

# Investment and digital infrastructure

## Do we need new grand infrastructure schemes?

### FTTH rollouts: Where are we?

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# FTTH is progressing ... but not at the same pace everywhere

Worldwide FTTH/B leaders (million), December 2016



Source: IDATE DigiWorld, World FTTH market, August 2017

Top 10 FTTH countries in coverage in Europe



Source: IDATE DigiWorld for FTTH Council Europe, figures as of September 2016

# FTTH needs investments ... solutions ahead?

## Covering non dense areas and the last 10% where intense investment is needed

- Solution: Open Access and Public Funding to leverage Private investments? Co-investment?

## FTTH ARPU: large difference Europe vs USA

- Solution: Telco TV? Intense investments in content and sports?

## Also FTTH can address different markets

- Residential
- Enterprises with Cloud based services
- Backhaul for 5G numerous cell sites? ..... And competition with 5G Fixed Wireless?