

## Kongres Container

# Germany 5G base stations and power grid

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## Overview

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What is the 5G strategy?

The 5G Strategy of the Federal Government describes the context and the fields of action with regard to the rollout of 5G networks in Germany over the period to 2025. It is our aspiration to make Germany a lead market for 5G applications. We are supporting this objective by taking specific measures in the fields of action:

What is the 5G initiative for Germany?

In the autumn of 2016, the Federal Government launched its 5G Initiative for Germany, which represents a framework for action that is to support the deployment of 5G networks and the development of 5G applications at an early stage.

Does Germany have a 5G network?

The German Federal Network Agency allocated frequencies in the 3.7 to 3.8 GHz and 26 GHz bands for local 5G purposes, with more than 140 companies now able to operate their own local networks. There is no obligation for nationwide spectrum holders to enter into a national roaming agreement with local 5G network operators.

What makes Germany a 5G lead market?

Fields of action for Germany as 5G lead market Against the backdrop of the digital transformation of society and the economy, the comprehensive availability of digital infrastructures in cities and rural regions is becoming the decisive strategic location factor. This applies, in particular, to the successful introduction and spread of 5G.

How is Germany preparing for 5G?

From the provision of test radio frequencies to the timely provision of frequencies for the commercial rollout, the Federal Government is undertaking

a series of measures to enable the earliest possible use of 5G technology in Germany.

What is a 5G Spectrum in Germany?

However, unlike low-range frequencies, their coverage is very limited, which is why these networks are confined to local areas. Today, mobile communications operators in Germany can already make use of a spectrum of more than 1000 MHz. As soon as 5G transmission and reception technology is available, this spectrum can also be used for 5G services.

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