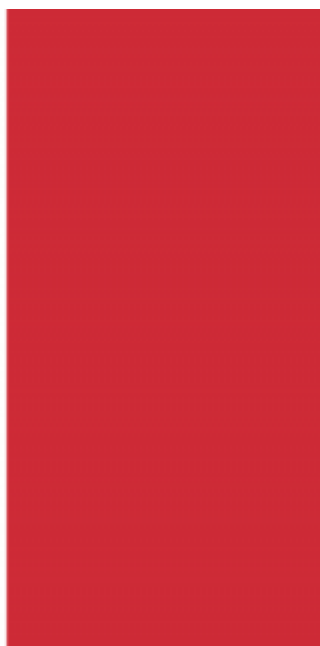
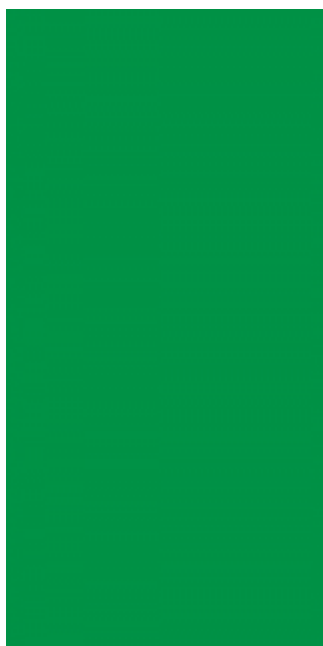


Broadband in Italy

The Italian strategy for next generation access network aims at developing a high-speed access network to maximise the take-up of an infrastructure able to guarantee services of 100 Mbps for at least 85% of households by 2020. Italy adopted a national state aid scheme to support ultra-broadband in areas where market failure is present.



Summary of broadband development in Italy

Italy's national ultra-broadband plan, the Strategy for next generation access network (Strategia Nazionale per la Banda Ultra-Larga, SNBUL), was approved by the Council of Ministers in March 2015. It aims at developing a high-speed access network to reach the 2020 Digital Agenda targets. In line with the SNBUL, Italy adopted a national state aid scheme, approved by the European Commission in June 2016, to support ultra-broadband in market failure areas. The first tender worth 3 billion EUR was assigned in June 2017 covering Abruzzo, Molise, Emilia Romagna, Lombardia, Toscana and Veneto regions. The second tender was assigned in November 2017 and covers the rollout of fibre-based networks in the regions Piedmont, Valle d'Aosta, Liguria, Friuli Venezia Giulia, Umbria, Marche, Lazio, Campania, Basilicata, Sicily and the autonomous province of Trento. The third and last tender for the provision of broadband infrastructure in unserved and underserved rural areas worth 103 million EUR was launched in April 2018 and covers the regions of Calabria, Puglia and Sardinia. An implementing decree for the "School Plan" and the "Family Voucher Plan", with EUR 600 million to be spent, was signed in August 2020.

The 5G band auctions for 700 MHz, 3.5 GHz and 26 GHz spectrum took place in 2018, with licenses

valid till end 2037. Vodafone and TIM launched 5G services in June 2019, Wind Tre in October 2020 and Iliad in December 2020.

National broadband plan and policy

Responsible authorities

- The department of Telecommunications (Comunicazioni) within the Ministry of Economic Development (MiSE, Ministero dello Sviluppo Economico) is the main body responsible for planning and implementing Italy's national broadband plan. MiSE is responsible for telecommunications infrastructures, adopts measures defined in the SNBUL and coordinates the activities of all the involved actors both public and private. It also manages the Italian National Registry of the infrastructures (SINFI).
- The Agency for Digital Italy (AgID) assists in domains related to issues of public administration, digital connectivity to public offices and special public users, and integrating connectivity with advanced digital services.
- The role of the public sector in the development of the entire ultra-broadband policy in Italy is coordinated by the Presidency of the Council of Ministers (PCM) through the Committee for the spread of high-speed broadband (COBUL), which is composed of the PCM, the MiSE, Infratel Italia Spa and AgID.
- AGCOM, the sector regulator, has consultancy tasks and acts within its domain of regulation of NGA access, price conditions and technical standards.

Main aims and measures for broadband development

The 2015 Italian strategy for next generation access network (SNBUL) has the general objective of developing a future-proof telecommunications infrastructure through the country. The plan intends to:

- bring connectivity with a minimum of 100 Mbps for up to 85% of the Italian population,
- guarantee coverage of at least 30 Mbps to all citizens,
- coverage of at least 100 Mbps for offices and public buildings,
- bring high speed broadband in the industrial areas.

The tools implemented within the SNBUL strategy are:

- administrative simplification and reduction of burdens,
- creation of tax exemption tools for infrastructures operations,
- stimuli for triggering demand,
- direct public sector execution of works in market failure areas,
- land registry creation (SINFI) to locate all the infrastructures above and below the ground.

A website detailing the strategy for ultra-broadband was launched in March 2016 in order to increase the transparency of the governmental action and to update the citizens step by step towards the 2020 targets.

National and regional broadband financial instruments

- State aid measure (SA41647(2016/N)): a planned total budget of EUR 4 billion composing of national and regional funds has been made available to build a passive public infrastructure managed with a wholesale-only model and opened to all the operators in areas where a market failure is present. Further measures are under study to match the desired targets in grey and black areas too.

- In August 2015, the inter-ministerial committee for economic programming (CIPE) committed a total amount of EUR 5 billion of public funding to sustain the SNBUL, allocating EUR 2.2 billion to cover the market failure (white) areas. In these white areas in particular, the state aid scheme provides a direct model of investment to build a passive public infrastructure managed with a wholesale-only model and open to all operators.
- EUR 5 billion of national funds (FSC) for actions including white, grey and black areas.
- EUR 1.6 billion from 18 ERDF Operational Programmes (POR) and 21 EAFRD Development Rural Programs (PSR).
- EUR 233 million from a National Operating Programme including funding of ultra-broadband investments to set up 100 Mbps connections of business companies and enterprises in industrial areas.

Data on broadband development and technologies in Italy

For the latest data on broadband coverage, subscriptions and penetrations, coverage of different broadband technologies and costs check the scoreboard reports and the country reports of the Digital Economy & Society Index (DESI).

Spectrum assignments for wireless broadband

For details on harmonised spectrum assignments consult the European 5G Observatory.

National publications and press documents

English

- Strategy for next generation access network 2015 (Strategia Nazionale per la Banda Ultra-Larga, SNBUL)
- Italian national state aid scheme – Strategia Banda Ultralarga
- Study on National Broadband Plans in the EU-28
- Europe's Digital Progress Report
- Broadband Connectivity Reports and Analyses
- Guide to High-Speed Broadband Investment
- Mobile and fixed broadband prices in Europe at the end of 2019
- Study on broadband coverage in Europe 2019

Italian

- Strategia italiana per la banda ultra larga 2015 (SNBUL)
- Sistema Informativo Nazionale Federato delle Infrastrutture (SINFI)

Interview with a regional Broadband Competence Office: BCO Trentino

Interview with a regional Broadband Competence Office: BCO Emilia-Romagna

Contact information

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Ministry of Economic Development (Ministero dello Sviluppo Economico)

Address: Via Veneto 33, 00187 Rome, Italy

Contact via email

Phone: +39 06 47051

Website

Agency for Digital Italy (Agenzia per l'Italia Digitale, AgID)

Address: Via Liszt 21, 00144 Rome, Italy

Contact via email

Phone: +39 06 852 641

Website

Authority for Communications Guarantees (Autorità per le garanzie nelle comunicazioni, AGCOM)

Address: Via Isonzo 21/b, 00198 Rome, Italy

Contact via email

Phone: +39 06 696 441 11

Website

Follow the latest progress and learn more about getting involved.

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Latest

WiFi4EU stories: an interview with the Mayor of Bissen, Luxembourg

The commune of Bissen, located in the canton of Mersch in central Luxembourg, has brought connectivity closer to its citizens by adhering to the WiFi4EU initiative. Following the steps of its capital city, Bissen wants people to benefit from the many opportunities brought about by digitalization, including having equal access to public information.

EVENT | 13 July 2021

WiFi4EU online workshop for WiFi Installation Companies

This one-hour online workshop is dedicated to WiFi Installation Companies involved in the WiFi4EU initiative. Its objective is to answer their questions in order to help overcome hurdles and accelerate network deployment. This workshop is an important opportunity in view of the approaching deadline, which risks the loss of municipalities' € 15,000 WiFi4EU vouchers.

NEWS ARTICLE | 08 July 2021

Digital Alps: Partnering with Broadband Competence Offices to build a digital connectivity roadmap for the Alpine Region

Mountain regions have much to gain from digitalisation and broadband connectivity. There is great potential for Smart Villages, SMEs, and access to online services in healthcare, education and much more. Mountain communities, however, face greater obstacles than most in becoming full participants in the European Union's Digital Decade. Their remoteness, in terms of distance and topography, combined with smaller populations, make them technically and financially challenging to reach with broadband infrastructure.

VIDEO | 18 June 2021

Rural connectivity for the health and management of beehives

In rural Latvia, an EU-funded start-up is using digital connectivity to promote healthy bee colonies and modern hive management. Thanks to €15,000 in LEADER funding covering two thirds of the total budget, Jānis Kronbergs developed the BeeKing app, which aims to help beekeepers – and especially newcomers – to learn from others, implement best practices and become more efficient. In this video, he explains the tool as well as its motivation, saying that “bees are very important for our nature, for pollination and biodiversity” and digital technologies can help beekeepers stay competitive.

Browse Broadband Europe

Related Content

Big Picture

Broadband in EU countries

Find current information on broadband development in each country, as well as national strategies and policies for developing broadband.

See Also

Broadband in Sweden

Sweden's national broadband plan, adopted in 2016, has the vision of an entirely connected Sweden and has goals for both mobile coverage and for high-speed broadband connections for households and businesses. By 2020, 95% of all households and companies should have access to...

Broadband - Sverige

Sveriges nationella bredbandsplan, antagen 2016, har visionen om ett fullt kopplat Sverige och har mål för både mobil täckning och för höghastighets bredbandsförbindelser för hushåll och företag. Fram till 2020 skulle 95% av alla hushåll och företag ha tillgång till bredband med...

Broadband in Spain

Digital connectivity and 5G rollout are among the ten strategic priorities of the Spain Digital 2025 Agenda.

Broadband - España

El objetivo de conseguir un 100 % de cobertura de Internet a 30 Mbps, con un 50 % de los hogares suscritos a conexiones de Internet por encima de 100 Mbps en 2020, está en línea con los objetivos establecidos en la Agenda Digital para Europa. Con el fin de aprovechar todas las...

Broadband in Slovenia

Slovenia's broadband aims are in line with the gigabit society targets.

Broadband - Slovenija

Slovenski širokopasovni cilji so v skladu s cilji gigabitne družbe.

Broadband – Slovenská republika

Slovenská republika si stanovila ako dlhodobý cieľ umožniť všetkým domácnostiam prístup k vysokorýchlostnému internetovému pripojeniu s rýchlosťou najmenej 30 Mbit/s do konca roku 2020.

Broadband in Slovakia

Slovakia has set the long-term objective of achieving access to high-speed internet connection with at least 30 Mbps for all households by the end of 2020.

Broadband in Romania

Romania's broadband plan focuses on building up a national broadband network as a first step towards achieving the targets set by the Digital Agenda for Europe.

Broadband - România

Planul României privind rețeaua de bandă largă se axează pe înființarea unei rețele naționale de bandă largă ca prim pas în atingerea țintelor stabilite de către Agenda Digitală pentru Europa.

Broadband in Portugal

Portugal's NGA coverage is slightly below EU average. The Agenda Portugal Digital aims at development of a digital infrastructure that allows citizens to take advantage of the new opportunities offered by technologies.

Broadband - Portugal

A cobertura NGA de Portugal está ligeiramente abaixo da média da UE. A Agenda Portugal Digital visa o desenvolvimento de uma infraestrutura digital que permita aos cidadãos tirar partido das novas oportunidades que as tecnologias oferecem.

Broadband in Poland

Poland's national broadband plan foresees that 100% of households should have access to internet connectivity of at least 30 Mbps by 2020. 50% of households should have internet connectivity of 100 Mbps by 2020.

Broadband - Polska

Polski Narodowy Plan Szerokopasmowy przewiduje, że do 2020 r. 100% gospodarstw domowych powinno mieć dostęp do internetu o przepustowości co najmniej 30 Mbps. Również do 2020 r. 50% gospodarstw domowych powinno korzystać z internetu o przepustowości 100 Mbps.

Broadband - Nederland

De Nederlandse overheid ondersteunt de doelstellingen van de Gigabit Society. Dat houdt in dat alle huishoudens in 2020 de mogelijkheid moeten hebben om een breedbandverbinding met een snelheid van tenminste 100 Mbps te gebruiken en een overgrote meerderheid zou tegen 2023...

Broadband in the Netherlands

The Dutch government supports the Gigabit Society targets. All households should have the

opportunity to access broadband networks of at least 100 Mbps and a vast majority should be taking advantage of 1 Gbps by 2023. Mobile networks must also be able to access basic services at...

Broadband in Malta

Malta's broadband policy is technology neutral and favours a competitive market environment.

Broadband - Malta

Il-politika ta' Malta dwar il-broadband hija waħda newtrali f'termini ta' teknoloġija u favur ambjent kummerċjali kompetittiv.

Broadband - Luxembourg

Die Entwicklung einer Kommunikationsinfrastruktur mit dem Ziel flächendeckende Gigabitzugänge zur Verfügung zu stellen, bildet einen der Schwerpunkte im Regierungsprogramm von Luxemburg.

Broadband in Luxembourg

The development of a communication infrastructure with a target of gigabit broadband access throughout the country is one of the priorities in the governmental programme of Luxembourg.

Broadband - Luxembourg

Le développement d'une infrastructure des communications avec pour objectif de fournir un accès haut débit en gigaoctet dans tout le pays est l'une des priorités du programme du gouvernement du Luxembourg.

Broadband in Lithuania

Lithuania's Next Generation Internet Access Development Plan focuses on direct state contribution to long-term infrastructure development, supports measures promoting private sector investments and seeks to foster an increase in demand for fast broadband access.

Broadband - Lietuva

Lietuvos naujos kartos interneto prieigos plėtros plane dėmesys sutelkiamas į tiesioginį valstybės indėlį į ilgalaikės infrastruktūros plėtrą, remiamos priemonės, kuriomis skatinamos privačiojo sektoriaus investicijos ir didinama spartaus plačiajuosčio ryšio paklausa.

Broadband in Latvia

Broadband facilitates the development of e-services for government, schools, commerce, health and business besides providing high-speed internet to residents, businesses and public administrations in Latvia.

Broadband - Latvija

Platjoslas sakari atvieglo e-pakalpojumu attīstību valdības, skolu, tirdzniecības, veselības aprūpes un uzņēmējdarbības vajadzībām, nodrošinot ātrdarbīgu internetu Latvijas iedzīvotājiem, uzņēmumiem un valsts pārvaldes iestādēm.

Broadband in Ireland

The national broadband plan for Ireland foresees that by 2026 all premises in Ireland will have access to high-speed broadband.

Broadband in Hungary

Hungary's National Digitization Strategy 2021-2030 aims at 95% of households covered by gigabit networks by 2030.

Broadband - Magyarország

A magyar Nemzeti Infokommunikációs Stratégia 2014-2020 célkitűzése, hogy 2018-ra a teljes lakosság számára legalább 30 Mbps, 2020-ra pedig a háztartások felének 100 Mbps sebességű, új generációs hozzáférési hálózati (NGA) lefedettséget biztosítson.

Broadband - Ελλάδα

Το Εθνικό σχέδιο ευρυζωνικής πρόσβασης επόμενης γενιάς 2014-2020 έχει ως απώτερο στόχο τη δημιουργία ευνοϊκού περιβάλλοντος για ιδιωτικές επενδύσεις σε δίκτυα επόμενης γενιάς, καθώς και την κρατική στήριξη σε τομείς για τους οποίους υπάρχει μικρό ή δεν υπάρχει καθόλου ενδιαφέρον...

Broadband in Greece

The Greek Digital Transformation Bible 2020-2025 highlights connectivity as one of the five strategic axes and acknowledges the Gigabit Society 2025 targets.

Broadband in Germany

The 2018 coalition agreement of the German Federal Government identifies the priority goal of a nationwide expansion of gigabit networks by 2025. The federal government has also developed a 5G

Strategy for Germany.

Broadband - Deutschland

Der Koalitionsvertrag 2018 der Bundesregierung sieht das vorrangige Ziel eines flächendeckenden Ausbaus von Gigabit-Netzen bis 2025 vor. Die Bundesregierung hat eine 5G-Strategie für Deutschland entwickelt.

Broadband in France

The national broadband programme France Très Haut Débit sets out the targets of fast broadband access for all households by 2022 and fibre for all by 2025.

Broadband - France

Le plan national français Très Haut Débit relatif à la technologie large bande vise à rendre le très haut débit accessible dans tous les foyers d'ici 2022. Le plan prévoit la fibre pour tous d'ici 2025.

Broadband in Finland

The Finnish authorities go for a competition-driven, fibre-based network roll-out assisted by public funds for underserved areas and advice for local municipalities on how to deploy broadband networks.

Broadband - Suomi

Suomen viranomaiset toteuttavat julkisin varoin tuetun kilpailuvetoisen, kuitupohjaisen verkon käyttöönoton alueilla, joilla palveluiden levinneisyys on alhainen, sekä tarjoavat kunnille laajakaistaverkot käyttöönottoa koskevaa neuvontaa.

Broadband in Estonia

Estonia has established basic broadband coverage throughout the country, and has brought its broadband targets for 2020 in line with those of the Digital Agenda for Europe.

Broadband - Eesti

Eesti on teinud lairibaühenduse baasteenuse kättesaadavaks kogu riigis ning 2020. aasta lairibaühenduse eesmärgid on kooskõlas digitaalarengu tegevuskava eesmärkidega.

Broadband in Denmark

A number of political initiatives aiming at nation-wide fixed and mobile broadband coverage support Danish broadband goals. The Government works towards making Denmark a digital frontrunner by creating a foundation for Danish businesses to exploit digital technologies.

Broadband - Danmark

En række politiske initiativer, der sigter mod landsdækkende fast og mobil bredbåndsdækning, understøtter de danske bredbåndsmål. Desuden arbejder regeringen for at gøre Danmark til en digital frontrunner ved at skabe grundlag for danske virksomheder til at udnytte digitale...

Broadband - Česká republika

Národní strategie České republiky má za cíl dosažení širokopásmového přístupu k internetu s rychlostí alespoň 30 Mb/s pro všechny obyvatel a alespoň 100 Mb/s pro 50 % domácností do roku 2020. Cílem je očekávat jak prostřednictvím investic soukromého sektoru, tak i veřejné podpory...

Broadband in the Czech Republic

The National Plan for the Development of Very High Capacity Networks, approved in March 2021, defines the strategic approach of the Czech Republic to the construction of VHCN.

Broadband - Κύπρος

Το ευρυζωνικό σχέδιο της Κύπρου έθεσε στρατηγικούς στόχους για την περίοδο 2016-2020 και ευθυγραμμίζεται με τους στόχους της κοινωνίας Gigabit. Η Κύπρος έχει υιοθετήσει αρκετά μέτρα από πλευράς ζήτησης με στόχο την τόνωση της ψηφιακής οικονομίας της.

Broadband in Cyprus

Cyprus' broadband plan sets strategic objectives for 2016-2020 and is aligned with the Gigabit Society objectives and the 5G Action Plan. It aims at Internet coverage with at least 30 Mbps for all households and businesses by 2020. In order to achieve the 2020 take-up target of...

Broadband in Croatia

Croatia's strategy contains basic principles such as service and technological neutrality, net neutrality and inclusion of broadband internet access among universal services.

Broadband - Hrvatska

Strategija Republike Hrvatske sadržava temeljna načela kao što su načelo neutralnosti u pogledu

tehnologija i usluga, mrežna neutralnost i uključivanje širokopojasnog internetskog pristupa u univerzalne usluge.

Broadband in Bulgaria

The National Broadband Infrastructure Plan for Next Generation Access "Connected Bulgaria" and the Policy in the field of electronic communications have been updated and adopted in August 2020.

Broadband - Република България

Националният план за широколентова инфраструктура за достъп от следващо поколение 2014 на България определя цели за широколентовия достъп в съответствие с Програмата в областта на цифровите технологии за Европа.

Broadband - Belgien

Belgiens Breitbandstrategie ist Teil der umfassenden politischen Strategie „Digital Belgium – Plan for Ultrafast Internet in Belgium 2015-2020“. Die Rahmenbedingungen des Belgischen Breitbandmarktes begünstigen einen marktgetriebenen NGN Ausbau. Ziel ist es, bis 2020...

Broadband in Belgium

Belgium's broadband strategy is incorporated into a broader policy strategy "Digital Belgium 2015-2020". The aim is to provide speeds of up to 1 Gbps to half of the country by 2020 and to facilitate a proactive 5G roll-out. By lowering costs and reducing administrative burdens...

Broadband - Belgique

La stratégie haut débit fait partie d'une stratégie politique plus large intitulée « Digital Belgium – Plan Internet très haut débit en Belgique 2015-2020 ». Le but est de fournir, à l'horizon 2020, un débit allant jusqu'à 1 Gbps à au moins la moitié des connexions établies en...

Broadband - België

De Belgische strategie op het gebied van breedband is bestanddeel van de bredere beleidsstrategie: "Digital Belgium - Plan for Ultrafast Internet in Belgium 2015-2020". Het doel is het leveren van snelheden tot maximaal 1 Gbps voor de helft van het land in 2020, het zorgen voor...

Broadband - Österreich

Österreichs Breitbandstrategie konzentriert sich auf die Bereitstellung von ultraschneller Breitband-

Übertragungsraten bis 2030. Bis Ende 2025 soll eine fast flächendeckende Verfügbarkeit von 5G erreicht werden.

Broadband in Austria

Austria's broadband strategy focuses on the nationwide supply of Gigabit connections by 2030. By the end of 2025, almost nationwide availability of 5G should have been realised.

Source URL: <https://digital-strategy.ec.europa.eu/policies/broadband-italy>