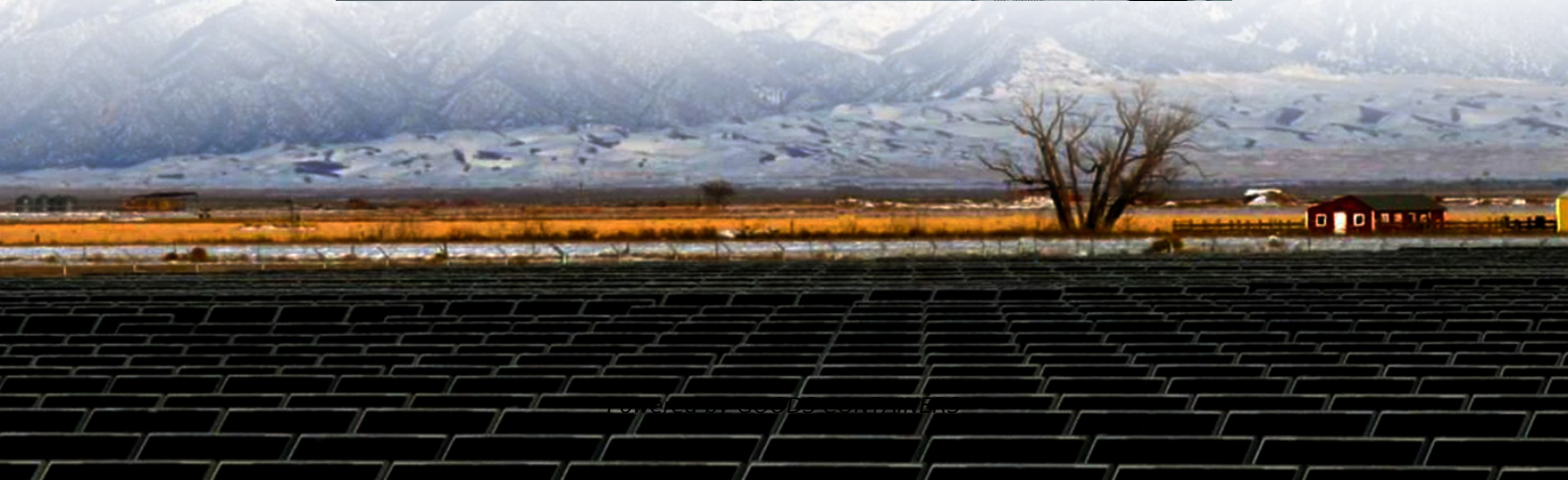


Latest situation of 5G base station construction in Western Europe





Overview

Does Europe need a 5G base station?

Europe's score on the network pillar highlights the need to accelerate the deployment of 5G base stations (with 11 of the 15 European countries included in the 5GI scoring lower than 30 on this indicator). Europe fares better on coverage: 24 European countries reported over 90% 5G population coverage by the end of 2024.

What is the European 5G Observatory?

The European 5G Observatory tracks progress in 5G infrastructure deployment across the EU and other regions worldwide according to base stations deployment, edge nodes and infrastructure sharing agreements. Source: IDATE estimates and regulators' data. Reporting period: at December 2024. Source: IDATE estimates and regulators' data.

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.

Will 5G boost Europe's economy by 2030?

By 2030, the GSMA claims it will provide an additional €164 billion boost to the overall economy, with 80% of the continent's connections forecast to be 5G, compared to 4G's 18%, by the end of this decade.



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[Europe 5G Base Station Market Size & Outlook, 2030](#)

The 5g base station market in Europe is expected to reach a projected revenue of US\$ 44,815.4 million by 2030. A compound annual growth rate of 33.8% is expected of Europe 5g base ...

[Europe 5G Base Station Market Size](#)

The 5g base station market in Europe is expected to reach a projected revenue of US\$ 44,815.4 million by 2030. A compound annual growth rate of 33.8% is expected of Europe 5g base station market from 2024 to 2030.



[5G indicators: infrastructure deployment , Shaping Europe's ...](#)

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