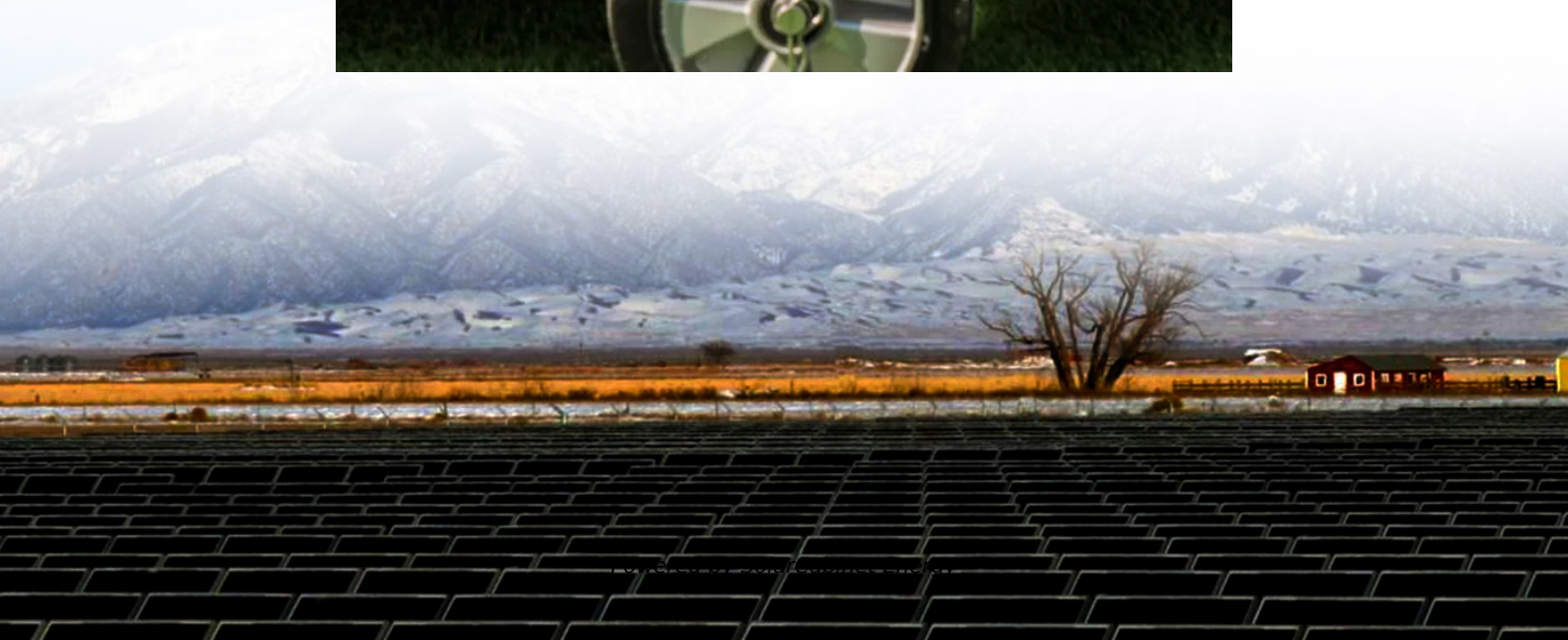


Aren t there many 5G base stations in Eastern Europe





Overview

Does Europe have 5G?

The rollout and expansion of 5G networks across Europe have been advancing significantly in recent times. Several operators have announced new milestones in their 5G coverage. However, some countries have lagged significantly behind the EU average in different aspects such as coverage, bandwidth, and speed. First of all, what do we mean by 5G?

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What is the European 5G Observatory?

The European 5G Observatory covers the 27 EU Member States, and 20 additional non-EU countries, offering a comprehensive view of 5G developments across Europe and beyond. Why use the European 5G Observatory?

Fifth generation mobile communications (5G) is a key technology for digital communication and thus socio-economic development.

Is 5G sluggish in Europe?

The deployment and adoption of 5G SA in Europe remain sluggish, increasing slowly from a very low base and further widening the region's gap with North America and Asia. Spain stands out as a clear leader in 5G SA deployment, reaching an 8% Speedtest® sample share compared with the EU average of just 1.3% as of Q2 2025.

Which EU countries have the best 5G coverage in 2023?

Regarding mid-band 5G coverage, specifically the 3.4–3.8 GHz range, the EU average was 50.6 per cent in 2023. Finland, Italy, and Denmark led with over 85 per cent coverage. More than half of the EU countries reported less than 50 per cent coverage of households in this mid-band, including Germany.



When will 5G be available in the EU?

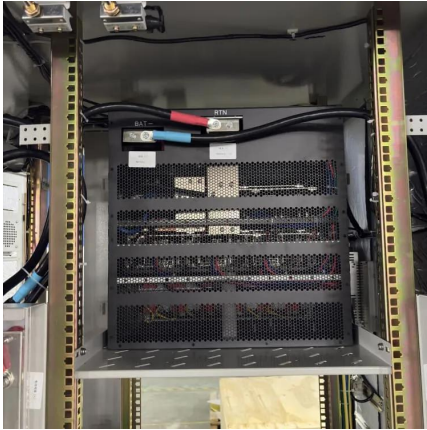
As per the EC 2016 5G Action Plan, countries across the EU were meant to make low-band spectrum available for use by June 30, 2020, and mid- and high-band spectrums by December 31, 2020. At the EU level, there are three 5G pioneer bands as follows:.

Which countries have the best 5G coverage?

The report considers publicly available data on 5G coverage, connection speeds, and the extent of developments in private networks in the countries that disclose the respective data. The report also presents a tool for scoring network coverage and speeds, highlighting countries such as Italy, the Netherlands, and Denmark with almost 100% coverage.



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[State of 5G in EU: 66% population coverage achieved in EU27](#)

Only the total number of 5G base stations is known for some EU countries. This means the true total number of base stations in the EU in 700 MHz, 3.6 GHz or DSS bands may be higher, the ...

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