

# World FTTx Markets - Markets at June 2020 & forecasts to 2024

<https://marketpublishers.com/r/W8E9D44BB31EN.html>

Date: December 2020

Pages: 0

Price: US\$ 6,600.00 (Single User License)

ID: W8E9D44BB31EN

## Abstracts

Our observatory on World FTTx markets includes two deliverables:

1. A half-yearly updated dataset covering:

80+ countries & 200+ player sheets including their roll-out projects (bottom-up approach)

data for markets at June 2020 & forecasts up to 2024 for homes passed and subscribers by architecture (FTTH/B, VDSL, FTTx/Docsis 3.0)

2. A report analysing the developments in FTTx markets up to 2024.

It presents a geographical panorama of FTTx access solutions and superfast broadband markets in Europe, Asia, North America, Latin America, Middle East & North Africa, Sub Saharan Africa. It also includes an overview of the major world players in the field.

## DATASET SCOPE

List of indicators by country

Access indicators

Number of subscribers and homes passed per superfast architecture

Factoring in overlaps when applicable

FTTx as a share of total broadband customers

Leading superfast broadband players' market share

Breakdown of FTTH vs. FTTB technology (as % of Homes Passed)

Breakdown of Ethernet vs. PON technology (as % of Homes Passed)

Type of data

Historical data since June 2014 (twice yearly) per country

Updated data as at June 2020

Forecasts up to 2024

FTTx market consolidation at June 2020

Subscribers & Homes passed, breakdown by architecture

- FTTH/B
- VDSL
- FTTx/Docsis 3.0
- % of the different FTTx architectures in total fixed broadband market

Emerging FTTx markets

By country

- Current broadband market
- National regulation regarding FTTH/B & Government initiatives
- Details for main players
- FTTx Subscribers and Homes Passed at June 2020

Country sheets

88 country sheets including detailed data for +200 operators

- Number of Subscribers and Homes Passed at June 2020 (breakdown by architecture)
- Main architecture & technology deployed (in %)
- FTTx players market shares (in %)

- FTTx in total broadband (in %)
- Total sockets deployed
- National regulation regarding FTTH/B & Government initiatives

Within country sheet by operator:

- operator description

Fiber strategy

- Subscribers and Homes Passed by architecture, historicals until June 2019
- Deployment targets
- Financial Data (CapEx for FTTx)
- Technical data & contracts (main vendors)
- Services provided & Pricing

Network architectures

- FTTH/B
- FTTx/VDSL – FTTx/LAN
- FTTx/Docsis 3.x

Technologies

- NGPON
- Ethernet P2P
- GPON
- DOCSIS 3.0
- DOCSIS 3.1
- G.Fast
- EPON/GEAPON
- VDSL
- 10 GPON
- WDM PON

## **PLAYERS**

A1 Bulgaria (Mtel)

A1 Croatia

ACT Fibernet

Agni

AIS

Algerie Telecom

AlmaTV

Alta Kraftlag & Varanger Kraft

Altibox (Lyse)  
Amis / A1 Slovenia  
Andorra Telecom (STA)  
Angola Telecom  
Antel  
ARGE Glasfaser Waldviertel  
Asia Pacific Telecom  
Asturias Telecom  
AT&T  
Awasr  
Axtel  
Baltcom / IZZI  
Batelco  
BCE  
Beeline / Vimpelcom / VEON  
Bezeq  
BizNet  
Bouygues Telecom  
Broadnet  
BSNL  
BT  
BTCL  
Cable Operators  
Cablecos  
Cablevision  
CAT Telecom  
Cellcom  
Cgates  
Charter Communications  
China Mobile  
China Telecom  
China Unicom  
Chorus  
Chungwa Telecom  
Citycom / Graz  
CityFibre  
Claro  
Claro/Telmex Argentina  
CNT

Comcast  
COMTECO  
Converge ICT  
Copaco  
Cosmote / OTE  
Crown Fibre Holdings  
Damamax  
Dawiyat  
Deutsche Glasfaser  
Deutsche Telekom  
DNA  
Du  
eir - Eircom  
Elisa  
Entel  
ENTEL Bolivia  
ER Telecom  
ETB  
Etisalat  
Euskaltel  
EWZ Z?rinet  
Fastweb  
Fiber@Home  
Finnet  
FPT  
Globe Telecom  
GO Telecom  
GoranNet  
Grameen Cybernet Ltd  
GTD Group  
GWBN  
HGC  
HKBN / CTI  
HOT Telecom  
Hyperoptic  
i-Cable  
Ice Group  
IEC - IBC  
Illiad-Free

Inea  
Infotech  
Internet Solutions / MWEB  
Inwi  
ipNX Nigeria  
Iranian Net  
ITC  
ITPC  
Izzi  
J:COM  
Jamii Telecommunications  
JASEC  
Jordan Cable Services  
Karditsa / Optronics Technologies  
KaR-Tel  
Kazakhtelecom  
kbro  
KCOM  
KDDI  
KPN/ Reggefibre  
KT  
Kyivstar  
LG Uplus (LG Powercom)  
Libya Telecom Technologies (LTT)  
Liquid Telecom  
Magenta Telecom  
Magyar Telecom  
Maroc Telecom  
MASMOVIL  
Mauritius Telecom  
Maxis  
MGTS / MTS/ Comstar  
MNC Kabel Mediacom  
M-Net  
Mobily  
Mocambique Telecom (TMCEL)  
MTN Ghana  
MTN Nigeria  
MTNL

Multimedia Polska  
Municipalities  
NBN  
Neotel / Liquid Telecom  
NetCologne  
Netia  
Netlife  
Netsys  
NGNBN  
NOS  
Nova (ForthNet)  
Nowo  
NTT  
Nucleo -Personal  
Nuetel  
Nursat  
O2 - CETIN  
OBC  
Ogero Telecom  
Oi Telecom - Brazil Telecom  
Ollo  
Omantel  
ONATI  
ONO / Vodafone  
Ooredoo  
Open Fiber  
Orange  
Orange C?te d'ivoire  
Orange Jordan  
Orange Morocco - Meditel  
Orange Poland  
Orange Romania  
Orange Slovensko  
Orange Spain  
Orange Tunisia  
PCCW / HKT  
PHD  
PLDT  
PMT

Portugal Telecom  
Post Luxembourg  
Proximus  
Public Initiatives (RIP) & Others  
Puntonet  
QNBN  
Quickline Media  
Radius Infratel  
RanksTel  
RCS & RDS  
Retail Service Providers (RSP)  
Reykjavik Fibre Network (RFN)  
RIO Media  
Rogers Communications  
Rostelecom  
Safaricom  
Salzburg AG (CableLink)  
SBN  
SCIS  
SFR  
Shaw Communications  
Siminn / Mila  
SIRO  
SK Broadband  
Sky Cable  
SKY Italia  
Slovak Telekom  
SMART Comp  
Softbank BB  
Solidere  
Sonatel  
So-Net  
Spectranet  
STC  
Swisscom  
T2  
TCI  
TDC  
TE Data



Tele2  
Tele2 / Com Hem  
Telecom Argentina  
Teledata ICT  
Telefonica  
Telefonica / Vivo / GVT  
Telefonica Colombia  
Telefonica de Argentina  
Telefonica Movistar  
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Vodafone Ghana  
Vodafone Portugal  
Vodafone Qatar  
Vodafone Ziggo  
Voo  
Vox  
Voy  
VTEL Jordan  
Wananchi  
Wao  
Wilhelm Tel

Wind Hellas  
WindTre  
WTT  
Zain Jordan  
Zajil Telecom  
Zap Fibra

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