

## **2 FTTx in new Buildings**

### **2.1 FTTx in new Buildings**

This guideline document was developed to enable the application of a common, system-independent FTTx pre-cabling of multi subscriber premises and the infrastructure needed in new buildings (Greenfield areas).

#### **These guidelines**

- Provide access providers (licensees) with an application independent optical fibre cabling subsystem;
- Serve an open market for cabling components and
- Provide building developers/owners with guidance allowing the accommodation of the telecommunication infrastructure and interfaces already in the initial planning either for construction or refurbishment.

The common specification manual was developed to suit the existing/future technical requirements of both licensees in addition to new licensees in the future with the effective utilization of resources.

The main driver for this is the intention to foster competition already on the network infrastructure level and give the end user the freedom to select a network provider of choice. Such competition will stimulate the development of the telecom sector due to attractive retail pricing and innovative service creation. Therefore all measures foreseen in this manual already cater for a possible third licensee<sup>1</sup>.

This effort is spent in addition to the available bit stream service agreement applicable in areas/buildings where only a single network infrastructure is available (brownfield areas) today.

The Telecommunication Regulatory Authority (TRA) started this initiative to achieve a market consensus among all relevant stakeholder like municipalities, ministries, licensees, master plan developers, building developers and property owners.

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