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| PLENARY MEETING | | **Document WTDC-17/31-E** |
|  | | **8 September 2017** |
|  | | **Original: English** |
| Brazil (Federative Republic of) | | |
| Proposals ON the RATIONALE for study group restructurING AND modifications TO RESOLUTION 2 | | |
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| **Priority area:** - Resolutions and recommendations  **Summary:**  Brazil wants to recognize the excellent work carried out by ITU-D study questions in the current study period, which is reflected in the Reports of each question. However, Brazil recognizes also the necessity of rethinking the Questions´ scope in view of the Sustainable Development Goals (SDGs), which will be the main topics of discussion in the next World Telecommunication Development Conference (WTDC-17). Therefore, Brazil proposes a rationale for the structure of the study groups to be reflected in Resolution 2, and also proposes the updates directly to Resolution 2 text at the end of this contribution.  **Expected results:**  Brazil invites all the delegations of WTDC-17 to consider this document for the discussion of the revision of Resolution 2, both in its rationale and the actual proposal for modification of the referred Resolution.  **References:**  WTDC Resolution 2 - Establishment of Study Groups | | |

**PROPOSED RATIONALE AND REVSIONS FOR RESOLUTION 2**

**Introduction**

Firstly, Brazil wants to recognize the excellent work carried out by ITU-D study questions in the current study period, which is reflected in the Reports of each question. However, Brazil recognizes also the necessity of rethinking the questions´ scope in view of the Sustainable Development Goals (SDGs), which will be the main topics of discussion in the next World Telecommunication Development Conference (WTDC-17).

Brazil also believes that some changes should be carried out within ITU-D Study Groups with a focus on improving efficiency/effectiveness, and with the view of optimizing human and financial resources, improving accountability mechanisms for the activities of the Bureau and aligning the scope of questions with the SDGs. In this perspective, some proposals are made in this contribution.

1. **Principles for the definition of the Study Groups Structure**

To optimize the work and to strengthen complementary efforts between closely related Questions, Regional Initiatives and all other BDT activities, it is suggested that the revision of the study group´s structure and also their questions take into account the discussion on:

* ITU-D Objectives and its respective Outputs on the Strategic/Action Plans;
* Regional Initiatives;
* Sustainable Development Goals (SDGs) and their relationship with the ITU-D Objectives; and
* Other formal BDT Activities related to specific Outputs.

The rationale is to group the current questions (merger and/or suppression, and revision) taking the elements above into consideration. As an example, ITU-D Objectives/Outputs can be formally linked to Study Groups´ topics of study, which in consequence would create a reference for the questions that would be necessary for the achievement of the referred objectives.

We think that the ITU-D Objectives and their Outputs are a good baseline for revising the questions because of their relationship with other elements: SDGs, Regional Initiatives and other BDT activities. Therefore, the goal of the proposal is to align the work of the study groups with the overall ITU-D Objectives/Outputs.

1. **Rationale for the Questions and their allocation in the Study Groups**

Brazil proposes as well that the rationale for question allocation in each Study Group, not only for the current Study Questions but also the future ones, be the usage of ITU-D Objectives/Outputs as the baseline.

Moreover, Brazil proposes that the creation of new Study Questions consider the current number of questions for each study group as a limit, meaning that for each new Question being created it would be recommended examine mergers or suppressions of existing questions, maintaining the current overall number of questions. The objective of this approach is to avoid additional costs related to the creation of a multiplicity of new questions. With that in mind, it is recommended that the creation of new Questions be considered carefully and bearing in mind the possible overlaps with existent Study Questions and also that these questions be allocated to study groups according to ITU-D Objectives.

It is also recommended that Questions with significant overlap with ITU-R or ITU-T activities be considered to be suppressed, for instance Q.9/2. Regarding that, we understand that the interaction between ITU Sectors by means of Liaison Statements, joint Rapporteur Group meetings, and discussions carried out jointly between BDT and its counterparts in other Sectors are sufficient for coordinating matters that are of common interest to more than one ITU Sector.

In addition, it would be important to highlight Questions that received duplicate contributions (same contribution addressed to more than one question) or that have a lot of commonalities. We suggest that those Questions be merged to result in a new Question with a broader scope covering both aspects discussed previously. Examples of that could be Q.1/2 and Q.2/2 which are related to e-applications; Q.6/2 and Q.8/2 that discuss environmental related issues.

In summary, it is proposed the following:

1- Use of ITU-D Objectives as baseline for the discussion of the Structure within ITU-D Study Groups and for Question allocation;

2- Use the current number of question as a limit for the number of questions of each Study Questions;

3- Merge Questions with commonalities under a new Question with a broader scope;

4- Allocate the existent and new Questions in Study Groups bearing in mind the ITU-D Objectives referred in item 1 above.

1. **Proposed changes for Resolution 2**

Brazil suggests that the structure proposed in the following table, which reflects the propositions 1 through 4 above, be used as a basis for the work on the revision of ITU-D Resolution 2. For that, this contribution uses as a basis the CITEL IAPs 17 and 18 on the strategic and action plans. In summary, the following ITU-D Study Groups structure is proposed to be reflected accordingly in ITU-D Resolution 2:

* ITU-D Study Group 1:
  + Proposed title: Policy and Regulations;
  + Proposed Working Parties:
    - WP1/1: Enabling Environment (related with ITU-D Objective D.3, Outputs D.3-1, D.3-5);
    - WP2/1: Building the Digital Economy with Inclusiveness (related with ITU-D Objective D.4, Outputs D.4-2, D.4-3 and D.4-4);
* ITU-D Study Group 2:
  + Proposed Title: ICTs for SDGs;
  + Proposed Working Parties:
    - WP1/2: ICT infrastructure and services for the achievement of the SDGs (related with ITU-D Objective D.2, Output D.2-1);
    - WP2/2: Confidence and security of telecommunication/ICTs, and disaster preparedness, mitigation and response (related with ITU-D Objective D.2, Outputs D.2-1, D.2-2 and D.2-3).

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| **ITU-D Objectives (as CITEL IAPs 17 and 18)** | | | |
| D.1 Coordination: Foster international cooperation and agreement on telecommunication/ICT development issues | D.2 Modern and Secure telecommunications/ICTs Infrastructure: Foster the development of infrastructure and services, including building confidence and security in the use of telecommunications/ICTs | D.3 Enabling Environment: Foster an enabling policy and regulatory environment conducive to sustainable telecommunication/ICT development | D.4 Inclusive Digital Society: Foster the development and use of telecommunications/ICTs and applications to empower people and societies for sustainable development |
| **ITU-D Outputs (as CITEL IAPs 17 and 18)** | | | |
| D.1-1: World Telecommunication Development Conference (WTDC) and WTDC Final Report  D.1-2: Regional Preparatory Meetings (RPMs) and Final Reports of the RPMs  D.1-3: Telecommunication Development Advisory Group (TDAG) and reports of the TDAG for the BDT Director and for WTDC  D.1-4: Study Groups and guidelines, recommendations and reports of Study Groups  D.1-5: Platforms regional and global coordination, including Regional Development Forums (RDFs)  D.1-6: Implemented telecommunication/ICT development projects and services related to regional initiatives | D.2-1: Products and services, on telecommunication/ICT infrastructure and services, wireless and fixed broadband, connecting rural and remote areas, bridging the digital standardization gap, and conformance and interoperability. ,including assessment studies, publications, workshops, guidelines, and best practices,  D.2-2: Products and services in building confidence and security in the use of telecommunication/ICTs, including among others support to reports and publications, contribute to implementation of national and global initiatives.  D.2-3: Products and services on disaster risk reduction and emergency telecommunications, including assistance to enable member states to address all phases of disaster, such as early warning, response, relief and restoration of telecommunication networks. | D.3-1 Products and services on telecommunication/ICT policy and regulation, as appropriate, including among others assessment studies, publications, platform for exchange information, policies to promote innovation, as well as frequency planning and assignment, spectrum management and radio monitoring.  D.3-2 Products and services on information and knowledge of telecommunication/ICT trends and developments based on high-quality, internationally comparable telecommunication/ICT statistics and data analysis, including among others research reports, collection, harmonization and dissemination of statistical data, and forums of discussion.  D.3-3 Products and services on human and institutional capacity building, including among others on line platforms, distance and face-to-face training programmes to enhance practical skills, shared material, taking into account partnerships with telecommunication/ICT education stakeholders.  D.3-4 Products and services on strategies to promote telecommunication/ICT innovation, including among others information and assistance, upon requested, on developing a national innovation agenda, mechanisms for partnerships (e.g. project funding, memorandum of understanding or new instruments), development of projects, and conduction of studies.  D.3-5 Products and services on the transition to digital broadcasting and in post-transition activities, and the effectiveness of implementation of prepared guidelines. | D.4-1 Products and services on concentrated assistance to LDCs, SIDS, LLDCs and countries with economies in transition, including among others the availability and affordability of transport to international submarine fibre optics network connection points, forums of discussion, guidelines, and best practices.  D.4-2 Products and services on telecommunication/ICT applications and new technologies, including among others information and support for their deployment, assessment studies, and toolkits.  D.4-3 Products and services on digital inclusion for people with specific needs and vulnerable groups, such as elderly, youth, women, girls, children and indigenous people, including among others empowerment strategies, raising awareness, developing digital skills, forums of discussion and guidelines.  D.4-4 Products and services on ICT climate-change adaptation and mitigation, including among others promotion of strategies and dissemination of best practices on mapping vulnerable areas, development of information systems, adopting metrics, and e-waste policy. |
| **ITU-D Study Groups** | | | |
| **-** | **ITU-D SG2**  **Proposed title: ICTs for SDGs** | **ITU-D SG1**  **Proposed title: Policy and Regulations** | **ITU-D SG1**  **Proposed title: Policy and Regulations** |
| **Revised ITU-D Study Questions (including their general scope) and Working Parties** | | | |
| Q.9/2 (suppression) | **WP 1/2: ICT infrastructure and services for the achievement of the SDGs**  Q.2/1: Broadband access technologies, including IMT and IoT[[1]](#footnote-1), for developing countries  Q.5/1: Telecommunication/ICTs for rural and remote areas  Other Questions related to infrastructure and services that might be created  ---------  **WP 2/2: Confidence and security of telecommunication/ICTs, and disaster preparedness, mitigation and response**  Q.3/2: Securing information and communication networks: Best practices for developing a culture of cybersecurity  Q.4/2: Assistance to developing countries for implementing conformance and interoperability programmes  Q.5/2: Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response  Q.7/2: Strategies and policies concerning human exposure to electromagnetic fields  Other Questions related to security and emergency communications that might be created | **WP 1/1: Enabling Environment**  Q.1/1: Policy, regulatory and technical aspects of the migration to broadband networks[[2]](#footnote-2) Q.4/1: Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks, including next-generation networks Q.6/1: Consumer information, protection and rights: Laws, regulation, economic bases, consumer networks  Q.8/1: Examination of strategies and methods for the adoption of digital broadcasting technologies and the implementation of new services and applications[[3]](#footnote-3)  Res.9 (as per CITEL proposal IAP19 this resolution will not be treated as a question, Brazil aligns itself with that proposal)  Other Questions related to Policy and Regulations that might be created | **WP 2/1: Building the Digital Economy with Inclusiveness**  Q.A/1 (merger of Q.1/2 and Q.2/2): Creating the smart society: Social and economic development through ICT applications, including m-services and e-health[[4]](#footnote-4) Q.3/1: Access to cloud computing and OTTs: challenges and opportunities for developing countries[[5]](#footnote-5)  Q.7/1: Access to telecommunication/ICT services by persons with disabilities and with specific needs  Q.B/1 (merger of Q.6/2 and Q.8/2): ICT and climate change, including e-waste management  Other Questions related to the Digital Economy with Inclusiveness that might be created |

See below the proposed changes for Resolution 2 based on the proposals indicated above in the table.

**MOD** B/31/1

RESOLUTION 2 (REV. bUENOS AIRES, 2017)

Establishment of study groups

The World Telecommunication Development Conference (Buenos Aires, 2017),

considering

*a)* that the mandate for each study group needs to be clearly defined, in order to avoid duplication between study groups and other groups of the ITU Telecommunication Development Sector (ITU‑D) established pursuant to No. 209A of the ITU Convention and to ensure the coherence of the overall work programme of the Sector as provided for in Article 16 of the Convention;

*b)* that, for carrying out the studies entrusted to ITU‑D, it is appropriate to set up study groups, as provided for in Article 17 of the Convention, to deal with specific task-oriented telecommunication questions of priority to developing countries, taking into consideration the ITU strategic plan and goals , and prepare relevant outputs in the form of reports, guidelines and/or Recommendations for the development of telecommunications/information and communication technologies (ICTs);

*c)* the need as far as possible to avoid duplication between studies undertaken by ITU‑D and those carried out by the other two Sectors of the Union;

*d)* the successful results of the studies under the Questions adopted by the World Telecommunication Development Conference (Dubai, 2014) and assigned to the two study groups,

resolves

1 to create within the Sector two study groups, with a clear responsibility and mandates as set out in Annex 1 to this resolution;

2 that each study group and their relevant groups will study the Questions adopted by this conference and assigned to it as shown in Annex 2 to this resolution, and those adopted between two world telecommunication development conferences in accordance with the provisions of Resolution 1 (Rev. Buenos Aires, 2017) of this conference;

3 that the study group Questions, Regional Initiatives and BDT programmes should be directly linked in order to enhance awareness and use of the BDT programmes and the study group output documents, so that the study groups and the BDT programmes benefit from each other's activities, resources and expertise, and jointly contribute to the achievement of ITU-D Objectives;

4 that the study groups should make use of the relevant outputs of the other two Sectors and the General Secretariat;

5 that the study groups may also consider other ITU materials relevant to their mandates, as appropriate;

6 that each Question will consider all aspects related to the topic, objectives and expected output in line with the related programme;

7 that the study groups will be managed by the chairmen and vice-chairmen as shown in Annex 3 to this resolution.

Annex 1 to Resolution 2 (Rev. Dubai, 2014)

Scope of ITU‑D study groups

# 1 Study Group 1

**Policy and Regulations**

– National telecommunication/ICT policy, regulatory, technical and strategy development which best enables countries to benefit from the impetus of telecommunications/ICTs, including broadband, and consumer protection, as an engine for sustainable growth

– Economic policies and methods of determining costs of services related to national telecommunications/ICTs

– Services and applications supported by telecommunications/ICTs, including Cloud Computing, m-services and Over-the-Top (OTT) applications

– Access to telecommunication/ICT services by persons with disabilities and specific needs

– The needs of developing countries in spectrum management, including the ongoingadoption of digital broadcasting technologies and implementation of new services and applications, especially related to the use of the digital dividend, in addition to any future digital switchover

– The use of Telecommunication/ICT for the mitigation of the impact of climate change on developing countries, including e-waste management.

# 2 Study Group 2

**ICTs for SDGs**

– Access to telecommunication/ICT infrastructure and services, including wireless and fixed broadband, and broadcasting, as well as bridging the digital standardization gap, and conformance and interoperability

– Access to telecommunications/ICTs for rural and remote areas

– Building confidence and security in the use of ICTs

– Disaster risk reduction and emergency telecommunications, including addressing all phases of disaster, such as early warning, response, relief and restoration of telecommunication networks

– Human exposure to electromagnetic fields and safe disposal of electronic waste.

Annex 2 to Resolution 2 (Rev.Dubai, 2014)

Questions assigned by the World Telecommunication   
Development Conference to ITU‑D study groups

# Study Group 1

**Working Party 1/1: Enabling Environment**

– **Question 1/1:** Policy, regulatory and technical aspects of the migration to broadband networks

– **Question 4/1:** Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks, including next-generation networks

– **Question 6/1:** Consumer information, protection and rights: Laws, regulation, economic bases, consumer networks

– **Question 8/1:** Examination of strategies and methods forthe adoption of digital broadcasting technologies and implementation of new services and applications

**WP 2/1: Building the Digital Economy with Inclusiveness**

– **Question A/1 (merger of Q.1/2 and Q.2/2):** Creating the smart society: Social and economic development through ICT applications, including m-services and e-health

– **Question 3/1:** Access to cloud computing and OTTs: challenges and opportunities for developing countries

– **Question 7/1:** Access to telecommunication/ICT services by persons with disabilities and with specific needs

– **Question B/1 (merger of Q.6/2 and Q.8/2):** ICT and climate change, including e-waste management

# Study Group 2

Working Party 1/2: ICT infrastructure and services for the achievement of the SDGs

– **Question 2/1:** Broadband access technologies, including IMT and IoT, for developing countries

– **Question 5/1:** Telecommunication/ICTs for rural and remote areas

**Working Party 2/2: Confidence and security of telecommunication/ICTs, and disaster preparedness, mitigation and response**

– **Question 3/2:** Securing information and communication networks: Best practices for developing a culture of cybersecurity

– **Question 4/2:** Assistance to developing countries for implementing conformance and interoperability programmes

– **Question 5/2:** Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response

– **Question 7/2:** Strategies and policies concerning human exposure to electromagnetic fields

NOTE – The full definition of the Questions can be found in section 5 of the Dubai Action Plan.

Annex 3 to Resolution 2 (Rev. Dubai, 2014)

List of chairmen and vice-chairmen

# Study Group 1

**Chairman**: Ms Roxanne McElvane (United States of America)

**Vice-chairmen**:

Ms Regina Fleur Assoumou-Bessou (Republic of Côte d’Ivoire)

Mr Peter Ngwan Mbengie (Republic of Cameroon)

Mr Victor Martinez (Republic of Paraguay)

Ms Claymir Carozza Rodriguez (Bolivarian Republic of Venezuela)

Mr Wesam Al-Ramadeen (Hashemite Kingdom of Jordan)

Mr Ahmed Abdel Aziz Gad (Arab Republic of Egypt)

Mr Nguyen Quy Quyen (Socialist Republic of Viet Nam)

Mr Yasuhiko Kawasumi (Japan)

Mr Vadym Kaptur (Ukraine)

Mr Almaz Tilenbaev (Kyrgyz Republic)

Ms Blanca González (Spain)

# Study Group 2

**Chairman**: Mr Ahmad Reza Sharafat (Islamic Republic of Iran)

**Vice-chairmen**:

Ms Aminata Kaba-Camara (Republic of Guinea)

Mr Christopher Kemei (Republic of Kenya)

Ms Celina Delgado (Nicaragua)

Mr Nasser Al Marzouqi (United Arab Emirates)

Mr Nadir Ahmed Gaylani (Republic of the Sudan)

Ms Ke Wang (People’s Republic of China)

Mr Ananda Raj Khanal (Federal Democratic Republic of Nepal)

Mr Evgeny Bondarenko (Russian Federation)

Mr Henadz Asipovich (Republic of Belarus)

Mr Petko Kantchev (Republic of Bulgaria)

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1. Includes IoT among the technologies to be studied. [↑](#footnote-ref-1)
2. Excludes IPv6 deployment due to reduced interest from members and transfers m-services and OTTs to Q.A/1 and Q.3/1, respectively, to adapt question scope to a more reasonable number of topics of study. [↑](#footnote-ref-2)
3. Question with broader scope, not restricting to analogue to digital television broadcasting. [↑](#footnote-ref-3)
4. Included all types of e-applications. [↑](#footnote-ref-4)
5. Question with a broader scope, including m-services and OTTs transferred from Q.1/1. [↑](#footnote-ref-5)