Mapping of broadband infrastructure in Albania

11-12 April 2016, Warsaw, Poland
Regulatory measures in Albania


- Regulation No. 26 dated 16.08.2012 for “Content, form and functioning of Electronic Registry of public electronic communications networks in the Republic of Albania ”

According to this regulation operators are obligated to submit their network map:

- Twice a year reports
- Within 30 days to reflect new installations
Broadband access services are provided through a variety of electronic communications networks:

- **Cable networks:**
  - FTTx - networks based on optimal fiber cables
  - xDSL - networks based on copper cables
  - Networks based on coaxial cables
  - HFC (Hybrid optical-coaxial networks).

- **Wireless networks:**
  - LTE
  - UMTS / HSDPA / HSPA
  - GSM/GPRS/EDGE
  - Wi-Fi - wireless local area networks,
Upgrade Mapping System

1. During 2016, AKEP in cooperation with ITU and AKOS (Agency for communication networks and services of the Republic of Slovenia), have cooperated for “Assistance to Albania in preparation of tender documentation for upgrade of Broadband Mapping”. Also in 2016, AKEP in cooperation with UKE (Office of Electronic Communications of the Republic of Poland), have cooperated for “Mobile QOS Monitoring”.

2. After the implementation’s, all data from the old system was imported to the new one.

3. At the beginning of 2018, the new system ATLAS has started, all operators were given access to the new system. All operators have 2 ways to record data in the system, one with IMPORT (AKEP has defined new DATAMODEL), and the other by drawing the online map on Atlas System.
About ATLAS System

1. System is built as a multiuser system which offers the possibility to manage different roles for every user.

2. There are 3 web service, Public, Management, and for Operators.

3. Mapping system offer the possibility to the Operators and Administrative Unit to update and create their own communication maps.

4. 200 Services Providers
   3 Mobile Operators
Network infrastructure map: Antenna basement
Network infrastructure map: Radio Transmitters
Network infrastructure map: Optic Fiber
Network infrastructure map: Passive infrastructure
Mobile QOS Monitoring
Thank You

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