Kongres Container

Kazakhstan 5G Communication Base Station Energy Storage System Construction Project

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Overview

Will Kazakh Mobile operators expand 5G coverage in 2025?

ASTANA – Kazakh mobile operators will expand 5G coverage in Astana, Almaty, Shymkent, and regional centers to complete the introduction of 5G mobile communications by the end of 2025, Minister of Digital Development, Innovations and Aerospace Industry Zhaslan Madiyev said at a June 18 government meeting chaired by Prime Minister Olzhas Bektenov.

How many base stations are there in Kazakhstan?

As stated by the Prime Minister’s press service, 1,144 base stations have been installed in 20 cities. By the end of 2027, mobile network carriers will invest over 450 billion tenge (US$994.3 million) in the telecommunications industry. Madiyev reported that internet usage in Kazakhstan is on par with that of developed countries.

What did the Kazakh Telecom chair say about the project?

The Kazakhtelecom Chair also informed about the progress of constructing the Trans-Caspian fiber-optic communication line along the Caspian Sea bed between Kazakhstan and Azerbaijan. This project will increase international traffic transit through Kazakhstan, turning the country into the most important regional telecommunications hub.

How much money will Kazakhstan invest in the telecommunications industry?

By the end of 2027, mobile network carriers will invest over 450 billion tenge (US$994.3 million) in the telecommunications industry. Madiyev reported that internet usage in Kazakhstan is on par with that of developed countries. Internet traffic growth increased by 61.5% compared to 2020, and the number of users rose by 12.9%.

How will Kazakh Telecom advance the Digital Silk Road?

A joint venture has been created between Kazakhtelecom and Azertelecom,

and a tender to select a contractor for the design and installation of the underwater fiber-optic line is nearing completion. Another measure to advance the Digital Silk Road is the construction of a national west-east hyperhighway to increase transit traffic across Kazakhstan.

How many villages in Kazakhstan have fiber optics?

There are 6,290 villages in Kazakhstan with fiber optics connected to 2,606 of them via wired internet. The national project aims to connect optical communication lines to 3,010 villages through a public-private partnership mechanism.

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