



# Digital Terrestrial Television Broadcasting (DTTB)

## DSO Database

**BACKGROUND**

Website

ASO status for  
AFR Countries (44)  
ARB Countries (21)

**István Bozsoki**

Head Telecommunication and Spectrum Management division

## Background

- Council 2014, 7 May, request from Kenya:  
ITU to provide an analogue to digital switchover stocktaking for assisting the Member States in their migration process.
- Information from relevant surveys, questionnaires of the ITU-D and ITU-R and other sources
  - ITU-D Question 11-3/2 Questionnaire, 2012;
  - ITU-D Question 11-3/2 Final report, 2014;
  - ITU-D Questionnaire to European countries, 2013 and a follow-up in 2014;
  - ITU-D Questionnaire to Arab Countries, 2013;
  - ITU-D and ITU-R meetings, workshop, seminars, frequency coordination meetings;
  - ITU-R SG6 Questionnaire, 2014, results published in Report ITU-R BT.2302-0;
  - African Union Commission Survey, 2013;
  - DIGITAG, 2014.
- Entered to the database



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# Website

## Website

- Summary of the basic information available
- Research results (e.g. websites, frequency of mentions, sentiment)
- Research results (e.g. social media, documents, mentions, sentiment)
- Research results (e.g. news, articles, research papers, etc.)
- Content
- Information about the different sources of information (e.g. Twitter, Facebook, etc.)
- Information about the different sources of information (e.g. Twitter, Facebook, etc.)

## Website

Website

## Public Website



- Data Miner
- Figures
- Summary
- Country Profiles

## Website features



## Features

- Filtering on the different items (e.g. by region, date, technology)
- Detailed displaying of the available information (e.g. for a country, relevant events, documents, websites)
- Displaying information on a map
- Date entry/update possibility for the administrations

## Website

- Summary of the basic information from countries
- Relevant events (e.g. workshops, frequency coordination meetings, seminars)
- Relevant publications (e.g. ITU-R and ITU-D documents, roadmaps, workshop presentations)
- Relevant websites (e.g. ITU-R and ITU-D, broadcasting organizations, GE-06)
- Contacts
- Information sources (list of relevant surveys, questionnaires of the ITU-D and ITU-R and other sources)
- Accessible both from BDT and BR web pages

### *Circular Letter BDT/IEE/SBD/DM/014 from the BDT Director (23 February 2015)*

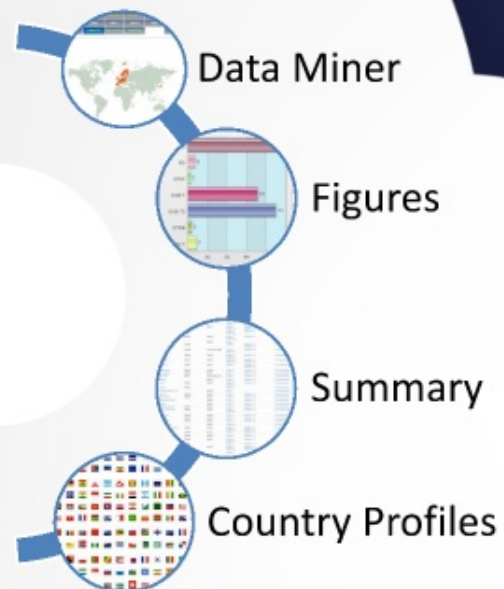
- Given the dynamically changing status of the Digital Terrestrial Television (DTT) deployment and in order to enable all administrations to benefit from the latest status and information concerning the Digital migration, Administrations are invited to make the necessary update to ensure that their actual status and data are correctly reflected on the portal.

### *Circular Letter BDT/IEE/TND/016 from the BDT Director (12 February 2019)*

- After the deadline set by the GE-06 conference, and in order to enable all administrations to benefit from the latest status and information, ITU is updating the database on the digital Terrestrial Television broadcasting transition. For this reason, Administrations are asked to provide and update their information using the web portal



## Public Website



[illegible]

## *Features*

- Filtering on the different items (e.g. by region, date, technology)
- Detailed displaying of the available information (e.g. for a country, relevant events, documents, websites)
- Displaying information on a map
- Date entry/update possibility for the administrations



### *Website demonstration*

<http://www.itu.int/en/ITU-D/Spectrum-Broadcasting/Pages/DSO/Default.aspx>



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# ASO status for AFR Countries (44) ARB Countries (21)

44 Countries in  
ASO status for AFR Countries (44)

Country	ASO Status
Algeria	ASO
Angola	ASO
Benin	ASO
Burkina Faso	ASO
Burundi	ASO
Cote d'Ivoire	ASO
DRC	ASO
Egypt	ASO
Ethiopia	ASO
Ghana	ASO
Guinea	ASO
Guinea-Bissau	ASO
Kenya	ASO
Libya	ASO
Mali	ASO
Morocco	ASO
Mozambique	ASO
Niger	ASO
Nigeria	ASO
Rwanda	ASO
Senegal	ASO
Sierra Leone	ASO
Sudan	ASO
Tanzania	ASO
Togo	ASO
Tunisia	ASO
Zambia	ASO
Zimbabwe	ASO
... (other countries follow similar pattern)	...

21 Countries in  
ASO status for ARB Countries (21)

Country	ASO Status
Algeria	ASO
Angola	ASO
Benin	ASO
Burkina Faso	ASO
Burundi	ASO
Cote d'Ivoire	ASO
DRC	ASO
Egypt	ASO
Ethiopia	ASO
Ghana	ASO
Guinea	ASO
Guinea-Bissau	ASO
Kenya	ASO
Libya	ASO
Mali	ASO
Morocco	ASO
Mozambique	ASO
Niger	ASO
Nigeria	ASO
Rwanda	ASO
Senegal	ASO
Sierra Leone	ASO
Sudan	ASO
Tanzania	ASO
Togo	ASO
Tunisia	ASO
Zambia	ASO
Zimbabwe	ASO

## 44 Countries

### ASO status for AFR Countries (44)

[illegible]

44 Countries

## ASO status for ARB Countries (21)

Country	Year of Launch	ASO Date	TV Standard	Compression Format	Status
Algeria	2013	2015	DVB-T DVB-T2	MPEG-2 MPEG-4	Completed
Burkina Faso	2015	17/06/2015	DVB-T2	MPEG-2 MPEG-4	Ongoing
Comoros (Union of the)			DVB-T	MPEG-2	Not Started
Egypt (U)	2017	13/06/2018	DVB-T2	MPEG-4	Ongoing
Egypt	2015	13/06/2018	DVB-T2	MPEG-4	Ongoing
Iraq					Not Started
Jordan	2018	2015	DVB-T2	MPEG-2 MPEG-4	Ongoing
Kuwait					No Information
Lebanon		2015	DVB-T2		Not Started
Libia		2016	DVB-T2		Not Started
Mauritania	2018	17/06/2018	DVB-T2	MPEG-4	Not Started
Morocco (incl. calling Moroccan Sahara)	2007	17/06/2015	DVB-T	MPEG-2	Completed
Oman		13/06/2015	DVB-T2		Ongoing
Qatar	2014	04/18/2018	DVB-T2	MPEG-4	Completed
Saudi Arabia	2008	2013	DVB-T DVB-T2	MPEG-2 MPEG-4	Completed
Senegal					Completed
Sudan		2015	DVB-T DVB-T2		Completed
Syria		2020			No Information
Tunisia	2013	2015	DVB-T	MPEG-4	Ongoing
United Arab Emirates	2010	04/09/2010	ATSC-3.5	MPEG-4	Completed
Yemen		2020			No Information

ITU Workshop, Gaborone, 2019

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