DTT implementation in Romania - key objective of ANCOM
• The National Authority for Management and Regulation in Communications (ANCOM) is the institution that regulates the Romanian electronic communications sector.

• It manages, at a national level, the radio frequencies in the frequency bands allotted for exclusive or shared non-governmental use, elaborates the regulations necessary to manage the radio spectrum and administrates the implementation of the Directives on radio equipment and telecommunication terminal equipment, as well as on electromagnetic compatibility.
Audiovisual market in România

- Providers: **326 (DTH, IPTV, CATV)**

- Subscribers to other audiovisual (than terrestrial broadcasting) platforms: **6,11 million**

- Penetration rate of the households for other audiovisual platforms **81,8%**

- **18,2%** of the households are not connected to other audiovisual platforms of TV programs
Planning principles and the Geneva 2006 DTT plan for Romania

Planning principles:
- The shapes of the allotments have been chosen taking into account the coverage of existing analogue high power transmitters, the relief and the administrative districts of Romania
- the Plan was made based on allotments due to the flexibility of allotment planning
- network type chosen: SFN

DTT Frequency Plan for Romania:
• 37 areas (allotments), regional SFN
• 7 national DVB-T coverages in UHF (21-69)
• 1 national DVB-T coverage in VHF (5-10)
• regional coverages
DTT pilot projects

S.N. Radiocomunicatii
- Bucharest: ch. 54 and 59 with 2 synchronised transmitters
  - TVR HD + other SD programs
- Sibiu: ch. 47 and 54

PRO TV
- Bucharest: ch. 30 (adjacent to analogue TV ch. 31), 3 synchronised transmitters
  - PRO TV HD
  - SPORT.RO HD
Legislative measures I

What was approved:

The modification of Audiovisual Law nr.504/2002 in order to allow the introduction and licensing of the new digital services – Law nr. 333/2009 officially published in 19.11.2009

Provisions:
• The Licenses for frequency usage for digital terrestrial television are granted by ANCOM to a multiplex operator according to a selection procedure established by a Government Decision.
• Digital audiovisual licenses are granted by CNA to content providers - broadcasters
• The broadcasters who currently transmit terrestrial have priority at obtaining the digital audiovisual licence from CNA
• The broadcasters have the freedom to choose the multiplex in which will be broadcast

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Legislative measures II

The Strategy regarding the transition from analogue terrestrial television to digital terrestrial television and implementation of multimedia digital services at national level – HG nr. 403/19.06.2013 officially published in 03.07.2013

Provisions:
- Television system: DVB-T2
- Number of multiplexes: 5 (4 in UHF band (21-49), 1 in VHF)
- 1 multiplex in UHF for public programs - free to air, coverage conditions (90% of population, 80% of territory till 31 December 2016)
- 4 commercial multiplexes without specific development conditions
- Switch – off date for analogue television: 17 June 2015.
- The date of entry in force of the multiplex licences: 17 June 2015.
Legislative measures III

What is next to be approved:

• The Government Decision which will establish the type of selection procedure for granting the licences for frequency usage for DTT, the condition and the license fees, according to the provisions of the Audiovisual Law nr.333/2009 and of the Strategy.

• The Decision of ANCOM president regarding the procedure of granting the licenses for frequencies usage for DTT.
Stages of the selection procedure I

Forerunner stages of the procedure:

- Development of the draft tender document - done;
- Publication of the draft tender document for public consultation – done in 28.11.2013;
- Comments regarding the draft of tender document – the comments were received by 14.01.2014;
- Approval of the final form of the tender document – till 01.03.2014;
- Beginning of selection procedure – depending on the publication date of Government Decision – dd.mm.2014 (not later than mid of March);
Stages of the selection procedure II

- Providing the tender document to the interested entities – starting dd.mm.2014;
- Answering to clarifications requests - dd.mm.2014+2 weeks;
- Receiving the offers and the assurance amount deposit by the entities who get the tender document - dd.mm.2014+6 weeks;
- Announcement regarding of the qualified/unqualified offers - dd.mm.2014+7 weeks;
- Resolving the complaints - dd.mm.2014+8 weeks
- Announcement if will be auction or not - dd.mm.2014+8 weeks
- Auction process - dd.mm.2014+10 weeks
- Granting licences – till 16.06.2014;
Some tender document provisions

- **Technical conditions:**
  - 5 multiplexes based on Geneva 2006 allotment plan, in VHF and UHF band without 700 MHz and 800 MHz bands
  - flexibility to choose the system variant of DVB-T2, the sites and parameters for assignments inside allotment contour, based on Geneva 2006 provisions and no-interference condition

- **Procedure**
  - auction, with 4 stages: application stage, qualification stage, auction stage, licence awarding stage.
  - reserve price: established by Government decision
  - auction stage: initial bid, primary rounds, assignment round
Thank you for your attention!

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