

BDT Activities and Assistance

Digital Terrestrial Television Broadcasting



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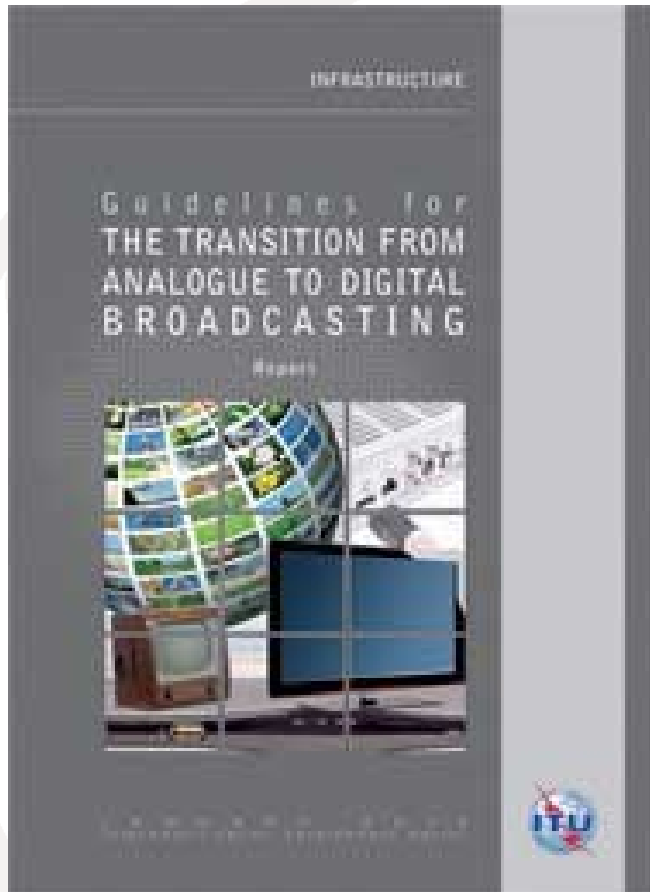
Broadcasting Related Activities



- Guidelines
- Projects
- Country assistance
- Country case studies
- Spectrum Management Training Program (SMTP)
- Others

Guidelines

Guidelines for Transition to Digital Broadcasting



- ❑ Intended to provide information and recommendation
 - On policy, technologies, network planning, customer awareness and business planning
 - for the smooth transition to Digital Terrestrial Television Broadcasting (DTTB) and introduction of Mobile Television Broadcasting
- ❑ Prepared in 2010 for Africa
 - 1st Revision (2012) for ASP adding a section on archives migration
 - 2nd revision (2014) for global including Satellite TV, Cable TV, IPTV

<http://www.itu.int/en/ITU-D/Spectrum-Broadcasting/Documents/Guidelines%20final.pdf>

Projects

Projects funded by



- Republic of Korea
- Japan
- Australia
- Latin-American Development Bank (CAF)

Country assistance

- ❑ ITU assisted a number of Member countries in developing roadmap for transition from analogue to digital broadcasting
- ❑ Around 30 countries since 2009 for establishing national goals, strategies, key activities and so forth
 - Africa Region: Angola, Ethiopia, Mali, Gabon, DRC, Equatorial Guinea
 - ASP Region: Bangladesh, Bhutan (*also an update*), Cambodia, Fiji, Indonesia, Lao PDR, Maldives, Micronesia, Mongolia, Myanmar, Nepal, Papua New Guinea, Philippines, Sri Lanka, Thailand, Timor-Leste, Tonga (*also revision of the roadmap*), Vanuatu, Vietnam, Afghanistan, Kiribati, Nauru, Samoa and Solomon Islands
 - AMS: Guyana, Haiti (CONATEL to visit Trinidad and Tobago)
 - Palestine
 - Also from BDT's direct assistance program

In Latin-America (recent)



➤ Spanish

- Guidelines translated
- Colombia
- Paraguay
- Bolivia
- Venezuela
- Panama
- Costa Rica
- Dominican Republic

➤ English

- Jamaica

Working method



- Questionnaire
- NRT (National Roadmap Team) requested
- First mission for presentation of the roadmap Guideline, fact finding, meeting with stake holders
- Preparation of the first draft roadmap
- Comments
- Second mission
- Finalization of the Roadmap
- Workshop on presenting the results and discussing country experiences

Country case studies and reports

Country Case Studies

- Thailand
- Japan
- Australia

Reports

Offering information to Member countries

- [“Digital Dividend”](#), [“Trends in Broadcasting](#)
- Report on Interactive Multimedia Services in ASP
- Making Television Accessible
- DSO database – see demonstration
<http://www.itu.int/en/ITU-D/Spectrum-Broadcasting/Pages/DSO/Default.aspx>

Spectrum Management Training Program

SMTP

Addressed problem

- Today there are no formal holistic SM education programs, except some ad hoc commercial or public courses such as ITU BR seminars, USTTI
- Large administrations train SM staff by seconding them to experienced workers, but this offers narrowed vision and no formal quality check
- Many smaller administrations, especially in developing countries, do not have even such option, but must rely solely on ad hoc courses

Solution

- ITU established Spectrum Management Training Program:
 - Unified course, offering students across the globe access to state-of-the-art holistic SM training and forward-looking professional vision
 - Formalised assessment ensuring minimal quality of professional education
 - Certification to give international recognition, with possible option of university credits/diploma

Pilot

- OM1 “Legal Basis and Regulatory Framework of Spectrum Management” – online, English, December 2014 – January 2015

<https://academy.itu.int>

Other activities (1)

- ITU-D Study Group 1 Question 8/1 (previous SG2 Question 11-3/2)
- Cooperation with broadcasting organizations (WBU, EBU, ABU/AIBD etc.)
- Presentation at training seminars and workshops
- Training on “Interactive Multimedia Services and Pay TV” in ASP
- **Regional Workshop on Spectrum Management and Transition to Digital Terrestrial Television Broadcasting for Europe and CIS, Budapest, Hungary, 5-7 May 2015**
 - Digital terrestrial television transition, before ASO;
 - Post transition activities
 - Utilization of the Digital dividend;
 - Spectrum management structure and tools

<http://www.itu.int/en/ITU-D/Regional-Presence/Europe/>

Other activities (2)

- Asia-Media Summit Pre-Summit event
 - 25 May 2015, Kuala Lumpur
- Symposium on Digital Broadcasting Transition
 - 17 June 2015

THANK YOU !!

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