

## NGN Business Planning

### **Abstract**

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- Business analysis and planning becomes the one of the most critical activities in the current evolution of the Telecom sector with a large variety of new technologies, services and market sharing with the liberalization. A review is made of the role of business planning, relation to other network planning processes and economic methodologies applied to support the different activities of planners at strategic level, tactical level or anticipation of investment needs.
- Specific emphasis is done on the requirements and functionalities required for the migration towards NGN main business indicators such as NPV and dynamic modeling in all the analysis period for technical and economic parameters such as demand evolution, equipment dimensioning, equipment substitution according to life-cycle, etc.
- An example is provided for the modeling for solution mapping in the access segment where a myriad of alternatives appears today and geo-scenarios are analyzed to decide which one is best from the techno-economical point of view. Some mapping results illustrate the importance of the adequate solution mapping for the economical results and some recommendations.