

Fixed network - Main input parameters

Fixed network operator model – main input parameters

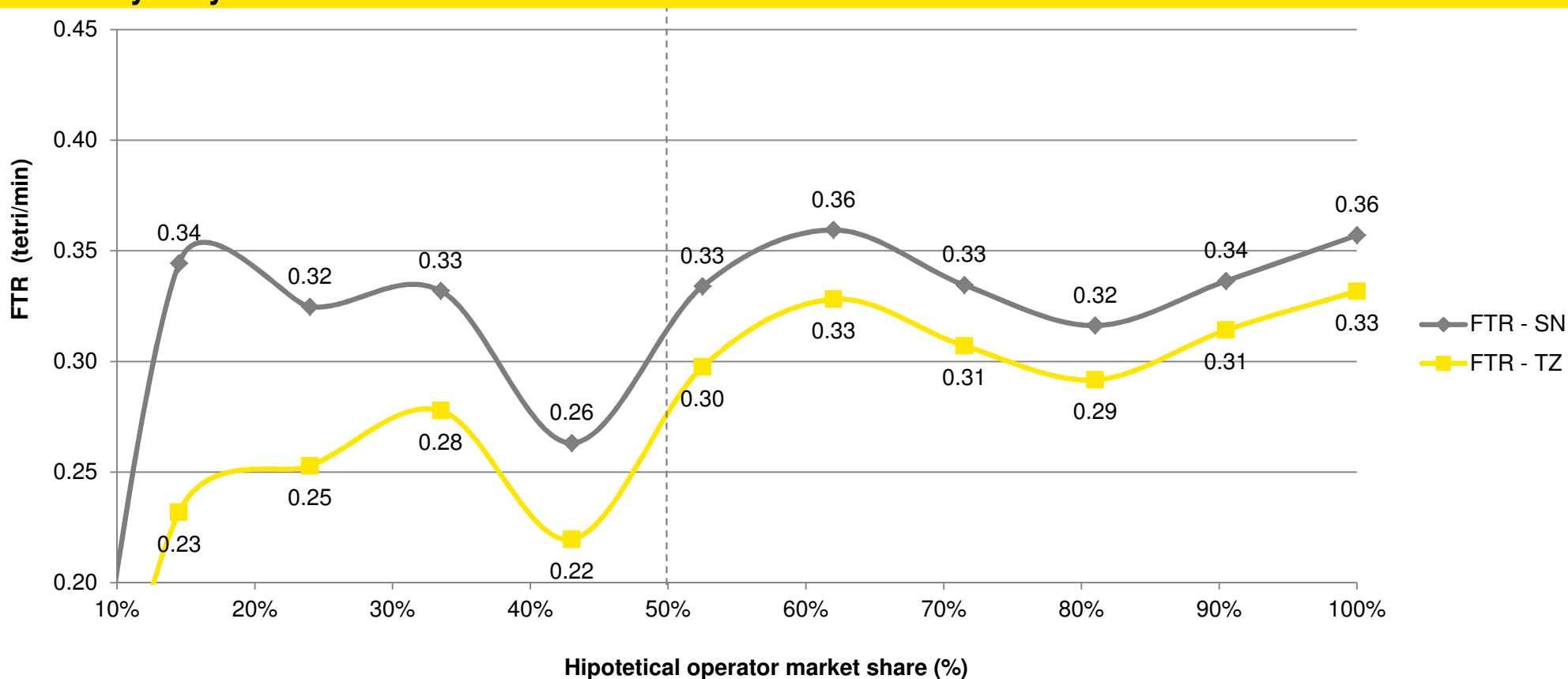
- ▶ Access technology: Mix of wireless (CDMA) and wired (copper, fiber) technologies
- ▶ Access nodes dimensioning:
 - ▶ Wireless access nodes (CDMA BTS) - scorched earth approach
 - ▶ Fixed access nodes (MSAN/DSLAM/ETH/OLT) - scorched node approach
- ▶ Core technology: MGW/Soft Switch
- ▶ Transmission technology:
 - ▶ CDMA backhaul – Ethernet microwave radiolines
 - ▶ Fixed and CDMA core – Ethernet / IP network
- ▶ CDMA network - utilizes 5MHz spectrum (UL+DL) and 100 % geographical coverage
- ▶ Hypothetical operator market share : 50%
- ▶ Interconnection: TDM MGW
- ▶ Economical:
 - ▶ WACC - 13,69%
 - ▶ Depreciation approach: annuity

Fixed network - Results and sensitivity analysis

Model results (excluding taxes)

Fixed call origination – local level	Tetri / minute	0,38
Fixed call origination – transit level	Tetri / minute	0,41
Fixed call termination – local level	Tetri / minute	0,28
Fixed call termination – transit level	Tetri / minute	0,32

Sensitivity analysis



Mobile network - Main input parameters

Mobile network operator model – main input parameters

- ▶ Access technology: Mix of 2G/3G/4G
- ▶ Access nodes dimensioning: scorched earth approach, Single RAN concept
- ▶ Core technology: MGW/MSS
- ▶ Transmission technology:
 - ▶ Backhaul – Ethernet microwave radiolines
 - ▶ Core – Ethernet / IP network
- ▶ CDMA network - utilizes 5MHz spectrum (UL+DL) and 100 % geographical coverage
- ▶ Interconnection: TDM MGW
- ▶ Hypothetical operator
 - ▶ Market share : 33%
 - ▶ Utilized spectrum (UL+DL): 2G – 33MHz, 3G – 30 MHz, 4G -30 MHz
 - ▶ Geographical coverage: 2G – 87%, 3G – 50%, 4G – 20%
- ▶ Economical:
 - ▶ WACC - 13,72%
 - ▶ Depreciation approach: annuity

Mobile network - Results and sensitivity analysis

Model results (excluding taxes)

Mobile call origination	Tetri / minute	1,44
Mobile call termination	Tetri / minute	0,75

Sensitivity analysis

