

光纖接達樓宇標籤計劃

Labelling Scheme for Buildings with Optical Fibre Access

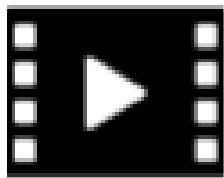


Telecommunications Users and Consumers Advisory Committee

29 June 2023



Optical Fibre Network Architecture : FTTH / FTTB



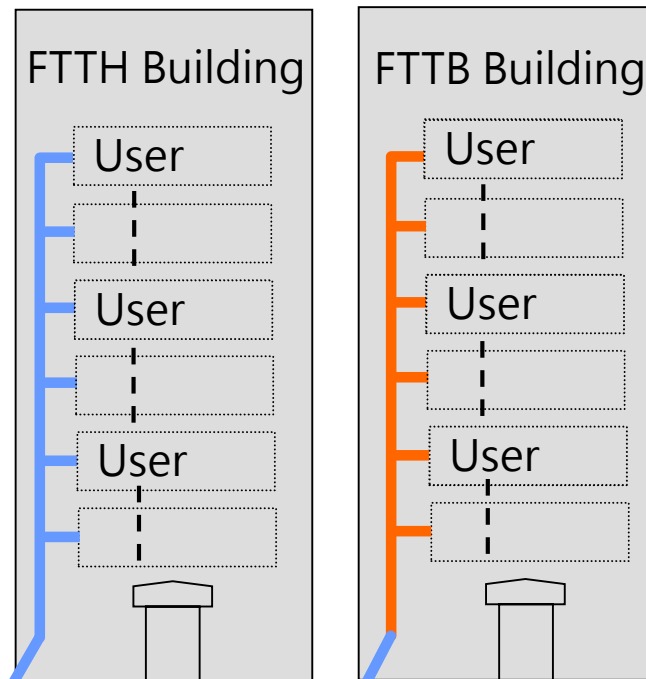
Fibre-to-the-Home (FTTH)

- Building installed with optical fibre network which terminates at individual users
- Data speed: up to 10 Gbps
- Download 1-hour 4K video in 20 sec



Fibre-to-the-Building (FTTB)

- Building installed with optical fibre network, which connects to individual users through physical medium other than optical fibre (such as copper wire)
- Data speed: up to several hundred Mbps
- Download tens of digital photos in 1 sec



Telecommunications network

— Optical fibre — Copper wire

Merits of Buildings with Optical Fibre Network

For Building Owners and Residents

High speed connectivity & Low latency

Stable & High capacity

Enhance the overall value and premium image of the building

For Building Management Office

Enhance management efficiency

Develop smart building facilities

Enable effective use of common parts of building such as conduits



Labelling Scheme for Buildings with Optical Fibre Access

- Launched in Nov 2022
- Objectives are:

To promote the merits of optical fibre access

To provide Information on optical fibre access of individual buildings

To promote development of smart buildings

To compile a register of buildings with optical fibre access

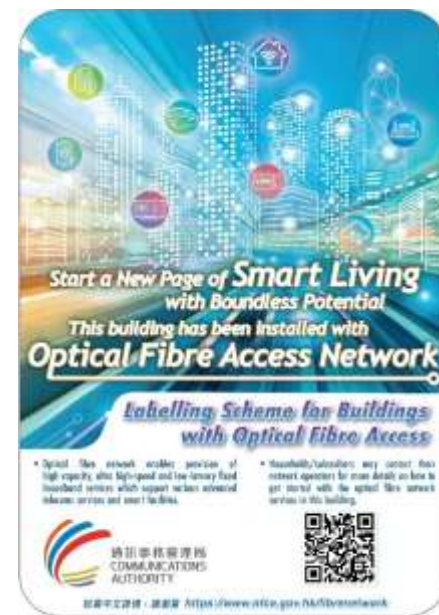
The Designated Label



For a registered building, the designated Label may be displayed in lobby or prominent location of the building to publicise its technological superiority in the way that the building has already been connected with optical fibre network for information of the residents and others



Subject to the conditions of use, a softcopy of the designated label may be downloaded and reproduced in any materials including notices, newsletters and websites relevant to the building at its own cost

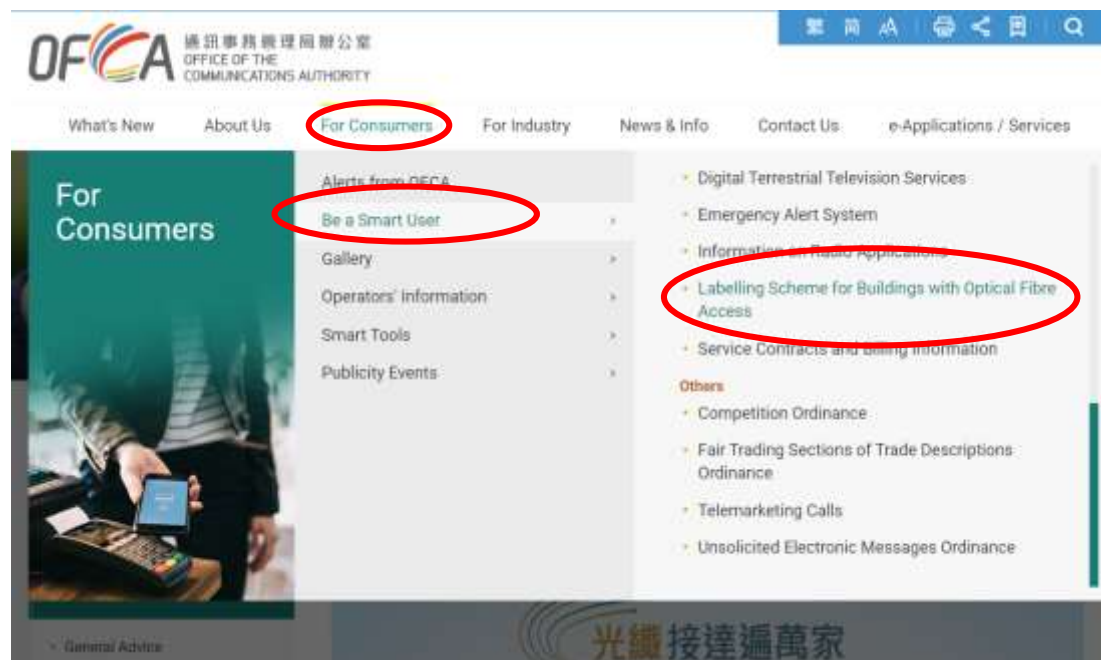


Thematic Webpage

<https://www.ofca.gov.hk/fibre/network/en>

Enquiry hotline : 8102 4100

OFCA webpage > For Consumers > Be a Smart User >



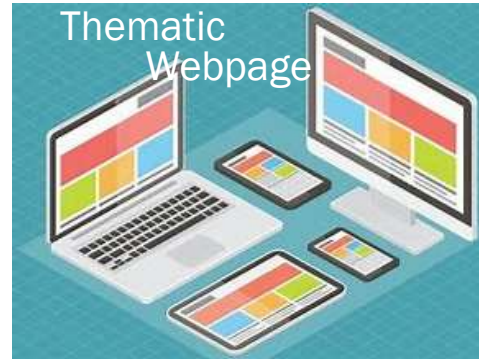
Publicity



Radio Announcement



Thematic Webpage



Social Media



Circular letters

- Issued over 16,000 circular letters with the designated labels to owners' corporations (OC) and building management offices (BMO)
- Issued circular letters to over 40 property developers in Hong Kong
- Issued circular letters to over 1,200 building owners/OC/BMO not yet registered under the scheme



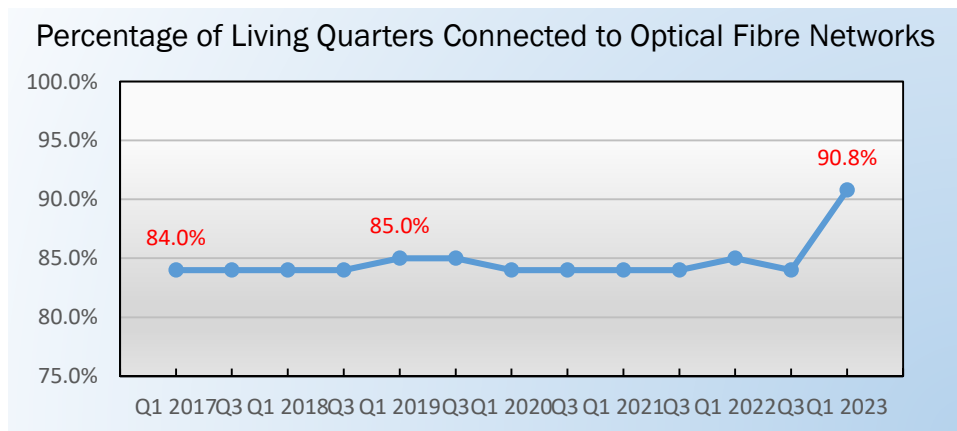
Poster



As of June 2023, the number of FTTH/FTTB buildings has exceeded 67,000, with over **90%** of living quarters connected with optical fibre networks !

Hong Kong's Leading Positions in Broadband Services

- According to FTTH Council Europe, Hong Kong ranked 4th globally in FTTH/B penetration rate in 2023*
- According to Speedtest Global Index, Hong Kong's fixed broadband internet speed is one of the fastest in the world, ranked 5th** in April 2023, with a median download and upload speeds of 205.19 Mbps and 148.56 Mbps respectively
- As of 2023 Q2, over 90% of living quarters in Hong Kong have been connected with optical fibre networks



Most of Buildings in Hong Kong have Optical Fibre Access



For illustration only

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2023 Airbus
Image © 2023 TerraMetrics
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The Register



Register of buildings connected with optical fibre networks

- OFCA complies a register based on information provided by fixed network operators, owners' corporations, BMO and property developers
- The register records the number of optical fibre networks in each registered building, the name and address of FTTH and FTTB buildings

Online Enquiry (searched by address or map)

- Webpage: app1.ofca.gov.hk/apps/ubs/index.asp?lang=en#fibre

The Register (2)

The screenshot displays the OFCA website's 'Interactive Zone' with three service tiles. The middle tile is highlighted with a red dashed circle. The OFCA logo and name are visible in the top left, and a '繁' (Traditional Chinese) language selector is in the top right. The navigation menu includes 'What's New', 'About Us', 'For Consumers', 'For Industry', 'News & Info', and 'Contact Us'. The 'Interactive Zone' header is centered above the tiles. The first tile features a map icon and the text 'Find the mobile coverage along hiking trails'. The second tile, circled in red, features a building and Wi-Fi icon and the text 'Check DTT coverage and fibre network coverage of your building'. The third tile features a Wi-Fi icon and the text 'Search nearby WiFi access points'. A pagination indicator at the bottom shows the second tile is active.

OFCA 通訊事務管理局辦公室
OFFICE OF THE COMMUNICATIONS AUTHORITY

繁

What's New About Us For Consumers For Industry News & Info Contact Us

Interactive Zone

Find the mobile coverage along hiking trails

Check DTT coverage and fibre network coverage of your building

Search nearby WiFi access points

Use of the Register

Databases for Broadcasting & Telecommunications Infrastructures

Building Search

Telecom / Broadcasting Infrastructure:

All Services

Building Details

Address: WAH LOK HOUSE, WAH FU (I) ESTATE, 15, WAH FU ROAD, SOUTHERN
地址: 南區華富道15號華富(一)邨華樂樓

Service Details


DTT Service
FTTB/H Service FTTH

Building Class: FTTH
Number of FTTB Network(s) installed: 2
Number of FTTH Network(s) installed: 3

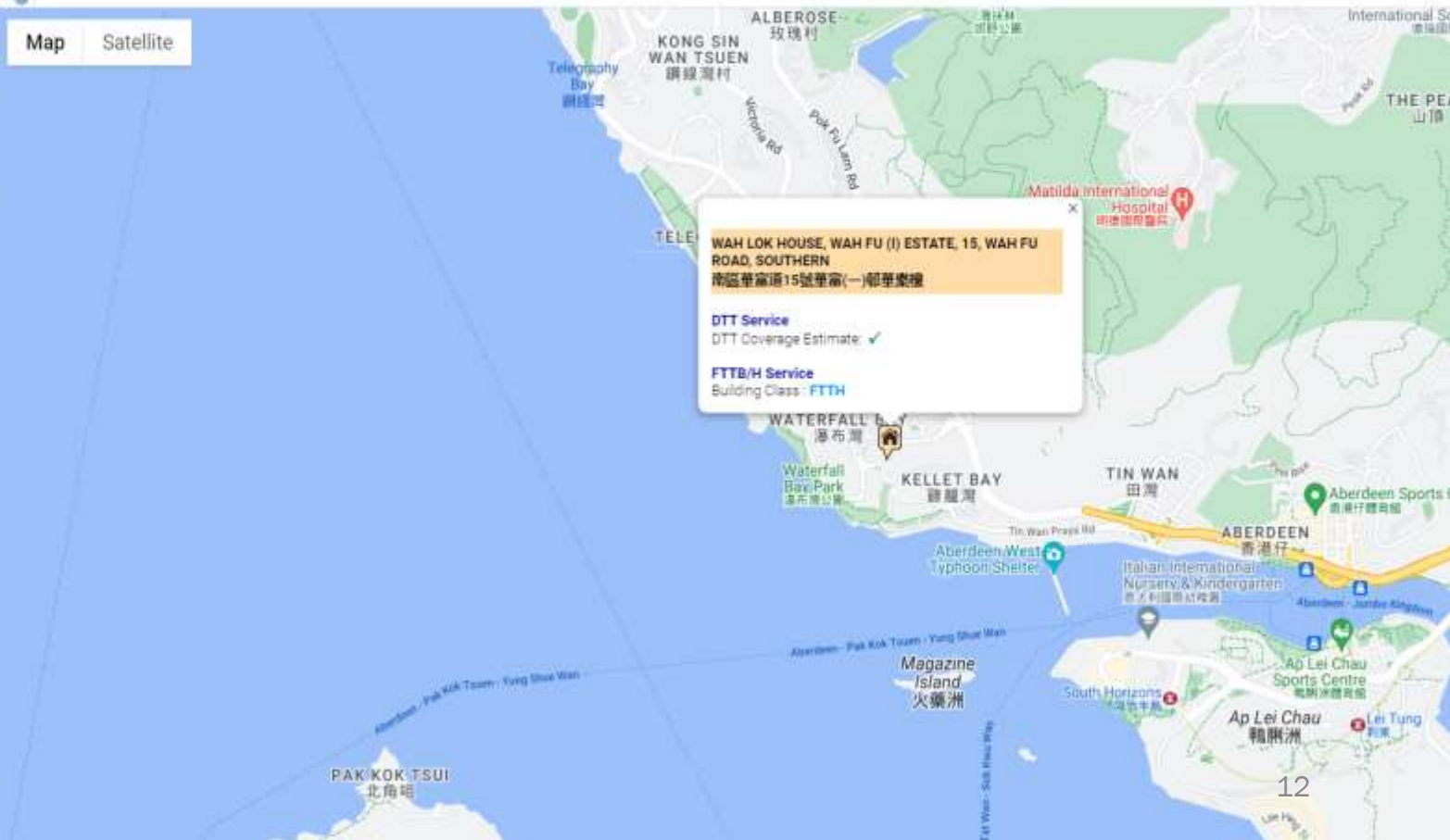
Remarks:

- Building Class
FTTB denotes Fibre-to-the-Building ("FTTB") Building where fibre network is installed and connected within the boundary of the building.
FTTH denotes Fibre-to-the-Home ("FTTH") Building where fibre network is installed and ready to be connected to individual subscriber's premises inside the building.
denotes building not yet registered under the Scheme. Fixed network operators and the incorporated owners / building management offices / owners ("IO/BMO") of the buildings are welcome to provide information to OFCA on the FTTB/FTTH status of the buildings.

For those who have any questions concerning the Scheme, please call OFCA's hotline at 8102 4100.

- For buildings listed in the Register, the Relevant Parties may request for a Designated Label from OFCA or reproduce it at their own cost, for display in the building to publicize the technological superiority, i.e. the building has already been connected to the optical fibre network. By reproducing, printing and/or using the Designated Label, the Relevant Parties concerned agree to be bound by the [Conditions of Use](#) 

[Back to Search Results](#)



Map Satellite

WAH LOK HOUSE, WAH FU (I) ESTATE, 15, WAH FU ROAD, SOUTHERN
南區華富道15號華富(一)邨華樂樓

DTT Service
DTT Coverage Estimate:

FTTB/H Service
Building Class: FTTH

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How to Register

- OFCA maintains close contact with fixed network operators to collect data on buildings with optical fibre access
- Collects relevant data from owners' corporations, BMO and property developers
- Compiles the Register based on various data sources



- Relevant organizations are welcomed to provide following information
 - ❑ Names and addresses of buildings connected with optical fibre
 - ❑ Network operator which provides optical fibre network access
 - ❑ Building class i.e. FTTH or FTTB
- Email : ftth-b@ofca.gov.hk

Thank you !

