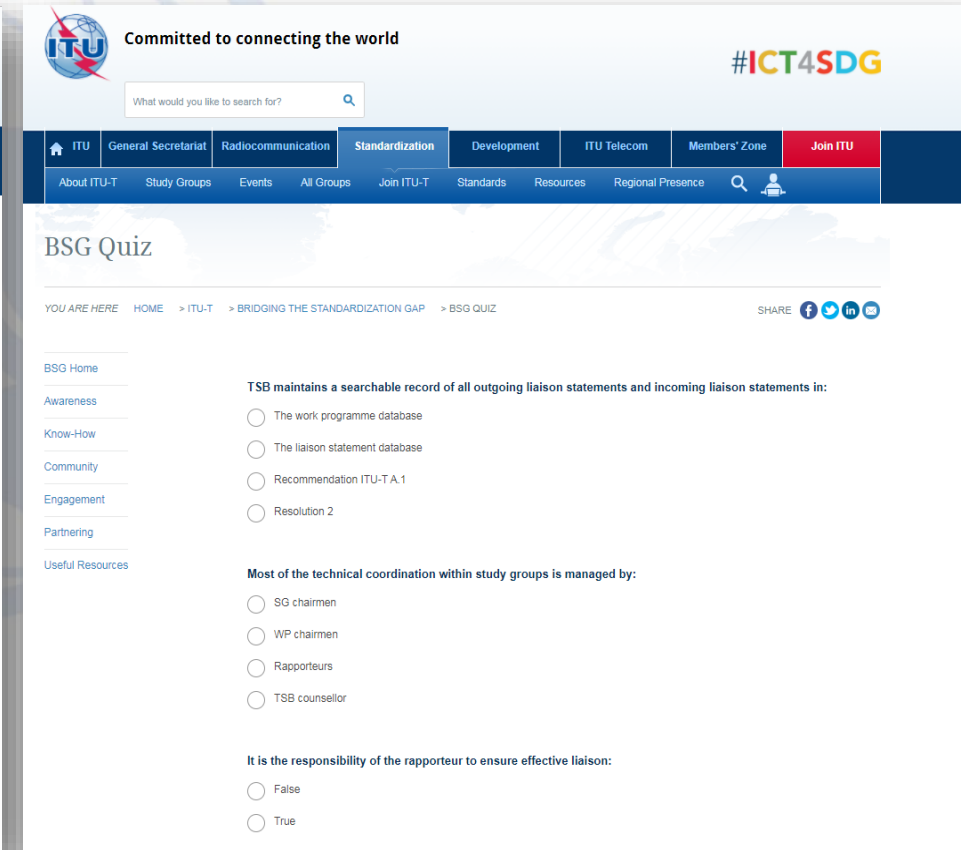
Strategic Pillar : Know-How

BSG Quiz



The screenshot shows the ITU website interface for the BSG Quiz. The header includes the ITU logo, the slogan "Committed to connecting the world", and the hashtag "#ICT4SDG". A search bar is present below the header. The navigation menu includes "ITU", "General Secretariat", "Radiocommunication", "Standardization", "Development", "ITU Telecom", "Members' Zone", and "Join ITU". The main content area is titled "BSG Quiz" and includes a breadcrumb trail: "YOU ARE HERE HOME > ITU-T > BRIDGING THE STANDARDIZATION GAP > BSG QUIZ". A sidebar on the left lists navigation options: "BSG Home", "Awareness", "Know-How", "Community", "Engagement", "Partnering", and "Useful Resources". The main content area contains three sections of multiple-choice questions:

- 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

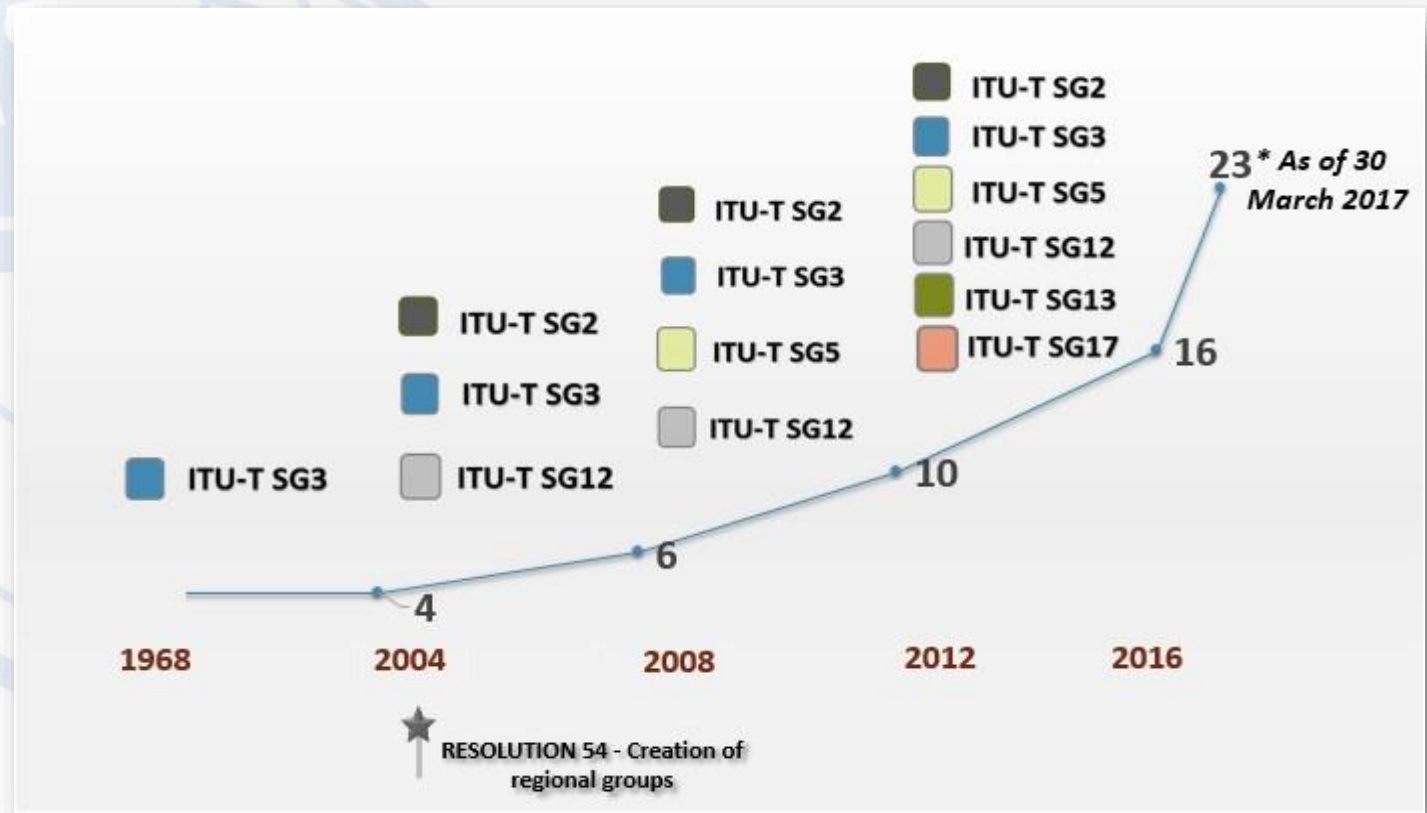


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- TSB maintains a searchable record of all outgoing liaison statements and incoming liaison statements in:**
 - The work programme database
 - The liaison statement database
 - Recommendation ITU-T A.1
 - Resolution 2
- Most of the technical coordination 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

Strategic Pillar : Community

Regional groups



Strategic Pillar : Community

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 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 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.

In 2018, a new set of guidelines were developed further to a call by ITU membership to provide more flexible guidelines for NSS that can be easily tailored to the specific needs of developing countries.

Tai~~l~~ored



Towards
the Establishment of a National
Standardization Secretariat for ITU-T :
Options and Guidelines

Strategic Pillar : Community

NSS

- **NSS Benefits:**
 - (1) Increased effectiveness through coordinated participation; (2) Avoidance of conflicting positions ;
 - (3) Improved awareness of information exchange;
 - (4) Better dissemination of information;
 - (5) Increased efficiency of resources;
 - (6) Implementation of more ITU-T Recommendations
- **NSS Functions:** dependent on the country's requirements for the support of standardization activities (i.e. number of telecommunication standardization organizations and level of participation in ITU-T Study Groups)
- NSS efforts should bring together the best contributors and stakeholders from a wide range of national interests

Strategic Pillar : Community

NSS



Strategic Pillar : Community

NSS Roadmap

NSS Roadmap: Gearing up to Bridge the Standardization Gap (BSG)



RESPONSIBLE AGENCY

Determine if there is enabling legislation assigning responsibility for ITU and ITU-T to a specific government organization.

If that is the case, assign the role of Responsible Agency (RA) to that organization for NSS; otherwise assign the RA role to another suitable organization.



HUMAN RESOURCES

Identify suitable human resources to effectively engage with ITU. Coordinate with other organisations, both public and private to solicit nominations for experts to support the NSS.



FINANCIAL RESOURCES

Allocate sufficient financial resources to the Responsible Agency for the establishment of an NSS. Seek private sector support if required.



BUREAU OR SUPPORT

Establish an NSS Bureau with the relevant personnel or appoint staff to generally coordinate and support NSS efforts.



COMMITTEES

Establish committee(s) and group(s) to form part of the NSS, such as the NSC-T, National SGs and hoc groups. Develop and agree on Rules of procedure. Appoint leadership.



BEGIN OPERATIONS AND START STANDARDIZING!

Inform the ITU of the appropriate contact names for engagement between the Member State and the ITU. Start making and influencing standards!

Strategic Pillar : Community

Regional communities in cooperation with Regional Organizations

- Ensure coordination and dissemination of information on BSG activities of the ITU and advancements in the work of ITU-T Study Groups.
- Coordination with a view to organizing events, seminars, forums, and information sessions at a regional level focusing on disseminating information and capacity-building; the objective being to strengthen technical expertise, and increase the participation of developing countries in the establishment and widespread use of telecommunication standards.



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*

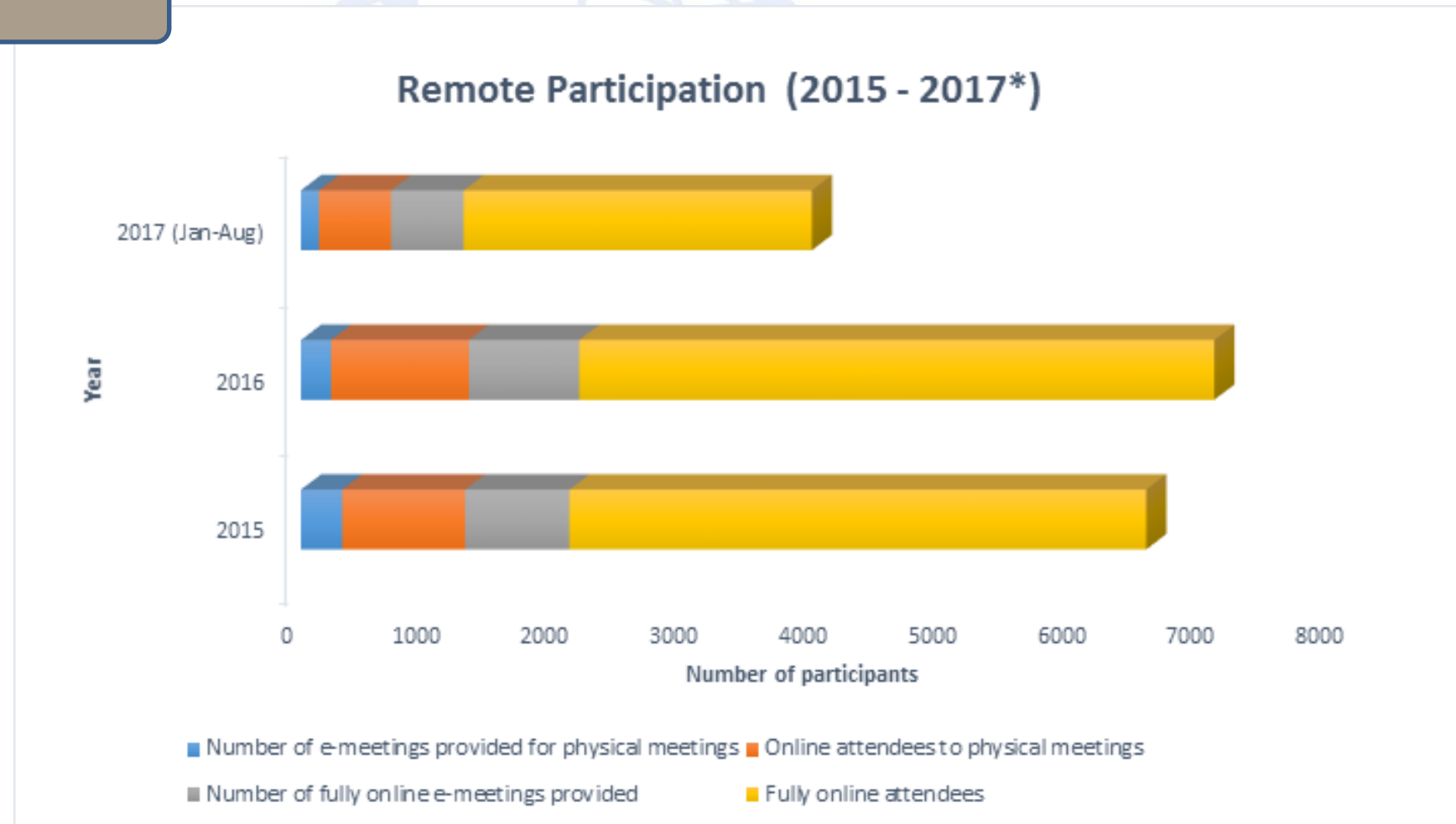
ITU-T Study Group 16: Mr Hideki Yamamoto (OKI Electronics)

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

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

Strategic Pillar : Engagement

Remote participation



Strategic Pillar : Awareness

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

Special focus for the new 2017-2020 Study Period:

- Establishing key synergies with Study Groups
- Raising awareness among decision makers (PMs, Ministers, Chairs etc..)
- Ensuring good media coverage for the forum

[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

[ITU Regional Standardization Forum – African Region](#)

Kigali, Rwanda, 5 February 2018

[ITU Regional Standardization Forum – Asia and Pacific Region](#)

Xi'an, China, 27 August 2018



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