

Broadband Access Network Planning: Case Studies from the Region

Abstract

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- This presentation gives examples of Broadband Access Network Planning derived from several ITU projects.
- To meet countries' requests for assistance in the field of Broadband Access Network Planning ITU has selected appropriate planning tools, entered into partnership agreement with leading companies and offered assistance through application of the selected planning tools from ITU experts.
- Three case studies, derived from assistance of ITU to countries in the CIS region, are presented:
 - Georgia – development of the broadband access in the country; urban and suburban broadband access network planning for the capital Tbilisi with: xDSL and FTTO for the urban area and WiMAX for the suburban/rural areas
 - Tajikistan - urban and suburban broadband access network planning for the capital Dushanbe with: xDSL and WiMAX overlay for the urban area and WiMAX for the suburban/rural areas
 - Moldova - development of the broadband access in the country; broadband access network planning for the capital Chisinau, typical town and typical rural area with application of different technologies: xDSL, FTTB, wireless (WiMAX), and HFC (Cable TV)