

# **Burundi communications and 5g base stations**





## Overview

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Is Burundi lagging behind in the development of telecommunications?

Compared to the United States, Burundi is massively lagging behind in the development of telecommunications. Under the country code +257, there were a total of 7.49 million connections in 2022. Among them were 7.47 million mobile phones, which corresponds to an average of 0.58 per person. In the US, this figure is 1.1 mobile phones per person.

Are cell phones a problem in Burundi?

All fixed connections via DSL, cable or satellite were counted here, but not those connected to the internet via mobile communications. The increasing prevalence of cell phones and the simultaneous decline in landline phones clearly indicate a change in Burundi.

Does Burundi have a good internet connection?

Burundi is lagging behind in the expansion of broadband internet connections. Around 6 percent of all residents have access to the internet. Around 0 percent have their own fast internet connection, which is at least faster than the former ISDN (more than 256 kbit/s).

How fast is broadband Internet in Burundi?

With an average download speed of 5.4 Mbit/second for fixed-network broadband internet, Burundi ranks 178th in an international comparison. The upload rate was only 5.0 Mbit/second (169th place). The Speedtest Global Index published regularly by Ookla is based on several million individual measurements in October 2023 from 182 countries.



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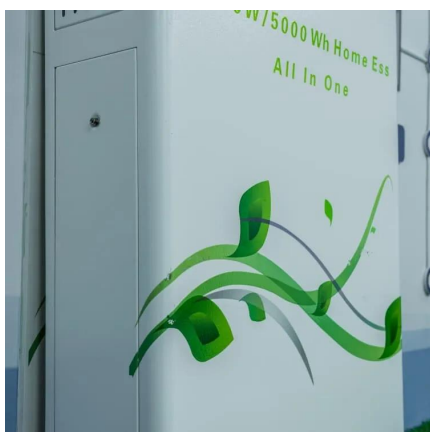
### [BURUNDI: THE ROADMAP OF 5G , JNM GLOBAL](#)

Sep 20, 2022 · To prepare Burundi for the imminent introduction of the fifth generation of mobile communications technology (5G), the ARCT has just developed a roadmap that describes ...



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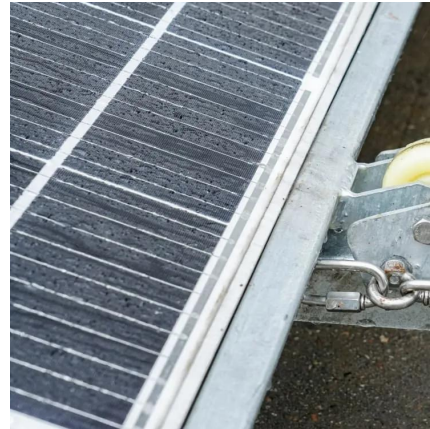
Will the 5G mobile communication infrastructure contribute to the smart grid? In the future, it can be envisioned that the ubiquitously deployed base stations of the 5G wireless mobile ...



### [Burundi communications and 5g base stations](#)

Energy-efficiency schemes for base stations in 5G In today's 5G era, the energy efficiency (EE) of cellular base stations is crucial for sustainable communication. Recognizing this, Mobile ...





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Jul 7, 2023 · Burundi's Telecommunications Regulation and Control Agency (ARCT) has earmarked July 2024 as a target for the launch of commercial 5G in the market. In its recently ...



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## [Analysis of Mobile and Internet Network Coverage ...](#)

Mar 1, 2024 · The number of mobile base stations is gradually changing according to the type of technology, the analysis indicates that the number of 2G network base stations remains ...

## [Burundi's telecom agency unveils roadmap for 5G services](#)

Jul 4, 2023 · Burundi's Telecommunications Regulation and Control Agency (ARCT) has announced its plan for implementing 5G services in the country. Their roadmap aims to ...



## [Burundi 5G communication base station energy storage ...](#)

Nov 27, 2025 · Overview A significant number of 5G base stations (gNBs) and their backup energy storage systems (BESSs) are redundantly configured, possessing surplus capacity ...



## Telecommunication in Burundi

Mobile communications and Internet in Burundi Compared to the United States, Burundi is massively lagging behind in the development of telecommunications. Under the country code ...



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