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|  | **Second Inter-Regional Meeting (IRM-2) to prepare for the WTDC-21 Virtual, 13-14 December 2021** | | A close up of a sign  Description automatically generated |
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|  | | **Document** **IRM21-2/48-E** | |
|  | | **28 April 2021** | |
|  | | **Original: English and Russian** | |
| Regional Commonwealth in the field of Communications (RCC) | | | |
| Draft revision of Resolution 85 (Rev. Buenos Aires, 2017)  “Facilitating the Internet of Things and smart cities and communities for  global development” | | | |
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| **Agenda item:**  Item 6.c  **Summary:**  This contribution is proposed to amend the text of Resolution 85 of WTDC, taking into account the current work of ITU-D Study Groups, as well as to update and simplify the text of the Resolution.  **Expected results:**  This document, contained a draft RCC Common proposal, has been submitted to the RPM-CIS (April 2021) for information.  **Reference:**  Resolution 85 (Rev. Buenos Aires, 2017) | | | |

Annex

**RESOLUTION 85 (Addis Ababa, 2021)**

**Facilitating the Internet of Things and smart cities and communities for global development**

The World Telecommunication Development Conference (Addis Ababa, 2021),

*recalling*

a) Resolution 197 (Dubai, 2018) of the Plenipotentiary Conference, on facilitating the Internet of Things (IoT) smart sustainable cities and communities;

b) Resolution ITU-R 66 (Geneva, 2015) of the Radiocommunication Assembly, on studies related to wireless systems and applications for the development of the IoT;

c) Resolution 98 (Hamammet, 2016) of the World Telecommunication Standardization Assembly, on enhancing standardization of the IoT and smart cities and communities for global development;

d) Resolution 50 (Rev. Buenos Aires, 2017) of this conference, on optimal integration of information and communication technologies (ICTs);

e) the goals of the ITU Telecommunication Development Sector (ITU-D), defined by Resolution 71 (Rev. Dubai, 2018) of the Plenipotentiary Conference on the strategic plan of the Union for 2020 - 2023;

f) Recommendation ITU-D 22 (Dubai, 2014) of the World Telecommunication Development Conference, on bridging the standardization gap in association with regional groups of the study groups;

g) Resolution 139 (Rev. Dubai, 2018) of the Plenipotentiary Conference, on use of telecommunications/ICTs to bridge the digital divide and build an inclusive information society;

h) Resolution 77 (Rev. Buenos Aires, 2017) of this conference, on broadband technology and applications for greater growth and development of telecommunication/ICT services and broadband connectivity;

i) Resolution 200 (Dubai, 2018) of the Plenipotentiary Conference, on the Connect 2030 Agenda for global telecommunication/information and communication technology, including broadband, to ensure sustainable development,

*noting*

the work carried out by the United for Smart Sustainable Cities (U4SSC) initiative, launched by ITU together with the United Nations Economic Commission for Europe (UNECE) in May 2016,

*considering*

a that the development and implementation of IoT and the creation of smart sustainable cities and communities (SSCC) will hinge upon the active participation of governments, industry and other relevant international and regional organizations and stakeholders;

b that special support should be given to developing countries[[1]](#footnote-1), as they may have limited resources to build an inclusive society,

*resolves*

that ITU-D, in close collaboration with ITU-T and ITU-R, promote the adoption of IoT and the development of smart cities and communities, in order to maximize the benefits in advancing socio-economic development and contribute to achieving the Sustainable Development Goals and the Connect 2030 Agenda,

*instructs the study groups of the ITU Telecommunication Development Sector, each according to its mandate*

1 to collect national and regional experiences on the adoption of IoT and SSCC and prepare guidelines for the implementation of IoT and SSCC on the basis of ITU Recommendations and contributions from other organizations;

2 to carry out studies on the opportunities and challenges in the implementation of IoT and SSCC;

3 to identify case studies on the application of IoT and smart cities and communities, focusing on factors affecting the roll-out of IoT and SSCC,

*instructs the Director of the Telecommunication Development Bureau*

1 to support Member States, in particular the developing countries, in adopting IoT and SSCC through providing relevant information, capacity building and accumulation of the best practices aimed at facilitating the development of enabling environments and infrastructure and fostering digital innovation ecosystems;

2 to facilitate investments in IoT, the deployment and adoption of IoT and SSCC, especially in developing countries, through projects under the United Nations development systems and in accordance with No. 118 (Article 21) of the ITU Constitution;

3 to work in coordination with international and regional organizations and cooperate with other stakeholders in order to establish a favourable environment to enable the exchange of knowledge, expertise and best practices to support the deployment of IoT and SSCC, including applications and services, by organizing workshops and forums at both regional and international levels,

*instructs the Director of the Telecommunication Development Bureau, in collaboration with the Directors of the Telecommunication Standardization Bureau and the Radiocommunication Bureau*

1 to prepare a report identifying the needs of developing countries related to IoT and SSCC, based on the work conducted by ITU-T, ITU-R and ITU-D as well as other stakeholder organizations;

2 to collate the work done within ITU relating to IoT and SSCC, including studies conducted on technology and standards as well as recommendations on policy and regulation, so as to facilitate the development and adoption of IoT;

3 to facilitate discussions and exchange of best practices through the organization of workshops and training programmes on IoT and SSCC,

*invites Member States, Sector Members, Associates and Academia*

1 to participate actively in ITU studies relating to IoT and SSCC, including applications and services, by providing all possible assistance;

2 to collaborate and exchange expertise and best practices in this area,

*encourages Member States*

to adopt appropriate strategies, policies, plans and an enabling environment to facilitate and stimulate the development of IoT and SSCC, including applications and services.

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1. These include the least developed countries, small island developing states, landlocked developing countries and countries with economies in transition. [↑](#footnote-ref-1)