

# **NGN Deployment in Developing Countries**

**Natasa Gospic, University of Belgrade  
Dragan Bogojevic, Alcatel-Lucent Pupin Serbia,**

## **Abstract:**

The development of next-generation networks (NGN) is a growing trend in the global telecommunications sector. Although the technological requirements are known, NGNs target a new generation of users, sources for revenue, and regulation. Telecom companies in developing countries are encountering new challenges in managing NGN deployment and often seek to draw upon experiences from developed countries. However, the differences in technological needs, market profitability, and legislative framework are remarkable, and the mapping of those experiences is not always possible. In this presentation to define an appropriate approach for developing countries the main differences between developed and developing countries are analyzed. Based on these analyses, in the paper a model for planning and deploying NGN in emerging economies is proposed, emphasizing the role of government and private sector partnership.