

European Commission FP7 Project Optical Access Seamless Evolution (OASE)

Magyar Telekom Nyrt.

Technical Unit 2.0



OASE summary

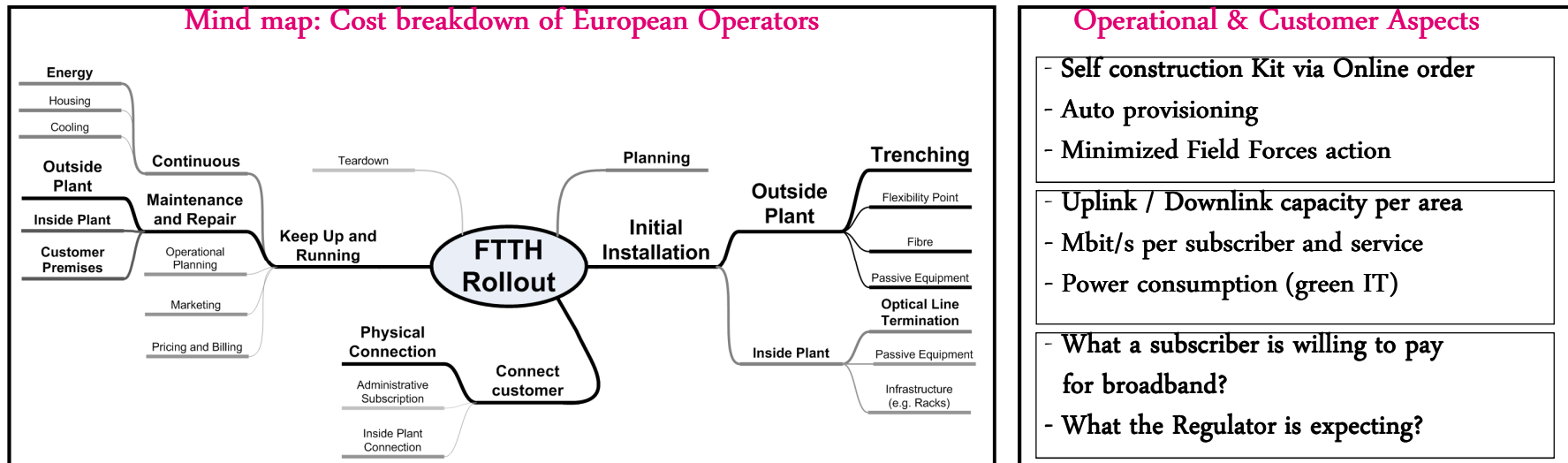
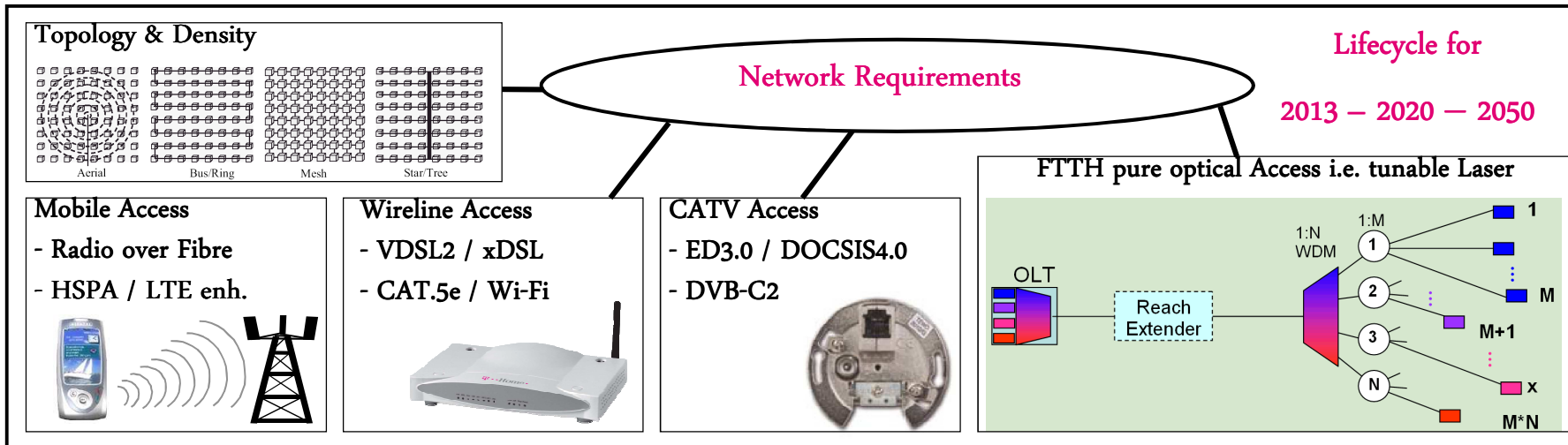
Establish an integrated project to assess and develop Next Generation Optical Access Network (NGOA) related solutions

- 3 years EU - FP7 supported program with Industry, R&D and University participants
- Implementable economical technology that is capable to provide
 - Integrated Fix & Mobile Access (also FMC) in the year 2020
 - Up to 1GBit/s per customer, up to 1000 customers per fibre feed and up to 100km transmission distance from Central Office
 - Lower Total Cost of Ownership (OPEX and CAPEX)
 - Shared infrastructure both in horizontal (i.e. fibre) and vertical (i.e. OSI layered model)
 - Harmonized with European Regulator and Concession policies
- Development of the most appropriate architecture for next generation access that scales up to millions of subscribers per area with optimum topological and functional split of core/transport, next generation access and home network.
- Development of an migration path and invest over time considering corporate decision criteria and associated risks.

Excellent partners participate in the 3 years project targeting Access in 2020.



OASE objectives regarding Access



Next generation Access will be assessed and developed for European needs.



Thank you for your attention.

