

## Kongres Container

# Belgian Communications shuts down 5G base stations for power outages



## Overview

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How good is 5G in Belgium?

The study, conducted in Q4 2024, analysed the 5G performance of three major Belgian operators—Proximus, Orange, and Telenet—through 10,000 tests and 300,000 radio samples. Proximus and Orange emerged as joint leaders in Quality of Experience (QoE), with scores of 4.168 and 4.166 out of 5, respectively.

Could a 5G power outage be a disaster?

Telecom infrastructures are connecting our society, but power outages could be a disaster because even the smallest fluctuation in power could result in communication blackouts or network failures. Investing in a telecom battery backup system is always one of the priorities for telecommunication operators in the 5G era.

Does Brussels have the weakest 5G experience in Europe?

MedUX's broader European analysis, set to be published in February, suggests that Brussels has one of the weakest 5G experiences in Europe. The EU aims for uninterrupted 5G coverage in all urban areas by 2025, but Brussels is far from meeting this target.

Does Brussels have 5G?

Brussels' 5G availability averages just 36%, significantly trailing behind other major European capitals in high-speed connectivity. Brussels is trailing behind other major European cities in the rollout and performance of 5G networks, according to a new report by telecommunications analytics firm MedUX.

Will 5G be available in Brussels by 2025?

The EU aims for uninterrupted 5G coverage in all urban areas by 2025, but Brussels is far from meeting this target. The report highlights that high-quality 5G, defined by mid-band spectrum deployment, is significantly behind

schedule, with Stand-Alone (SA) 5G deployments lagging even further.

What happens during a power outage?

During a power outage, a curious "dance of icons" can be observed on mobile phone screens. Typically, the signal goes from 5G or 4G to older technologies like 3G or even EDGE (the famous "E") This happens because, as modern high-speed stations go down, devices automatically search for any available standard, even if it's much slower.

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