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| **Telecommunication Development Advisory Group (TDAG)**  **24th Meeting, Geneva, 3-5 April 2019** | C:\Users\comas\AppData\Local\Temp\Rar$DRa0.735\jpg\ITU official logo_blue_RGB.jpg |
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|  | **Document** **TDAG-19/****32-E** |
|  | **12 February 2019** |
|  | **Original: English** |
| Director, Telecommunication Development Bureau | |
| IMPLEMENTATION OF WTDC RESOLUTION 9 (Rev. Buenos Aires, 2017) | |
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| **Summary:**  This document provides a summary of ITU activities for implementation of Resolution 9.  **Action required:**  TDAG is invited to note this document and provide guidance as deemed necessary.  **References:**  WTDC Resolution 9 (Rev. 2017, Buenos Aires) | |

Introduction

WTDC-17 in Buenos Aires approved revision of the Resolution 9: Participation of countries, particularly developing countries, in spectrum management.

The Resolution

*Instructs the Director of the Telecommunication Development Bureau*

4 to provide annual reports to the Telecommunication Development Advisory Group on the implementation of this resolution.

**Implementation of Resolution 9**

This document provides a summary of ITU activities for implementation of Resolution 9. Annex 1 to Resolution 9 provides examples of specific needs of the developing countries on spectrum management.

Following are the main topics:

1. Assistance in raising the awareness of national policy-makers as to the importance of effective spectrum management for a country's economic and social development;
2. Training and dissemination of available ITU documentation;
3. Assistance in developing methodologies for establishing national tables of frequency allocations and spectrum redeployment;
4. Assistance in setting up computerized frequency management and monitoring systems;
5. Economic and financial aspects of spectrum management;
6. Assistance with preparations for world radiocommunication conferences (WRC) and with follow-up and implementation of WRC decisions;
7. Assistance with participation in the work of the relevant ITU-R study groups and their working parties;
8. Transition to digital terrestrial television broadcasting;
9. Assistance in identifying the most efficient ways to utilize the digital dividend;
10. Emerging technologies and approaches in using spectrum;
11. Innovative ways of spectrum licensing;
12. Assistance with interference caused by devices in derogation of national spectrum allocations;
13. Assistance in resolving seasonal interference caused by anomalous propagation of radiowaves;
14. SMS4DC development and training.

Table 1 below, gives an overview of the number of cases of assistance provided by topic. For more details, please refer to Table in the Annex of this document (document INF/4), which contains a summary of the assistance provided to the countries on spectrum management issues region by region.

This year direct country assistance within Korean projects will be continued on National Spectrum Management System development and spectrum management trainings, on digital broadcasting transition (including updating of the DSO database), a thematic workshop on 5G technology for developing countries and on hybrid infrastructure and technologies for affordable broadband access will be organised, and SMS4DC (Spectrum Management System for Developing Countries) will be further developed;

In addition to the above, we will work on the implementation of the ITU-EU project “Increasing wireless broadband penetration through improved and harmonized spectrum utilization and regulations” (PRIDA).

**Table 1: Overview of the number of assistances by topics**

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| **Topic** | **Number of activities** |
| 1. Assistance in raising the awareness of national policy-makers as to the importance of effective spectrum management for a country's economic and social development | 40 |
| 1. Training and dissemination of available ITU documentation | 16 |
| 1. Assistance in developing methodologies for establishing national tables of frequency allocations and spectrum redeployment | 16 |
| 1. Assistance in setting up computerized frequency management and monitoring systems | 5 |
| 1. Economic and financial aspects of spectrum management | 17 |
| 1. Assistance with preparations for world radiocommunication conferences (WRC) and with follow-up and implementation of WRC decisions | 14 |
| 1. Assistance with participation in the work of the relevant ITU-R study groups and their working parties | 9 |
| 1. Transition to digital terrestrial television broadcasting | 13 |
| 1. Assistance in identifying the most efficient ways to utilize the digital dividend | 13 |
| 1. Emerging technologies and approaches in using spectrum | 12 |
| 1. Innovative ways of spectrum licensing | 17 |
| 1. Assistance with interference caused by devices in derogation of national spectrum allocations | 3 |
| 1. Assistance in resolving seasonal interference caused by anomalous propagation of radiowaves | 2 |
| 1. SMS4DC development and training | 7 |
| **Total** | **184** |

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