



5G and FTTH: Business Value & Strategy

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Outline

Network Mobile Broadband Facts

5G Evolution

IoT market outlook

IoT industry re-shaping

Fiber Installations

Wireless Fiber

Conclusions

CE Network Mobile Broadband Facts

Ready for 2023 MBB Challenge









Global Mobile Broadband Facts

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>60%

LTE

Subscriptions

footprint

2019

2020

2021

8.9 billion

5G

LTE

WCDMA/HSPA

GSM/EDGE-only

TD-SCDMA

CDMA-only

Other

2023







IoT market outlook

3.5 billion cellular IoT @ 2023





source: ERICSSON mobility report - November 2017



IoT industry re-shaping



OTE ΙΛΟΣ ΕΤΑΙΡΕΙΟ

Transformational impact in all industries, value chains & entire business configurations



IoT hot apps

smart city - smart environment - smart industry - smart agriculture - smart business



Smart Roads



source: Libelium

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IoT hot apps - Public

Typical applications & use cases



Alarms & Event Detectors (safety)











3rd FITCE Technology Forum 2019 IoT hot apps - Personal

Typical applications OTE labs





FTTH/ FTTB / FTTC







FTTH/ FTTB / FTTC Phase B









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Fixed wireless access in high frequency to create hot spots and also give access inside houses





- Starting as a mobile evolution, 5G will become a revolutionary enabler
- 5G will enable new functionality for people, societies, business & industries
- 5G will facilitate the deployment of huge numbers , applications of M2M and IoTs
- Fiber and 5G will work together

The new era is starting just now!







Thank you

Q & A



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