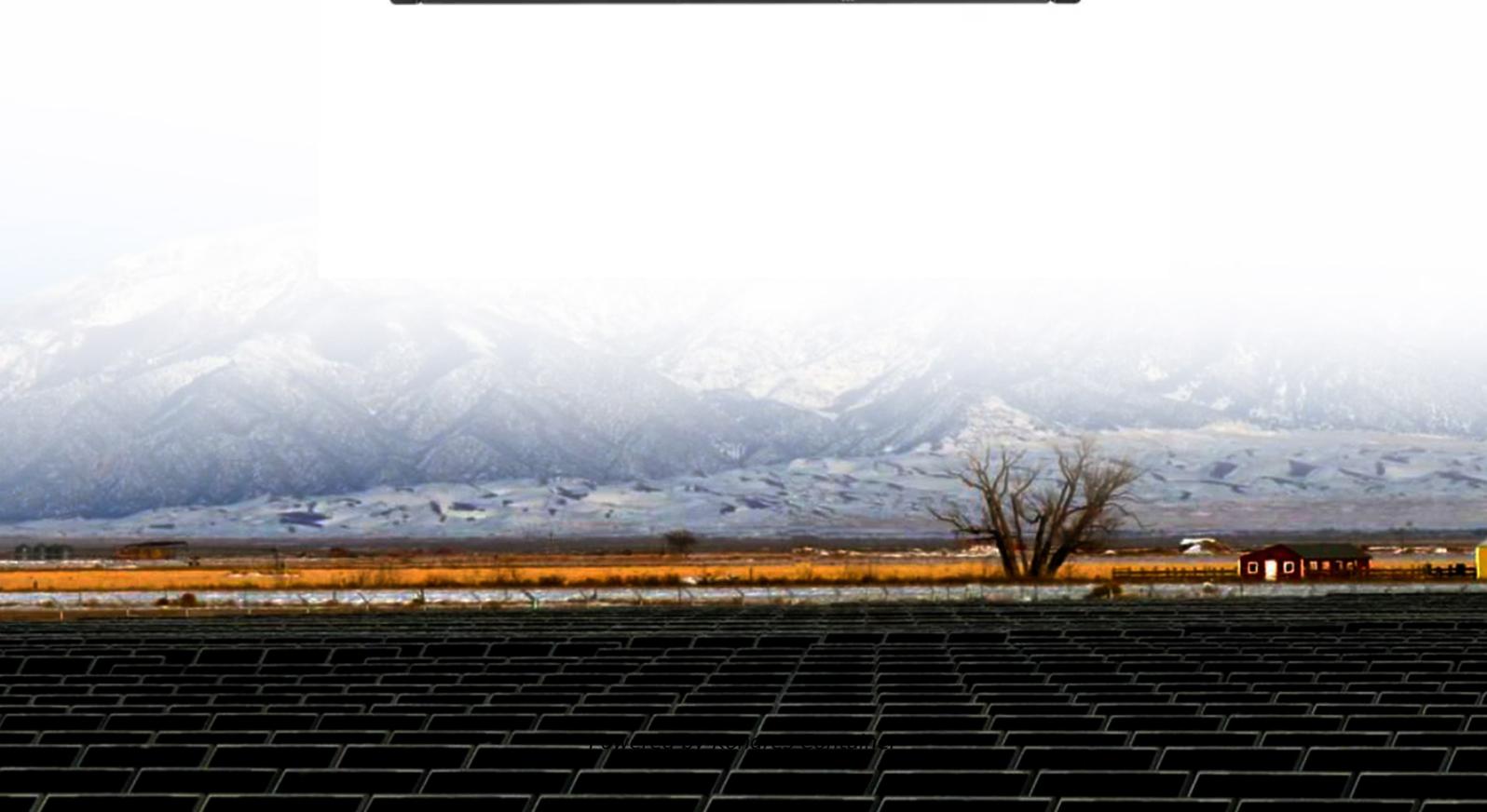


## Kongres Container

# Madagascar Communications City 5G base station



## Overview

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Does Telma Madagascar have a 5G network?

Last month, Telma Madagascar switched on the country's first 5G commercial network in multiple cities with the help of Ericsson. Specifically, the Swedish vendor was selected by the operator last October to upgrade its core and radio network.

Does Madagascar have 5G?

Powered by Ericsson (NASDAQ: ERIC), the 5G network is now live in multiple cities in Madagascar. Two key 5G use cases for the Madagascar market are enhanced mobile broadband (eMBB) and Fixed Wireless Access (FWA).

Why did Telma choose Ericsson for 5G in Madagascar?

Ericsson was selected by Telma in October 2019 to upgrade its 5G Core and radio network in Madagascar building on the two companies' existing 5G partnership. Patrick Pital Hamida, CEO, Telma Madagascar, says: "5G will transform how we use and adopt technology and will have a huge impact on businesses and society in Madagascar.

What is a 5G base station?

They help fill coverage gaps, improve network reliability, and handle high data traffic. In cities, more than 60% of 5G base stations are small cells, placed on rooftops, lampposts, and building facades. These mini base stations are crucial for delivering consistent 5G speeds in crowded areas like stadiums, shopping malls, and business districts.

Which network operators are in Malagasy?

These network operators are on the air covering the country in 2G on 900 MHz and 1800 MHz and 3G on 2100 MHz: Airtel, Telma (Telecom Malagasy), Orange and bip by Blueline (only 3G, 4G/TD-LTE). Network coverage is still somewhat patchy in the country.

Who makes 5G base station equipment?

19. The top 5 telecom equipment providers for 5G base stations are Huawei, Ericsson, Nokia, ZTE, and Samsung. When it comes to 5G base station equipment, five companies dominate the market: Huawei, Ericsson, Nokia, ZTE, and Samsung. These firms provide the hardware and software needed to power the world's 5G networks.

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