open fiber

Company presentation

July 2025

Open Fiber: About Us

Open Fiber was established to develop a nationwide ultra-broadband fibre-optic infrastructure based on FTTH technology, covering all Italian regions.

As a wholesale-only infrastructure provider, Open Fiber is responsible for the design, construction, management and maintenance of the FTTH fiber network, ensuring the highest standards of efficiency and reliability.

Areas covered by Open Fiber's fiber-optic network

Black Areas
A/B

Competitive-market areas where at least two different ultra-broadband network providers operate, or are expected to operate in the near future, with services delivered under competitive conditions.

White Areas
C/D

Areas considered unprofitable by private operators and therefore lacking broadband and ultra-broadband infrastructure.

Grey Areas
SGA

Areas where a single network operator offering ultra-broadband services, where the rollout of an additional fiber network is considered unlikely.

16.7 million
FTTH-connected property units

155k km
of optical fiber infrastructure deployed

>3.5 million
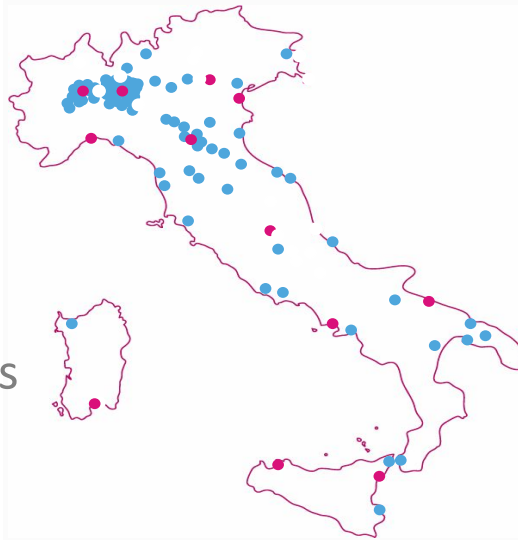Residential customers

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FTTx overview
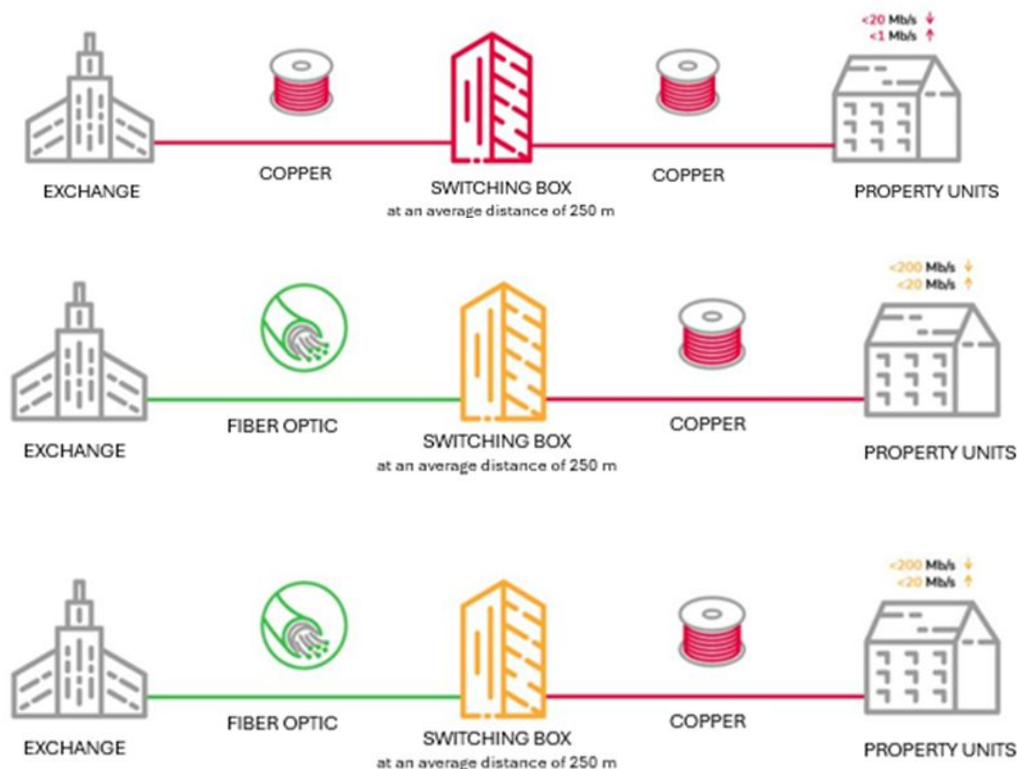
- **FTTx** (which stands for "**Fiber to the x**") is a broadband network architecture that uses **optical fiber to replace some or all of the traditional copper network.**

- The different categories **(ADSL, FTTC and FTTH)** offer **different levels of service quality** in terms of browsing speed, with varying implementation costs.

- **In FTTH ("Fiber to the Home"** the optical fiber reaches the user's property unit directly, **ensuring high-speed performance and excellent connection quality.**

- 60% electricity

Open Fiber Plan

Open Fiber oggi e al 2026

Black Areas or A/B	White Areas or C/D	Grey Areas - Italia 1 Giga Plan

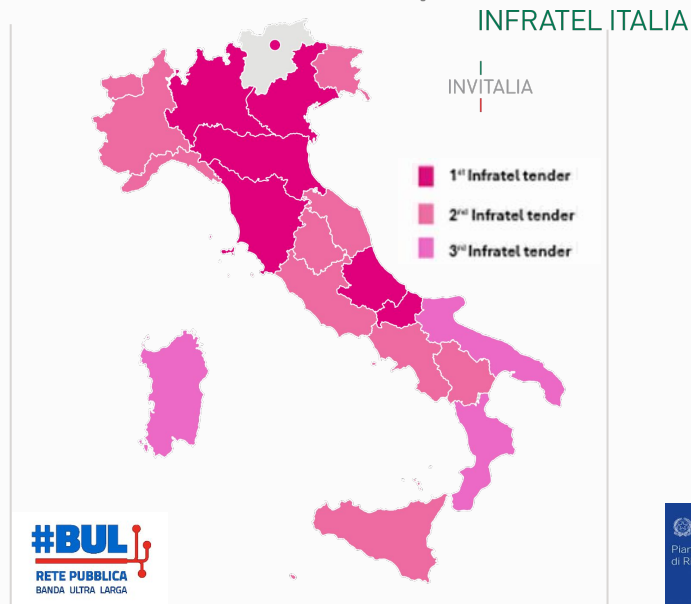Network investments deployed

~ € 10.2bn

Black Areas or A/B

~**240** medium and large **cities**

39,000 Km of infrastructure deployed

8,8 million PU covered with FTTH – A/B black areas

White Areas or C/D

INFRATEL ITALIA

INVITALIA

■ 1st Infratel tender
■ 2nd Infratel tender
■ 3rd Infratel tender

#BUL
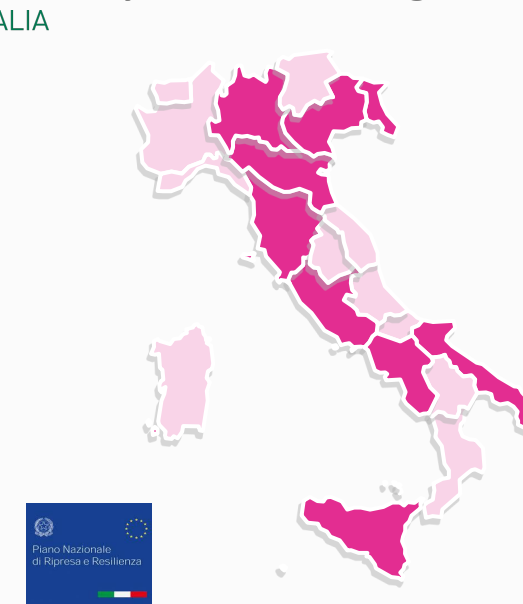RETE PUBBLICA
BANDA ULTRA LARGA

~**6,038 municipalities** across 20 regions with **FTTH**

~ **5,800 municipalities** with CUIR FTTH

88,400 Km of infrastructure deployed

6.3 million PU covered with FTTH - C/D white areas

Grey Areas - Italia 1 Giga Plan

Piano Nazionale di Ripresa e Resilienza

8 Lots awarded under the «Italia1 Giga Plan» - **9 Regions e 3,881 Municipalities** to be cabled by 30 June 2026

28,200 Km of infrastructure deployed

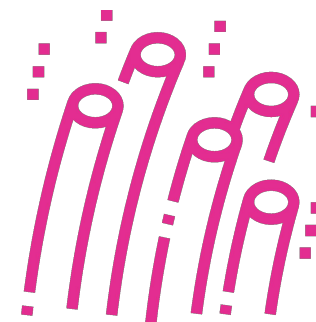**1,273 K** property units connected

1,6 million PU covered with FTTH - SGA grey areas

The Connectivity Targets

Italy
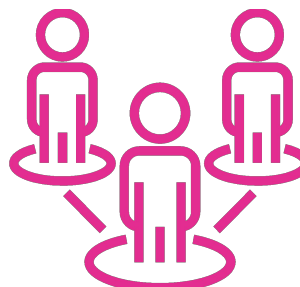**Italia 1 Giga Plan (2026):** 1 Gbps download and at least 200 Mbps upload for everyone.

European Union

Digital Compass 2030

1 Gbps for everyone

5G everywhere

A network serving …

…PEOPLE

- Home: home automation, HD streaming, gaming, videoconference

- School: remote and blended schooling, E-learning
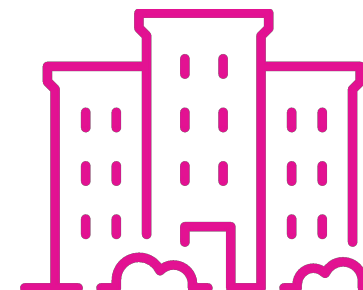
- Telemedicine

- Digital Public Administration

…BUSINESSES

- Digitisation and process innovation

- Smart working e telecommuting

- Cloud computing

…CITIES

- Territorial security and surveillance

- Electronic access control

- Public lighting and traffic flow management

- E-vehicles charging

- Digitisation of tourism services

Open Fiber in Black Areas

240 Italian **cities**
over **8.8 million** FTTH-connected property units,
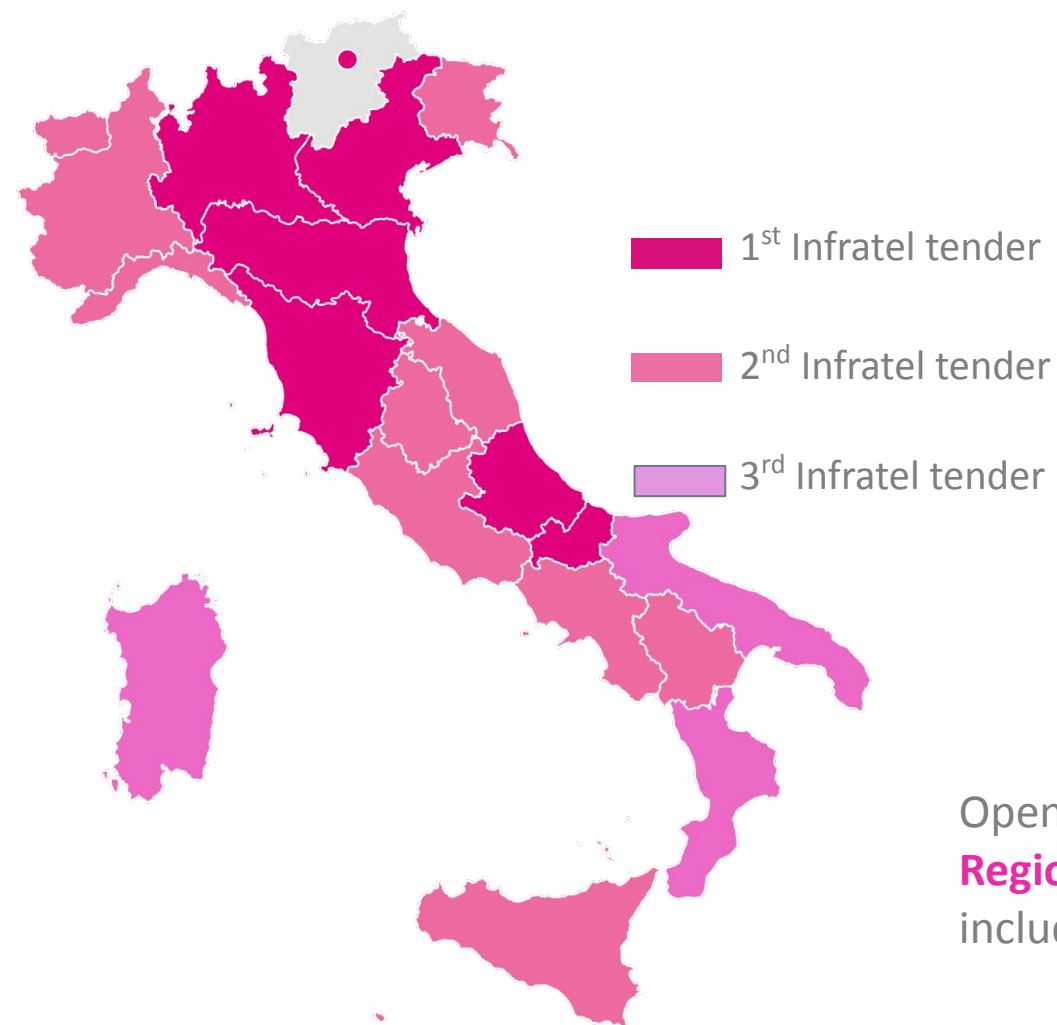approximately **4** billion euros to build
and develop the network

Fiber To The Home infrastructure
completed in Milan, Naples, Turin, Palermo, Bologna, Bari, Catania, Venice, Padua, Cagliari, Perugia and other medium-sized towns

Open Fiber in White Areas

Legend:
- 1st Infratel tender
- 2nd Infratel tender
- 3rd Infratel tender

- The **first public tender** involves building and operating an ultra-broadband network in Abruzzo, Emilia-Romagna, Lombardy, Molise, Tuscany, and Veneto.
- The **second Infratel tender** involves municipalities in 10 Regions (Piedmont, Valle D'Aosta, Liguria, Friuli-Venezia Giulia, Umbria, Marche, Lazio, Campania, Basilicata, Sicily) and the Province of Trento.
- The **third public tender** involves Calabria, Puglia and Sardinia.

Open Fiber will reach over **6,000 municipalities across all 20 Italian Regions**, connecting more than **6 million property units** with FTTH, including homes, businesses, and Public Administration offices.

Open Fiber in Grey Areas

- As defined by the European Commission, **grey areas** are those where only one network operator is present, and it is unlikely that a competing network will be rolled out in the near future.

- As part of the Italia 1 Giga Plan, the Government, through the Ministry for Technological Innovation and Digital Transition (MITD), has launched **public tenders** to ensure State support for implementing an ultra-fast network in these areas.

- Open Fiber was awarded 8 lots of public tenders involving more than **3,881 municipalities** in **9 Regions**: Campania, Emilia Romagna, Friuli-Venezia Giulia, Lazio, Lombardy, Puglia, Sicily, Tuscany, and Veneto.

Open Fiber for Sustainability

Open Fiber works daily to generate shared value, address environmental challenges, meet current and future social needs, and lead Italy to a position among the most technologically advanced countries in the world.
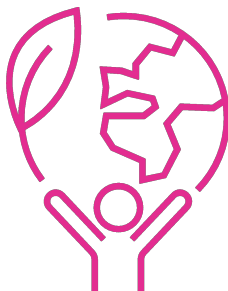
- **Sustainability Policy:** The Company aligns its mission with its commitment to conducting sustainable business and with ESG (Environmental, Social & Governance) principles.

- **Sustainability Strategy and Plan:** The Sustainability Strategy defines a set of pillars forming the basis of the Company's medium- and long-term ESG commitments. The Sustainability Plan, approved for the first time in 2024, implements the Strategy through specific objectives for each pillar and the related actions required to achieve them.

- **Net Zero Plan:** Approved at the end of 2023, this ambitious roadmap sets the target of achieving net zero emissions by 2040, in line with Open Fiber's firm commitment to decarbonisation. Since 2022, the Company has procured 100% of its electricity from renewable sources.

- **Sustainability Report:** Since 2021, Open Fiber has published an annual report outlining its approach to sustainable business and its contribution to technological innovation.

- **UN Global Compact Membership:** In 2024, Open Fiber joined the UN Global Compact, committing to apply universal sustainability principles and to support the United Nations' goals.

- **ESG Ratings and Certification:** Open-es, EcoVadis, GRESB and CDP are the main ESG ratings in which the Company is assessed. In 2023, Open Fiber became the first Company in Italy to obtain SGS ESG Certification, a non-accredited standard attesting to responsible ESG management.