



European  
Commission

# GIGABIT CONNECTIVITY

FAST, SECURE AND EFFICIENT  
NETWORKS ARE ESSENTIAL FOR EUROPE  
TO LEAD THE DIGITAL TRANSITION

#DigitalEU #GigabitEU

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To support *growing needs for very fast connections*, Europe will have to invest, extend and upgrade its infrastructure to gigabit networks – everywhere.

## New actions to deliver Gigabit connectivity:

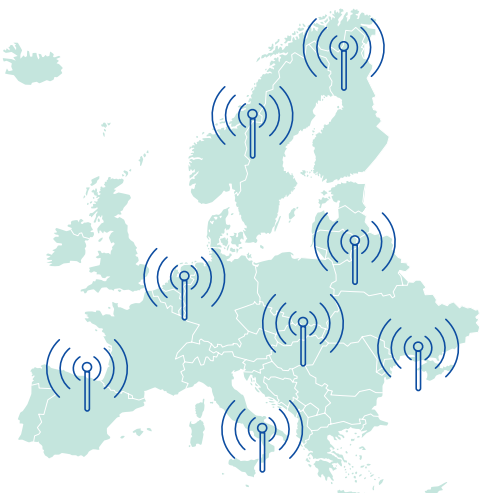


The proposed **Gigabit Infrastructure Act** to reduce costs for faster rollout of Gigabit networks ( $\geq 1$  Gbps speeds).



The **draft Gigabit Recommendation** for national regulators to use the tools at their disposal to protect competition, while incentivizing faster network deployment and rewarding investments.

**Europe** set a course for the 2030 Digital Decade: make Gigabit connectivity available for all citizens and businesses.



## Connectivity as backbone of EU digital ambitions:

*To stay ahead of transformative technological developments, we need to ensure that the right infrastructure is in place and that funding is adequate and effective.*



An **exploratory consultation** aims to gather views on potential future developments of the connectivity sector and infrastructure.

## Connectivity enabled technologies:



**Connected devices**



**Augmented and immersive reality**



**Blockchain**



**Digital twins**



**Cloud computing**



**Artificial intelligence**



**Edge computing**



**Quantum computing**

