ITU-D Study Groups: Main outputs and Road to WTDC-21

ITU-RDF CIS Region

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Ms. Anastasia Konukhova
Vice-Chair, ITU-D Study Group 1
Russian Federation

Ms. Maria Bolshakova
Vice-Chair, ITU-D Study Group 2
Russian Federation

ITU-D Study Group 1:
Enabling environment for the development of telecommunications/ICTs

- **Question 1/1:** Strategies and policies for the **deployment of broadband** in developing countries

- **Question 2/1:** Strategies, policies, regulations and methods of migration and adoption of **digital broadcasting** and implementation of new services

- **Question 3/1:** Emerging technologies, including **cloud computing, m-services, and OTTs**: Challenges and opportunities, economic and policy impact for developing countries

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

- **Question 5/1:** Telecommunications/ICTs for **rural and remote areas**

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

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

For more information: https://www.itu.int/net4/ITU-D/CDS/sg/questions.asp?lg=1&sp=2018

ITU-D Outputs for all – SG1

Annual deliverables (with interviews of authors and ITU News articles/Blogs)

Papers available in all UN languages

- Trends in new broadcasting technologies, services and applications (Question 2/1)
- Considerations about the cost structure of the digital transition, including new services and applications (Question 2/1)
- Economic impact of OTTs on national telecommunication/ ICT markets (Questions 3/1 & 4/1)
- Broadband development and connectivity solutions for rural and remote areas (Question 5/1)
- [Upcoming] Unsolicited Commercial Communications - an overview of challenges and strategies (Question 6/1)

Documents accessible through the following link. Notify us if you are using/referencing these documents to devSG@itu.int

ITU-D SG Webinars on Reflections on COVID-19

discussions were captured and generated further contributions that will enrich end of cycle ITU-D SG final report – recordings available

SG1 Webinars:

Cloud for COVID-19 Response web dialogue   Digital accessibility during COVID 19 and recovery period
Economic implications of COVID-19 on national telecommunications/ICT infrastructure
Unsolicited Commercial Communications   Broadcasting services for COVID-19 response
The impact of unequal access to ICT infrastructure

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Contribution examples (CIS) – SG1

- **[Remote areas] Expansion of telecommunication service coverage in remote and hard-to-reach communities** (SG1RGQ/176)

  Measures adopted to ensure access to modern communication services including in remote rural areas and expand the territorial coverage of broadband access

- **[Tariffs] Special mobile communications tariffs in the Russian Federation for categories of the population entitled to preferential treatment** (1/318):

  Special mobile communications tariffs for categories of the population entitled to preferential treatment

- **[Infrastructure] ICT infrastructure co-deployment with road transport and electricity infrastructure** (1/275)

  National studies on ICT infrastructure co-deployment with road transport and electricity infrastructure

- **[Accessibility] Access to television and video content for persons with sight impairments** (SG1RGQ/203)

  Best practices in providing accessible television and video content for persons with sight impairments

Potential future study topics - SG1

- ✓ **Impact of pandemics** (e.g. COVID-19) and ways to address them better through ICTs, e.g.
  - COVID-19 and other pandemics on broadband networks
  - Enhanced capacity of rural and remote areas to deal with pandemics

- ✓ **Financing and investment** aspects (e.g. broadband)

- ✓ **Economic aspects/implications** of digital transformation

- ✓ The **role of innovation** (e.g. for use in rural and remote areas)

- ✓ Fostering **consumer trust in new technologies** while protecting innovation

- ✓ Timely implementation **ICT accessibility for all**, including for new technologies

More information: SG1RGQ/313

ITU-D Study Group 2:
ICT services and applications
for the promotion of sustainable development

- **Question 1/2:** Creating **smart cities and society**: Employing information and communication technologies for sustainable social and economic development

- **Question 2/2:** Telecommunications/ICTs for **eHealth**

- **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** (C&I) programmes and combating **counterfeit ICT equipment** and **theft of mobile devices**

- **Question 5/2:** Utilizing telecommunications/ICTs for **disaster** risk reduction and management

- **Question 6/2:** ICTs and the **environment**

- **Question 7/2:** Strategies and policies concerning human exposure to **electromagnetic fields (EMFs)**

For more information: https://www.itu.int/net4/ITU-D/CDS/sg/questions.asp?lg=1&sp=2018

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ITU-D Outputs for all – SG2

Annual deliverables (with interviews of authors and ITU News articles/Blogs)

Papers available in all UN languages

- A holistic approach to creating smart societies (Question 1/2)

Upcoming:

- Safety and trust for the creation of smart cities (Question 1/2)

- Vertical applications in smart cities (Questions 1/2)

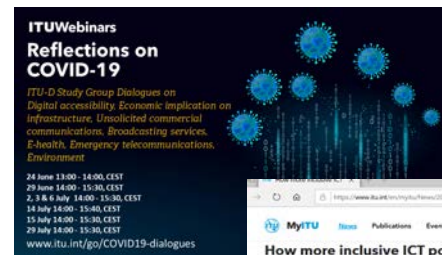- Draft guidelines for conducting national level emergency communications drills and exercises (Question 5/2)

Documents accessible through the following link. Notify us if you are using/referencing these documents to devSG@itu.int

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SG2 Webinars:

New e-health solutions to combat pandemics
The Enabling Policy Environment for Effective Disaster Management
ICTs for climate action and rebuilding greener economies

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Contribution examples (CIS) – SG2

- **[E-health] Guidelines on the construction of telemedicine networks at the local (individual settlements), regional (districts, regions) and national levels (2/203)**

  Guidelines prepared as part of the regional initiative for the CIS countries: "Development of e-health to ensure healthy lives and promote well-being for all, at all ages"

- **[E-health] Telemedicine Act (2/265)**

  Information on best practices in the field of telemedicine, in particular the adoption of the Telemedicine Act, along with concrete examples of how telemedicine is evolving in Russia.

- **[Child Online Protection] Protecting children from information harmful to their health and development (1/318):**

  Best practices with regard to the protection of children from information that is harmful to their health and development

- **[Smart cities] Creating smart cities and intelligent transport systems (2/266)**

  Explores the concept of ITS and its key components and also provides specific examples of ITS implementation in the country.

Potential future study topics - SG2

✓ **Impact of pandemics** (e.g. COVID-19) and ways to address them better through ICTs, e.g.
  - New e-health technologies and support healthy living under pandemics
  - Conformance and interoperability (C&I) challenges and opportunities during COVID-19

✓ Application and impact of **emerging technologies** such as AI, IoT and 5G, including for:
  - Smart cities and communities (for infrastructure connectivity, sensors and devices)
  - E-health (e.g. robotic surgery with application of 4K/8K and 5G)
  - C&I (e.g. impact of new technologies to improve trust on international C&I framework and ICT devices)

✓ Utilization of Telecoms/ICTs for **disaster response and recovery**

✓ Role of ICTs in **preventing natural catastrophes** in human settlements

✓ **EMF exposure** with 5G and AIOT technologies

More information: SG2RGQ/280

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Other collaboration items for WTDC-21

Working methods (WTDC Resolution 1) Coordinators: SG1 Mr Arseny Plosky(Rus. Fed)) & SG2 Alina Modan(Romania)
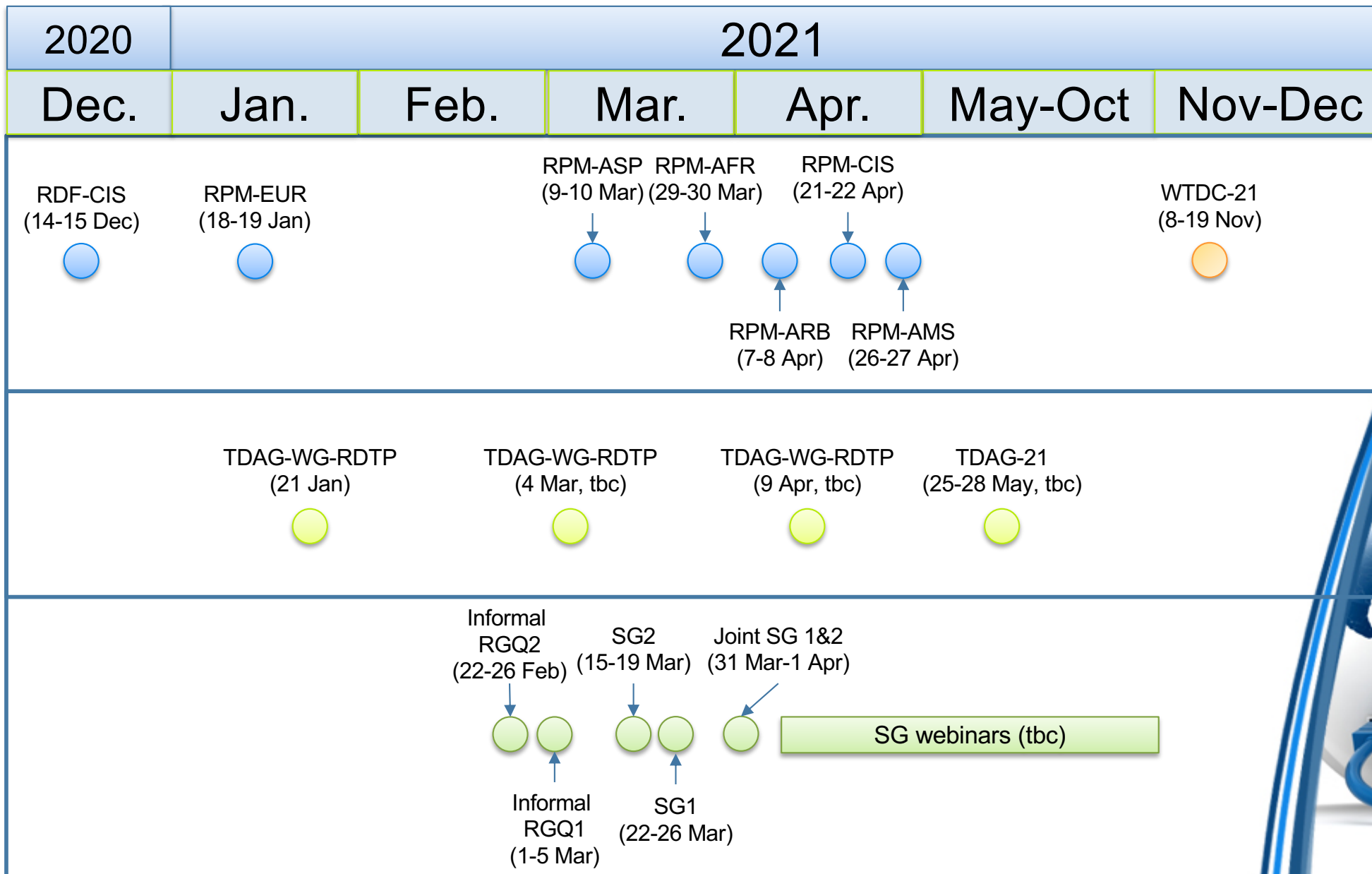
- **Management team members**: how to ensure **more active engagement** of the appointed members
- **Annual deliverables**: to be **newly defined** or reflected in **existing type of document**
- **Output reports**: 1) Possibility to **revise reports from previous study cycles**, focus new reports on new topics only; 2) Improve readability through **editors**
- **Fully virtual vs. hybrid/physical meetings**: how to best harmonize between fully virtual, hybrid and physical meetings (e.g. for **decision making**)

Streamlining of Resolutions : Initial candidate list of Resolutions for streamlining identified : Rules and procedures, membership, spectrum, access to technologies, Internet access, security in the use of ICTs, broadband development

Themes for WTDC Declaration: Initial themes proposed: "**Digital transformation for SDGs**", "**Digital transformation for development**"

Important events on the road to WTDC-21

2020	2021					
Dec.	Jan.	Feb.	Mar.	Apr.	May-Oct	Nov-Dec

RDF-CIS
(14-15 Dec)

RPM-EUR
(18-19 Jan)

RPM-ASP
(9-10 Mar)

RPM-AFR
(29-30 Mar)

RPM-CIS
(21-22 Apr)

WTDC-21
(8-19 Nov)

RPM-ARB
(7-8 Apr)

RPM-AMS
(26-27 Apr)

TDAG-WG-RDTP
(21 Jan)

TDAG-WG-RDTP
(4 Mar, tbc)

TDAG-WG-RDTP
(9 Apr, tbc)

TDAG-21
(25-28 May, tbc)

Informal
RGQ2
(22-26 Feb)

SG2
(15-19 Mar)

Joint SG 1&2
(31 Mar-1 Apr)

SG webinars (tbc)

Informal
RGQ1
(1-5 Mar)

SG1
(22-26 Mar)

Current SG Management and ending terms

WTDC Resolution 61 (Rev. Dubai, 2014), *Resolves 4*: *"that the term of office for both chairmen and vice-chairmen should not exceed two terms of office between consecutive WTDCs;"*

	ITU-D STUDY GROUP 1	Region	Term ends at WTDC-21
Chairman	Ms Regina Fleur ASSOUMOU BESSOU (Côte d'Ivoire)	AFR	
Vice-Chairmen	Mr Peter Ngwan MBENGIE (Cameroon)	AFR	V
	Mr Amah Vinyo CAPO (Togo)	AFR	
	Mr Roberto Mitsuake HIRAYAMA (Brazil)	AMS	
	Mr Víctor Antonio MARTÍNEZ SÁNCHEZ (Paraguay)	AMS	V
	Mr Ahmed Abdel Aziz GAD (Egypt)	ARB	V
	Ms Sameera Belal Momen MOHAMMAD (Kuwait)	ARB	
	Mr Yasuhiko KAWASUMI (Japan)	ASP	V
	Mr Sangwon KO (Republic of Korea)	ASP	
	Mr Almaz TILENBAEV (Kyrgyzstan)	CIS	V
	Ms Anastasia Sergeyevna KONUKHOVA (Russian Federation)	CIS	
	Mr Vadym KAPTUR (Ukraine)	EUR	V
	Ms Amela ODOBASIC (Bosnia and Herzegovina)	EUR	

	ITU-D STUDY GROUP 2	Region	Term ends at WTDC-21
Chairman	Mr. Ahmad Reza SHARAFAT (Islamic Republic of Iran)	ASP	V
Vice-Chairmen	Mr. Roland Yaw KUDOZIA (Ghana)	AFR	
	Mr. Henry Chukwudumeme NKEMADU (Nigeria)	AFR	
	Ms. Celina Delgado CASTELLÓN (Nicaragua)	AMS	V
	Mr. Abdelaziz ALZAROONI (United Arab Emirates)	ARB	
	Ms. Nora Abdalla Hassan BASHER (Sudan)	ARB	
	Mr. Ananda Raj KHANAL (Republic of Nepal)	ASP	V
	Ms. Ke WANG (China)	ASP	V
	Ms. Maria BOLSHAKOVA (Russian Federation)	CIS	
	Mr. Tolibjon Oltinovich MIRZAKULOV (Uzbekistan)	CIS	
	Ms. Alina MODAN (Romania)	EUR	
	Mr. Dominique WÜRGES (France)	EUR	

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Thank You

www.itu.int/itu-d/study-groups
anst.konukhova@gmail.com
mrbolshakova@gmail.com