

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.

Summary of broadband development in Finland

Finland supports the construction of fibre networks in areas that lack business incentives to build high speed networks. The Digital infrastructure strategy 2018 supports the European Gigabit Society targets 2025, determines objectives for the development of the digital infrastructure in Finland by 2025 as well as the methods for achieving this objectives.

National broadband strategy and policy

The Finnish Government opts for a competition-driven, fibre-based network roll-out, with a special focus on and assistance for underserved areas (via public funds). Especially with regard to the latter, Finnish authorities advise local municipalities on how to set up entities dedicated to deploying broadband, e.g. by joint venture of multiple municipalities or in partnership with private operators. In terms of investments, funding is expected to come from state and municipalities. Towards the Internet of Things Broadband Implementation plan was published in June 2016. A Digital infrastructure strategy was published in October 2018.

Responsible authorities

- The Ministry of Transport and Communications (Liikenne- ja viestintäministeriö) is responsible for communications and broadband policy, including legislation, guidance and supervision of the administrative sector.
- The Finnish Transport and Communications Agency (Liikenne- ja viestintävirasto, Traficom) is an authority for licence, registration and approval matters. It ensures access to high-quality and secure communications connections and services.
- The Ministry of Agriculture and Forestry is the managing authority for the rural development programme of Mainland Finland and is responsible for broadband projects funded from the rural development programme.
- The Finnish Food Authority is responsible for the implementation and monitoring of broadband projects funded by the rural development programme.
- Regional councils, the Centre for Economic Development, Transport and the Environment and municipalities are also involved in the implementation of publicly subsidised broadband projects.

Main aims and measures for broadband development

In May 2012, the Finnish Government released an updated broadband action plan, albeit without

introducing major changes. Target-wise, 99% of all permanent residences and offices should be located within 2 km of a fibre optic or cable network that enables connections of 100 Mbps. In areas where such networks will not be built by market players, a range of local projects are implemented to expand coverage with the necessary middle-mile segments.

The Digital infrastructure strategy, published in October 2018 by the Ministry of Transport and Communications, determines objectives for the development of the digital infrastructure in Finland by 2025 as well as the methods for achieving this objective. By 2025 all households should have access to at least 100 Mbps connections. It should be possible to increase the speed of the connection to 1 Gbps. The entire 3.5 GHz spectrum will be taken into national use for wireless broadband from the beginning of 2019. Cost-efficient construction of optical fibre networks will be facilitated by streamlining the regulation on the placement of telecommunications cables. The permit procedure related to the placement of cables will be developed in connection with the drafting of the Highways Act.

The universal service broadband speed was doubled to 2 Mbps from the beginning of November 2015. The long-term goal is to increase the speed to 10 Mbps by 2021.

Data on broadband development and technologies in Finland

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 and EU publications and press documents

English

- Digital Infrastructure Strategy 2025
- Towards the Internet of Things Broadband implementation plan (2016)
- Study on National Broadband Plans in the EU-28
- Guide to High-Speed Broadband Investment
- Finland - country reports on performances in digitisation: connectivity, digital skills, digital public services and more
- Mobile and fixed broadband prices in Europe at the end of 2019
- Study on broadband coverage in Europe 2019

Finnish

- Digital Infrastructure Strategy 2025
- Towards the Internet of Things Broadband implementation plan (2016)

Interview with the national Broadband Competence Office

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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 in Spain

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

Agenda.

Broadband in Slovenia

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

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 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 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 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 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 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 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 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...

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 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 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 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 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 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 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 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 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 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.

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