

#DSM  
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# Digital Single Market

## MORE AND BETTER INTERNET CONNECTIVITY REQUIRES INVESTMENTS IN HIGH SPEED & QUALITY NETWORKS

At work, at home or on the move, Europeans expect an internet connection that is fast and reliable. Encouraging investments in very high-capacity networks is increasingly important for all sectors but in particular for education, healthcare, manufacturing or transport. **All main socio-economic drivers will need access to extremely high – gigabit – connectivity** at every corner of the EU. These objectives can only be achieved with massive investments, mainly from private sources, but also some support will be needed from public sources.

### WHAT IS THE SITUATION TODAY FOR CITIZENS AND BUSINESSES?

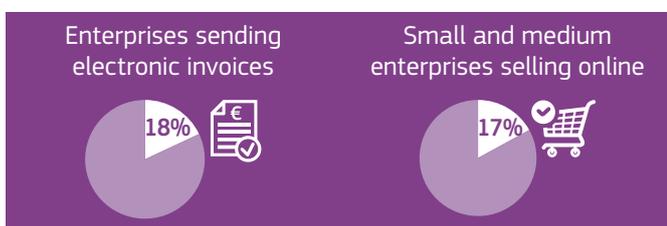
#### HOW DO PEOPLE CHOOSE AN INTERNET PROVIDER?



#### HOW MANY PEOPLE HAVE FAST INTERNET ACCESS?



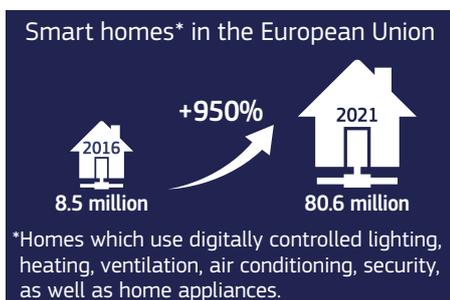
#### EUROPEAN BUSINESSES ARE INCREASINGLY ADOPTING DIGITAL TECHNOLOGIES



#### WHAT ABOUT SUPERFAST INTERNET COVERAGE (fiber internet)?



### WHAT IS THE FUTURE?



The **deployment of 5G** is expected to generate €213 billion in revenues worldwide in 2025 and could lead to €113 billion in benefits per year across these sectors:

- automotive
- health
- transport
- energy

## EU CONNECTIVITY TARGETS FOR 2025



100 Mbps  
↓  
Gbps

100 Mbps  
in all EU households  
which can be upgraded  
to Gbps



All urban areas,  
major roads, railways  
By 2020,  
5G available in at least  
one major city in  
each EU Member State



1 Gbps

1 Gbps in schools,  
universities, research  
centres, transport hubs,  
hospitals, administrations  
enterprises as leading  
intensive users of digital  
networks.

## EU CONNECTIVITY TARGETS CAN ONLY BE ACHIEVED WITH MASSIVE INVESTMENT

To achieve the objectives of the 2025 “Gigabit” Society, it is necessary to invest €500 billion in very large networks. This money will largely have to come from private sources. Based on the current trend, there will be a deficit of €155 billion. These are the reasons why it is important to agree on a sound legal framework that favours investments in the EU.

Reaching EU connectivity objectives requires



€500 billion  
investment  
by 2025

Private investment needs



public support in less profitable areas

The investments triggered could boost



+€910 billion  
GDP by 2025

These investments will help creating



2.3 million new jobs  
by 2025

## WHAT DOES THE EUROPEAN COMMISSION PROPOSE TO BOOST INVESTMENTS?

The European Commission proposes to set up a sound legal framework: the new **European Electronic Communications Code**. Compared to the existing legal framework, the new Code will:

- Oblige regulators to **map network investment** intentions and organise **calls for interest for network deployment** in less attractive areas.
- **Investment-friendly regulation** (while providing necessary competition safeguards) where rival operators **co-invest in very high-capacity networks** and make it easier for smaller players to be part of investment projects, thanks to the pooling of costs, the overcoming of scale barriers, etc.
- **Make the investment case more predictable** for “first movers” who take the risk to invest in the networks in less profitable areas, such as rural areas.
- Make it easier for investors to **scale up across borders** thanks to a **greater coordination of the assignment of radio spectrum**, a key resource for wireless communications.

If co-legislators agree on a text that keeps the main features of the Commission’s proposal, then Europe will have the right legal framework in place which will boost the network investments necessary for the European Gigabit Society to flourish.