

Planning of Broadband Wireless Access for Rural and Remote Areas

Abstract

Ignat Stanev

- First this presentation discusses the characteristics of the rural and remote areas through statistical data for different telecom indicators. There are particular details for countries from the Arab region. Main source of the used statistical data are the world telecommunication/ICT indicators collected regularly by ITU.
- Then there is a summary of the necessary service, market, and technology modeling as bases for planning of the broadband wireless access. Also there is short summary for the requirements to the planning software to be used for such cases.
- Finally case studies for evaluation of different broadband solutions in the access network of rural and remote areas are presented. Special attention is drawn on the wireless technological solutions. The case studies are performed with network planning tools of ITU partners.