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| **Abstract:** | This document summarizes contribution of the ITU Regional Offices to the implementation of the ITU-T four-year rolling operational plan as requested by the Resolution 25 (Rev. Dubai 2018) of the ITU Plenipotentiary Conference. |

**0 ITU Regional Presence**

ITU has offices in the six BDT regions:

* Africa
* [Americas](https://www.itu.int/en/ITU-D/Regional-Presence/Americas/Pages/default.aspx)
* [Arab states](https://www.itu.int/en/ITU-D/Regional-Presence/ArabStates/Pages/default.aspx)
* [Asia and the Pacific](https://www.itu.int/en/ITU-D/Regional-Presence/asiapacific/Pages/default.aspx)
* [Commonwealth of Independent States](https://www.itu.int/en/ITU-D/Regional-Presence/CIS/Pages/default.aspx)
* [Europe](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/default.aspx)

[ITU Regional presence](https://www.itu.int/en/ITU-D/Pages/Regional-Presence.aspx) counts as of today an overall of thirteen field offices, which include five regional offices in Addis Ababa (Africa), Bangkok (Asia and the Pacific), Brasilia (Americas), Cairo (Arab States), Moscow (CIS countries), and the ITU office for Europe at ITU headquarters, as well as eight area offices, located in Africa, Americas and Asia and the Pacific.

The revised Resolution 25 on strengthening the regional presence, mentioned in section 1 below, has enhanced the need for a stronger regional presence. Regional and area offices play a key role in facilitating discussions on regional matters and in the dissemination of information and results of activities of all three Sectors of the Union and the General Secretariat, while avoiding the duplication of such functions with headquarters, and collaborating with the regional telecommunication organizations to avoid duplication of activities and efforts.

1 Introduction –PP Resolution 25 (Rev. Dubai, 2018)

ITU Plenipotentiary Resolution 25 (Rev. Dubai, 2018) “Strengthening the regional presence” introduces new reporting mandates for the Regional and Area offices to the advisory groups of each Sectors:

“resolves

4          that the regional and area offices should contribute, to the extent practicable, *inter* *alia*, to the annual four-year rolling operational plans of the General Secretariat and of the three Sectors, with content specific to each regional and area office, linked to the strategic plan for the Union for 2020‑2023 and the Buenos Aires Action Plan, then set up and continue to publish the annual plan/events on the ITU website for implementation;”

(…)

“further resolves

2        that regional offices shall regularly provide reports to the Sector advisory groups, as appropriate, and to inform the Directors of BR and TSB on regional activities related to their respective Sectors”.

2 TSB mechanisms of coordination with the Regions

At the initiative of the TSB Director, conference calls and face-to-face meetings were organized on a regular basis between the regional and areas offices and the TSB senior management, covering each time overviews, updates, and briefings of activities organized by each TSB department in the various regions.

These coordination activities, as well as the establishment of a TSB Focal Point for the Regions, were conducted keeping in mind the goal of improving coordination and increasing the efficiency of the overall operations, events and activities in the Standardization Sector in each of the Regions.

The use of this coordination mechanism is a tool that has led to a significant improvement in the overall coordination with regional and areas offices in terms of events and activities, as well as enhancing the knowledge of the ITU-T standardization activities in each region.

Another activity conducted by the TSB is the cooperation with national and regional standardization organizations. ITU-T standardization activities have become more and more visible to national and regional standards organizations, thanks to the implementation of ITU-T Objective T.5 of the Strategic Plan of the Union, “Extend and facilitate cooperation with international, regional and national standardization bodies”.

ITU-T/TSB has carried out the implementation of the Objective T.5 and its Outcomes by reaching out and sharing information with the national and regional standards organizations, inviting them to participate to workshops, events and activities, as well as engaging with them, on a bilateral (for national bodies) as well as multilateral (for regional entities), whenever possible.

Invitations to ITU workshops and follow-up activities were sent out by TSB with the aim of sharing the current ongoing work of ITU-T Study Groups, facilitating the exchange of information on the current work of the Sector, with experts and stakeholders of other national and regional standards organizations.

Regional Standards Organizations have welcomed the contribution from ITU-T/TSB on a regular basis. Organizations like ARSO (for Africa), COPANT (for the Americas), PASC (for Asia and the Pacific) and SARSO (for Southern Asia), CEN and CENELEC (for Europe) welcomed contributions from ITU-T/TSB to their respective annual events.

**3 Informal sessions on Regional Initiatives**

ITU staff were invited to a series of informal sessions to present the [*ITU Regional Initiatives*](https://itu.int/en/ITU-D/Pages/ituRI.aspx)*.* The sessions were held 3 - 5 April 2019, on the side-lines of the Telecommunication Development Advisory Group (TDAG) meeting. TSB participated to all of these informal sessions.

The complete debriefing on the Regional Initiatives information session can be found in document [TDAG-19/DT/11-E](https://www.itu.int/md/D18-TDAG24-190403-TD-0011/en).

A short overview of the activities run by the Regional Offices is presented below for each Region.

A complete overview of the Regional Initiatives 2018-2021 can be found [here](https://www.itu.int/en/ITU-D/Pages/ituRI.aspx).

#### Africa

4 Contribution and coordination of Regional Offices in ITU-T events - Africa

4.1 Africa – Regional Office for Africa

The Regional Office for Africa is based in Addis Ababa and is led by Mr Andrew Rugege.

**4.2 ITU-T events or joint events held in the Africa Region**

During the February – December 2019 timeframe, the Regional Office for Africa participated and contributed to the organization of the following regional events organized by ITU-T/TSB:

The regional office supported and attended the TSBSG12AFRI activities held in Kigali Rwanda,
4-8 March and the TSBSG13 events held in Victoria Falls 4-14 March 2019.

The Regional Office for Africa (ROA) participated in and contributed to Africa Telecommunication Union (ATU) WTSA-20 Preparatory Meeting which took place in Rabat, Morocco, 4-7 March 2019. The African Preparatory Meeting (APM) continued the work of attaining the African Common Proposals for WTSA-20. The Regional Office worked on ensuring good participation from the African Administrations.

ROA also collaborated with TSB in organising the Focus Group Meeting on Artificial Intelligence for Health (AI4H), in Zanzibar, 2-5 September 2019. The Focus Group collaborates with WHO to establish a standardized assessment framework for the evaluation of AI-based methods for health, diagnosis, triage or treatment decisions

On 2-6 September and 4-8 November 2019, the Regional Office for Africa worked together with TSB in providing Conformity and interoperability training in SAR (Specific Absorption Rate), RF (Radio Frequency), EMF (Electromagnetic Fields) and DTT (Digital Terrestrial Television) to English-speaking and French-speaking countries respectively. TSB provided a partial fellowship in DSA for eligible participants while BDT paid for training and interpretation including interpretation equipment.

On 5-6 September 2019, ITU co-organised the 14th Global Forum on Human Settlements with Global Forum on Human Settlements (GFHS), United Nations Economic Commission for Africa (UNECA), World Urban Campaign (WUC), with ITU focusing on smart cities, with GFHS, Addis Ababa, The ROA represented ITU in the organisation and participated actively.

**4.3 Other activities of the ITU Regional Office for Africa related to ITU-T**

TSB and the ROA organized the SG20 Regional Group for Africa (SG20RG-AFR), the SG5 Regional Group for Africa (SG5RG-AFR), and the [TSB Workshops on the first Digital African Week](https://www.itu.int/en/ITU-T/Workshops-and-Seminars) in Abuja, Nigeria, from 27 to 30 August 2019. The Regional Office participated mainly in facilitating attendance of Member States.

The Area Office for Central Africa organized trainings on numbering plans in 2 countries, Burundi, 11-12 November and in DRC, 5 December 2019, with contributions from TSB.

**4.4 Specific collaboration - Regional Office for Africa and TSB**

The ROA, in partnership with TSB, mobilized African Countries to attend the [Interregional Standardization Forum on "Operational issues on numbering, emergency service and OTTs"](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/201910/Pages/default.aspx) and related events in Dubai, UAE, from 20 to 24 October 2019.

TSB assisted the Regional Office in identifying the best experts when need arose, in order to provide technical assistance to member states in areas of TSB competence

#### Americas

5 Contribution and coordination of Regional Offices in ITU-T events - Americas

5.1 Americas – Regional Office for the Americas

The Regional Office for the Americas is based in Brasilia and is led by Mr Bruno Ramos.

* 1. **ITU-T events or joint events held in the Americas Region**

During the February – December 2019 timeframe, the Regional Office for the Americas participated and contributed to the organization of the following regional events organized by ITU-T/TSB:
in October 2019, the TSB and BDT would be collaborating to host the AI event in Bahamas 28-30 October in Freeport, Bahamas.

* 1. **Other activities of the ITU Regional Office for the Americas related to ITU-T**

1 The TSB Director’s participation at the Latin American Telecommunications Congress (Cordoba, Argentina, July 1 to 5 2019) was coordinated, allowing his participation delivering the Opening Remarks at the Welcome Plenary Session, as well as presenting a Keynote Speech entitled “5G as a social infrastructure” at the Plenary.

2 In this framework, the participation of the Director was also facilitated by AMS-RO in the following events:

- bilateral meeting with the Secretary of Telecommunications of Argentina, Mr Hector Huici; OECD working lunch;

- bilateral meeting with Telefonica representatives, bilateral meeting with representatives of the Development Bank of Latin America;

- meeting with academia representatives at Cordoba University, including a presentation entitled “ITU: IoT-5G-AI” ;

- bilateral meeting with the Secretary of Telecommunications of Cordoba;

- a presentation entitled “Internet of Things and Safety” at the Workshop organized by GSMA “Capacity Building: a focus on IoT and security”,

- participation and presentation on bridging the standardization gap at the 152 General Assembly  of COMTELCA. Additional information on the Congress can be found at <https://www.clt.lat/2019/eng/>.

3 Participation of ITU Counsellor in Session 3: ICT Accessibility and the role of Artificial Intelligence as a tool to improve the quality of life of persons with disabilities, during the Accessible Americas: ICTs for All event. The event was carried out in Ecuador, from 20 to 22 November 2019.

4 Participation in CITEL Meetings such as CCPI.

5 Support to countries in the preparation of WTSA-20 in CITEL and COMTELCA.

6 Joint implementation of the FIGI Project, mainly for national implementation in Mexico.

**5.4 Specific collaboration - Regional Office for the Americas and TSB**

N/a

**5.5 Considerations by the Regional Office for the Americas for the effective implementation of PP-18 Resolution 25**

Coordination can be further improves between AMS-RO and TSB to allow ITU to better carry out the activities that are related to both BDT and TSB in the region. Field staff are available to assist and help TSB in all activities they wish to implement in the Americas region.

#### Arab States

#### 6 Contribution and coordination of Regional Offices in ITU-T events – Arab States

6.1 Arab States – Regional Office for the Arab States

The Regional Office for the Arab States is based in Cairo and is led by Mr Ebrahim Alhaddad.

**6.2 ITU-T events or joint events held in the Arab States**

During the February – December 2019 timeframe, the Regional Office for the Arab States participated and contributed to the organization of the following regional events organized by ITU-T/TSB:

The ARO collaborated with TSB for the organization of the Regional Forum on Emerging Technologies, Tunis (Tunisia), 23-24 April 2019.

TSB arranged for the contributions of the following two speakers:

* Dr Rim Belhassine, Vice-Chairman, TSAG and ITU-T SG13, « ITU-T activities on 5G Standardization »
* Mr Vishnu Ram OV, ITU-T SG13 Focus group on “Machine Learning for Future Networks”

There were no additional activities organized by the Regional Office in conjunction with TSB.

#### Asia and the Pacific

7 Contribution and coordination of Regional Offices in ITU-T events – Asia and the Pacific

7.1 Asia and the Pacific – Regional Office for the Asia and the Pacific

The Regional Office for the Asia and the Pacific is based in Bangkok and is led by Mr Sameer Sharma (Regional Director a.i.).

7.2 ITU-T events or joint events held in the Asia and the Pacific Region

During the February - December 2019 timeframe, the Regional Office for the Asia and the Pacific participated and contributed to the organization of the following regional events organized by ITU-T/TSB:

Area Office, Jakarta helped with the ITU-T Study Group 12 event on QoS in Singapore,
19-21 August 2019.

7.3 Other activities of the ITU Regional Office for the Asia and the Pacific related
to ITU-T

1. Trainings (face to face and online) and workshops on issues such as Smart Sustainable Cities, IOT, Conformity and Interoperability, and others:
	1. Smart Sustainable Cities, ICT Applications and e-Government Workshop: Incorporating Data, Network and AI Technologies Towards more Efficient Cities, 15-18 July 2019: Face to face training in collaboration with COE in NIA, Jeju (Korea, Rep. of) in June 2019;
	2. The work of ITU-T SG20 was promoted during relevant sessions of the CoE trainings;
	3. ITU- T SG 17 work on security standards were promoted in several country missions and regional trainings;
	4. ITU-NBTC Training on "Building Distributed Ledger Technologies Project"
	(5-8 November 2019) shared the outcomes of ITU-T Focus Group on Applications of DLT;
	5. Training on Spectrum Management and IMT-2020 Radio Technology Application held in Harbin (China) from 17-21 June 2019.

7.4 Specific collaboration - Regional Office for the Asia and the Pacific and TSB

a) Advice on numbering was requested by Tonga, which was provided with support from TSB;

b) FIGI country implementation in China and synergy between SIT working group and national implementation was coordinated by TSB and ASP-RO;

c) Cooperation between TSB and ASP-RO in delivering a workshop on e-waste in India in Q4, 2019;

d) Cooperation between TSB and ASP-RO in preparing for training on Artificial Intelligence

7.5 Considerations by the Regional Office for the Asia and the Pacific for the effective implementation of PP-18 Resolution 25

Close collaboration with TSB is carried out in areas where ITU-T products can be deployed for development activities, e.g. Adoption of Common Alerting Protocol (CAP) was recommended during development of National Emergency Telecommunication Plans for countries in Pacific. TSB also supported the ASP-ro by providing content on Emergency Telecom issues especially the work of SG2 in the area.

ASP-RO also promoted areas of work of ITU-T and TSB in various missions and workshops to enhance the engagement of ITU Members in ITU-T activities. In particular, the work of SG5 on EMF issues was highlighted during the CoE event on [Human Exposure to Radio Frequency Electromagnetic Fields](https://academy.itu.int/training-courses/full-catalogue/human-exposure-radio-frequency-electromagnetic-fields). In addition, the summary of relevant -K.series recommendations of ITU-T were introduced to the participants.

#### Commonwealth of Independent States (CIS)

8 Contribution and coordination of Regional Offices in ITU-T events – CIS

8.1 CIS – Regional Office for the CIS

The Regional Office for the Commonwealth of Independent States is based in Moscow and is led by Mr Kirill Oparin.

As per the WTDC-17 decisions, CIS region has five major priorities for the 2018-2021 implementation cycle: e-health, inclusiveness, smart cities, climate change and IMT-2020/IoT.

**8.2 ITU-T events or joint events held in the CIS Region**

During the February – December 2019 timeframe, the Regional Office for the CIS participated and contributed to the organization of the following regional events organized by ITU-T/TSB:

* ITU-UN-Habitat-UNDP Forum on “Smart sustainable cities: technological trends, success stories and future prospects”, 26-27 September 2019, Minsk (Belarus);
* ITU Training on “Key performance indicators for smart sustainable cities to achieve the SDGs”, 26-27 September 2019, Minsk (Belarus);
* Meeting of the ITU-T Study Group 20 Regional Group for Eastern Europe, Central Asia and Transcaucasia, 26-28 September 2019, Minsk (Belarus);
* Forum "Internet of Things: future applications and services. Perspective 2030"/4th Workshop on Network 2030, 21-23 May 2019, St. Petersburg (Russia);
* Meetings of the ITU-T SG3RG-EECAT, ITU-T SG11RG-EECAT, ITU-T SG13RG-EECAT and ITU-T FG NET-2030, 21-23 May 2019, St. Petersburg (Russia).

**8.3 Other activities of the ITU Regional Office for the CIS related to ITU-T**

Experts from TSB and ITU-T Study Groups participated in the following regional events organized by the ITU Regional Office for the CIS:

* ITU Workshop on Intelligent Transport Systems, 16-17 April 2019, Baku (Azerbaijan);
* ITU Workshop for Europe and CIS Regions “Using ICTs to save lives”, 24-26 April 2019, Odessa (Ukraine);
* ITU Workshop for Europe and CIS Regions “ICT Infrastructure as a Basis for Digital Economy", 14-16 May 2019, Kiev (Ukraine);
* ITU Regional Economic Dialogue (RED) for Europe and CIS, 30-31 October 2019, Odessa (Ukraine).

**8.4 Specific collaboration – Regional Office for the CIS and TSB**

The ITU Regional Office for the CIS is closely working with the TSB and U4SSC secretariat to explore potential opportunities for case studies and pilot projects in the region and to contribute to the implementation of the Regional Initiative CIS3 “Development and regulation of infocommunication infrastructure to make cities and human settlements inclusive, safe and resilient”.

**8.5 Considerations by the Regional Office for the CISs for the effective implementation of PP-18 Resolution 25**

As part of its mission, the ITU Regional Office for CIS considers the cooperation with the Telecommunication Standardization Bureau, the Radiocommunication Bureau and the General Secretariat as an indispensable success factor to fully achieve ITU’s goals and objectives.

#### Europe

9 Contribution and coordination of Regional Offices in ITU-T events – Europe

9.1 Europe – The ITU Office for Europe

The ITU Office for Europe is based at the ITU Headquarters in Geneva and is led by Mr Jaroslaw Ponder. As per the WTDC-17 decisions Europe has five major priorities for the 2018-2021 implementation cycle: ICT infrastructure, digitization, digital inclusion, cybersecurity and ICT-centric innovation ecosystems.

**9.2 Joint events held in Europe**

During the February–December 2019 timeframe, the ITU Office for Europe jointly with TSB organized the following events:

* **ITU Workshop on Enhancing Human Life Using e-Services, 25 March 2019, Geneva (Switzerland).**

As a joint BDT and TSB action, this workshop focused on how e-services can enhance our lifestyles, and how it can improve life outcomes in our increasingly digital lives, by addressing technologies including artificial intelligence for areas such as health and agriculture as well as standardization challenges in ICT accessibility and for procurement of accessible ICT services and products. 13 presentations were made by eminent speakers. An [outcome report](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Documents/Events/2019/eservices/Report.pdf) is available on the [event web page](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/eServices/Enhancing-Human-Life-Using-e-Services.aspx). A [discussion paper](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Documents/Events/2019/eservices/ICT%20Accessibility%20standards%20procurement%20FINAL%20-%20WEB%20-%20For%20Comments%20Version%201-1-sc.pdf) on “Standards in the procurement of accessible ICT products and services” was presented, submitted for comments and in final form presented as one of backgrounders for Accessible Europe 2019.

* **Workshop on the Future of Television in Europe, 7 June 2019, Geneva (Switzerland)**

This workshop was jointly organized by the three Sectors of the ITU (Radiocommunication: ITU-R; Standardization: ITU-T; and Development: ITU-D) and focused on the diverse emerging broadband and broadcast technologies, including cable TV. Over 90 participants from 30 countries took part in the workshop including representatives of national regulators from the ITU Europe region, the European Commission, the European Broadcasting Union and European Telecommunications Satellite Organisation. Attendees also benefitted from 20 presentations and an exhibition about the latest video-related technologies. An [outcome report](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/20190607/Documents/Outcome_Report.pdf) is available on the [event webpage](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/20190607/Pages/default.aspx) where interviews of four key speakers can be accessed, and on the ITU Europe Office’s publication page.

The outcomes of the workshop advance implementation of the European Regional Initiative aiming at assisting countries in need of Cable TV related matters, and bridge the requirements and needs of the various countries with the standards community. Outcomes were submitted to the workflow of several ITU study groups including: ITU-T Study Group 9: Broadband Cable and TV; ITU-D Study Group 1: Enabling environment for the development of telecommunications and ICTs; ITU-D Study Group 2: ICT Services and Applications for the Promotion of Sustainable Development; and ITU-R Study Group 6: Broadcasting Service. It is to be noted that discussions held in session 3 of the workshop on making television accessible was followed up in [Accessible Europe 2019](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/AE/AccessibleEurope.aspx).

**9.3 Other activities of the ITU Office for Europe related to ITU-T**

* **ITU Forum on Innovative Digital Solutions for Accessible Europe (Part of the Zero Project Conference), 21 February 2019, Vienna (Austria)**

This ITU forum explored what is needed to build an ecosystem supporting innovative ICT Accessibility solutions. It was designed to act as a combined interactive panel discussion and training session, sharing experiences and providing a deeper understanding of the challenges and opportunities in developing Accessible ICT solutions and the enabling innovation and entrepreneurial environment. The forum benefited from the contribution of the Rapporteur of ITU-T SG16 and drew attention, amongst the other things to the importance of engaging start-ups and SMEs to the process of development of international standards. More information is on the event [page](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/IF/Innovative-Digital-Solutions-for-an-Accessible-Europe-Fostering-Growth-for-Start-ups.aspx).

* **Vienna Cyber Security Week 2019, 11-15 March 2019, Vienna (Austria)**

The third edition of Vienna Cyber Security Week themed "Protecting Critical Infrastructure” was co-organized by ITU with the Energypact Foundation as the lead coordinator. This five day conference brought together national and international stakeholders in critical infrastructure and in cyber security for conducting information exchange, confidence building and enhancing awareness of the risks and state of practice for digital system protection. A special highlight of the Vienna Cybersecurity Week was the TSB-facilitated session on Smart Cities. More information is to be found on the [event page](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/cybervienna.aspx).

* **United National Regional Forum on Sustainable Development for Europe and Central Asia, 21-22 March, Geneva (Switzerland)**

As the UN Agency for ICTs, ITU continues to advocate for the enabling role of ICTs for achieving the SDGs. In this context, a special Focus Event of the Regional Forum focused on [Technology, Digitalization, Artificial Intelligence – Curse or Blessing for Sustainable Development?](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Documents/Events/2019/UNECE%20Forum/Concept%20note_Focus%20Event_Technology%20Digitalization%20Artificial%20Intelligence_RFSD%202019%20-FINAL%20%28003%29.pdf) (Friday, 22 March 2019). This event was organised by the ITU Office for Europe. The outcomes of this event are an integral part of the report submitted to the HLPF highlighting importance of ICT4SDG. Moreover, ITU, including TSB staff, contributed to a series of round tables on SDG4, SDG8, SDG10, SDG13, and SDG16, stressing importance of ICTs for the achievement of the SDGs. The ITU stand was visited by over 450 stakeholders who were provided information on the ITU Regional Initiatives and ITU activities of all three Sectors. More information is available on the [event page](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/ICT4SDG/ITU-Contribution-on-ICT4SDG-at-the-Regional-Forum-on-Sustainable-Development-for-UNECE-Region.aspx).

* **ITU Workshop for Europe and CIS Regions “Using ICTs to save lives”, 24-26 April 2019, Odessa (Ukraine)**

Hosted by А.S. Popov Odessa National Academy of Telecommunications (ONAT), of the Ministry of Education and Science of Ukraine, this joint ITU Europe and CIS region workshop provided a platform to share cross regional experiences and expertise. The following aspects were extensively discussed: Strategic aspects and international cooperation on emergency telecommunications and disaster response; Best practices of using information and communication technologies (ICT) to save lives.

ICT-based solutions used in emergency situations; Technical, legal and organizational aspects of telemedicine; and Using ICT to prevent climate change. The 39 participants from 10 countries had the opportunity to listen to 21 presentations. An outcome report is available on the [event webpage](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/WO/Using-ICT-to-save-lives.aspx) and on ITU Europe Office’s publication page. This workshop benefited from the contribution of the TSB expert.

* **ITU Workshop for Europe and CIS Regions “ICT Infrastructure as a Basis for Digital Economy", 14-16 May 2019, Kiev (Ukraine)**

The workshop was hosted by the State University of Telecommunications of the Ministry of Education and Science of Ukraine. 27 presentations were delivered during the workshop which was attended by 120 participants from 7 countries. The workshop focused on the following issues: ICT infrastructure as a basis for digital transformation; National strategies for 5G implementation; Spectrum requirements and case studies on 5G pilot projects; Application technologies of the near future (Internet of things, machine learning, intelligent transport networks, robotics, blockchain) and Cybersecurity challenges. An [outcome report](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Documents/Events/2019/Workshop%20Kyiv/0719_ITU%20Outcome%20Report%20Ukraine_finalweb.pdf) is available on the [event webpage](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/WK/ICT-Infrastructure-as-a-Basis-for-Digital-Economy.aspx) and on ITU Europe Office’s publication page. The workshop benefited from the contribution of the TSB Director as well as of a TSB expert.

* **ITU Regional Economic Dialogue on ICTs for Europe and CIS (RED-2019), 30-31 November 2019, Odessa (Ukraine)**

RED 2019 was hosted by A.S. Popov Odessa National Academy of Telecommunications (ONAT), of the Ministry of Education and Science of Ukraine. The event focused on the economic implications of future technologies and their applications to attain the Sustainable Development Goals (SDGs), and the advances of regulatory costing and pricing strategies and business models in the digital economy. RED 2019 benefitted from the presence of international experts involved in the work of Question 4/1 of ITU-D Study Group 1 (Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks)  and  of ITU-T Study Group 3 (Tariff and accounting principles), including related telecommunication, economic, and policy issues. More information is available on the [event page.](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/RED/RED-2019.aspx)

* **5G Techritory for Baltic States Region, 27-29 November 2019, Riga (Estonia)**

The 2nd Annual Baltic Sea Region 5G Ecosystem Forum “5G Techritory"organized by the Electronic Communication Office of Latvia in close cooperation with the Office of the Prime Minister of the Republic of Latvia, the Nordic Council of Ministers, 5G Automotive Association (5GAA), and the International Telecommunication Union**.** More information is available on the [event page](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/5G/5G-Ecosystem-Forum.aspx). A special intervention of ITU focused on Smart Cities encouraging stakeholders to engage in ITU’s work on 5G and Smart Cities.

* **Accessible Europe 2019, ITU-EC Regional Forum for Europe, 4-6 December 2019, St. Julian’s (Malta)**

The Regional Forum for Europe on “Accessible Europe: ICTs 4 ALL" focused on further promoting the development of accessibility in countries and institutions, through the collective effort and cooperation of stakeholders and through sharing of successful outcomes of projects and initiatives implemented, in order to exchange resources and solutions and make the European region a more inclusive society. The highlight of this edition of Accessible Europe was the knowledge development component of the Forum that offered participants the possibility to obtain a certificate upon completion of the testing phase. The programme of this forum as well as of the Regional Competition for Europe on Innovative Digital Solutions for Accessible Europe were coordinated with all Sectors of ITU, including TSB, as well as with the Joint Coordination Activity on Accessibility and Human Factors (JCA-AHF). Representatives of TSB and ITU-T Study Groups were part of the programme with particular focus on relay services as well as universal design, procurement and standards. More information is available on the [event page](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/AE/AccessibleEurope.aspx).

* **Knowledge Exchange on “Artificial Intelligence: Fostering Start-ups Ecosystem”, 11 December 2019, Prague (Czech Republic)**

ITU and the Ministry of Industry and Trade of the Czech Republic organized a special knowledge exchange on “Support and Development of Technological Start-Ups”. This event provided an opportunity for onsite and remote stakeholders to learn and discuss a series of case studies presented by successful start-ups focusing on Artificial Intelligence. A special presentation by TSB staff provided the highlights of the work carried out by ITU in the field of Artificial Intelligence and ICT-centric innovation ecosystem building. More information is available on the [event page](https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/AI/Knowledge_Exchange.aspx).

**9.4 Specific collaboration - ITU Office for Europe and TSB**

ITU Office for Europe is closely working with the TSB on several issues, promoting activities carried out by the Sector. The Office facilitates contributions from and engagement of national or regional European organizations in the activities of ITU-T.

**9.5 Considerations by the ITU Office for Europe for the effective implementation of PP-18 Resolution 25**

All activities of the ITU Office for Europe are implemented through a collaborative approach, with the engagement of all three Sectors and the General Secretariat, whenever feasible and/or relevant, in this way ensuring that delivery at the national and regional level follows the One ITU approach.

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