



# ABU TECHNICAL COMMITTEE MEETING 2022

**New Delhi  
India**  
26 - 27 November  
2022

**Doc T-22/20-15**

## STATUS REPORT

|               |                       |                 |            |
|---------------|-----------------------|-----------------|------------|
| Organisation: | TRT                   |                 |            |
| Period:       | 01.11.2021-31.10.2022 | Date of Report: | 11.11.2022 |

### PART A

#### Technical Developments during the past year:

System upgrades/changes to practices for improved quality/efficiency

- Alternative program transmission without satellites (Completed)
- 16-35mm film digitisation and restoration sets improved both for quality and efficiency
- Developing GeoIP location service (ongoing)
- Camera tracking system (aka AR-VR) has been installed to TRT Arabi channel studio.
- TRT 4K channel equipment's has been extensively renewed for use in global organisations like FIFA2022
- TRT World channel's PAM system storage capacity Increment
- TRT VOW (Voice of World) Radio channel system upgrade (tender has been completed recently, installation will be started in a few weeks)

New Services/new projects initiated

- DAB+ trial broadcast (ongoing)
- DVB-T2 trial broadcast (ongoing)
- 11PB total central storage installed in three locations for media storage
- Digital Books project for children (ongoing)
- Planning of a new campus for new and large production centre (ongoing)

### Research projects

- TRT Çocuk (TRT Child) Mobile App User behaviours (ongoing)
- Users Experience on TRT SSO Screens research (ongoing)
- Writing TRT's own DRM (ongoing)
- Marketing Analytics & Marketing Automations (ongoing)
- Developing TRT's own MAM System Project (ongoing)

### Internet and Mobile Broadcasting Services

|                    |  |  | Radio   | Television  |
|--------------------|--|--|---|---|
| Coverage %         |  |  | TRT FM : %99.7<br>TRT Radio 1 : %93.6<br>TRT Nagme:%90.6<br>TRT Turku: %92.1<br>TRT Radio<br>News:%75.7<br>TRT Radio 3 : %61.2<br>TRT Radio<br>Kurdi :%10,2<br>TRT Radio<br>World :%30,59<br>TRT Arabia:%21.4 | TRT<br>1 : %98,4<br>TRT<br>News: %98,1<br>TRT<br>Sport : %96,8<br>TRT<br>Kinds : %92<br>TRT-<br>Kurdi : %16,1 |
| Programme Channels |  |  | TRT FM<br>TRT Radio 1<br>TRT Nagme<br>TRT Turku   | TRT 1<br>TRT News<br>TRT Sport<br>TRT Kinds   |

|              |                           |       |   |           |
|--------------|---------------------------|-------|---|-----------|
|              |                           |       | TRT Radio News<br>TRT Radio 3<br>TRT Radio Kurdi<br>TRT Radio World<br>TRT Arabia | TRT-Kurdi |
| Studios      | File-based Set-up         | R/N/D |   |           |
|              | SDTV                      | R/N/D |   |           |
|              | HDTV                      | R/N/D |   |           |
|              | UHDTV                     |       |   |           |
|              | IP Based Set-up           | R/N/D |   |           |
| Transmitters | HF                        | R/N/D | R   |           |
|              | MF                        | R/N/D | R   |           |
|              | FM                        | R/N/D | R   |           |
|              | TV                        | R/N/D |   | R         |
|              | OTT/IBB/Internet Services | R/N/D |   |           |
|              | Mobile Services           | R/N/D |   |           |

R = Replacement/upgrade    N = New    D = Discontinued

**PART B  
CURRENT ACTIVITIES**

|    | <b>Activities</b>  | <b>Area</b>          | <b>Brief Details:<br/>1. Objectives<br/>2. Progress to date</b> | <b>Challenges/Problems Faced:<br/>1. Lack of resources<br/>2. Lack of know-how<br/>3. Others (e.g. up-skilling)</b>                 | <b>Solutions Implemented/Type of assistance requirement from ABU</b>                    |
|----|--|----------------------|---|---|---|
| 1. | <b>Development projects/Upgrading facilities/Training</b>  | Digital Radio (DAB+) | In trial  | Waiting the final frequency planning form RTUK.<br>8 radio programmes in Ankara, Istanbul, Izmit and Bursa broadcasting via DAB+.   | Having enough knowledge and experience. No technical assistance is needed at this time. |
|    |  | Digital TV (DVB-T2)  | In trial  | Waiting the final frequency planning form RTUK.<br>5 HD TV programmes in Ankara, Istanbul, Izmir and Bursa broadcasting via DVB-T2. | Having enough knowledge and experience. No technical assistance is needed at this time. |
|    |  |                      |   |   |   |
|    |  |                      |   |   |   |
| 2. | <b>Participation in ABU Activities</b>                     | <b>Area</b>          | <b>Level of Participation</b>                                   | <b>Reasons for not participating (though interested)</b>  |   |
|    |  |                      |   |   |   |
|    |  |                      |   |   |   |
|    |  |                      |   |   |   |
| 3. | <b>Suggestions for New ABU Activities e.g. study topic</b> | <b>Activity 1</b>    |   |   |   |

|  | <b>Activities</b>  | <b>Area</b>       | <b>Brief Details:</b><br><b>1. Objectives</b><br><b>2. Progress to date</b> | <b>Challenges/Problems Faced:</b><br><b>1. Lack of resources</b><br><b>2. Lack of know-how</b><br><b>3. Others (e.g. up-skilling)</b> | <b>Solutions Implemented/Type of assistance requirement from ABU</b> |
|--|--|-------------------|---|---|--|
|  | <b>projects, webinars, workshops, symposiums etc, spectrum activities, information exchange platform</b> |                   |   |   |  |
|  |  | <b>Activity 2</b> |   |   |  |
|  |  | <b>Activity 3</b> |   |   |  |