

Chad Fiber Optic Communication Construction



Overview

The proposed project involves the installation and commissioning of 1 510 kilometres of optical fibre cables in Niger, and Chad, also comprising active equipment as well as power and cooling systems. This concerns five sections in Niger two of which will be upgraded, and one section in Chad. The Niger has taken a major step forward in improving the country's broadband connectivity and regional digital integration by completing provisional acceptance of the fibre-optic sections built under the Trans-Sahara Optical Fibre Backbone Project (TSB) – a project financed by the African Development. Chad's government this week announced plans to launch 50 new telecom sites in N'Djamena and deploy 50 kilometers of fiber-to-the-home (FTTH) network through the state-owned Société des télécommunications du Tchad (SOTEL). This initiative could help strengthen the coverage of telecom services in the country by connecting areas that were previously deprived. Major terrestrial broadband backbone designed to convey bandwidth capacity from coasts to hinterland and provide alternative gateway to Europe through Algiers. Serves the existing Trans-Sahara Highway and the proposed Trans-Sahara Gas pipeline. Additionally, this project aims to deploy a. The project reflects resilience in overcoming challenges such as the COVID-19 pandemic and transition-related constraints, marking a key step toward a connected and technologically empowered Chad.



Article Content

Chad to soon have a national data center, currently

The Minister of Communications, Digital Economy and Digitalization of the Administration, Boukar Michel, visited the construction site of the future

Chad to install 1,200km of fibre to expand connectivity

The Chadian government plans to install 1,200km of optical fibre across the country as part of the Electronic Communications Infrastructure Modernization Project.

Chad orders telcos to connect to national fiber network

Chad's Ministry of Posts and Digital Economy has given Airtel and Moov Africa one week to connect to the national fiber-optic network.

EU and AfDB Express Satisfaction with Chad's Fiber

In Chad, the European Union (EU) and the African Development Bank (AfDB), partners in the Trans-Saharan Fiber Optic Backbone project, have expressed

Chad plans to deploy 1,200 km of fiber to improve network coverage

The Chadian government plans to install 1,200 km of optical fiber across the country as part of the Electronic Communications Infrastructure Modernisation Project.

Chad to launch 50 new telecom sites, expand fibre network in

Chad's government has unveiled plans to bolster the country's telecom infrastructure with the launch of 50 new telecom sites in the capital, N'Djamena, alongside a 50-kilometer fiber-to-the

Construction work on AfDB-funded optic fibre route project in Chad

Construction works on an African Development Bank, AfDB-funded Trans Sahara Optic Fibre route construction project in the Republic of Chad has commenced.

Chad: the government is relaunching work on the trans-Saharan fiber ...

On Saturday, May 13, the Chadian government launched work on the Chadian component of the Trans-Saharan fiber optic backbone (DTS). The realization of the project is entrusted to the

Trans-Saharan Optic Fibre Broadband Project

Additionally, this project aims to deploy a high-capacity terrestrial fiber optic corridor across the Sahara Desert, connecting Algeria, Niger, Chad, and Nigeria.

Niger takes a major step towards high-speed

The project has two major components: first, the construction of a 1,031-km national and cross-border fibre-optic network; and secondly, the installation of a Tier III

Central African Backbone Project

This component will leverage the existing fiber-optic network laid along the Chad-Cameroon oil pipeline that will form the core CAB network and support the deployment of interconnected networks to form a

Chad Leads Initiative to Map Fiber Infrastructure for Improved

The Ministry of Posts and Digital Economy of Chad officially launched a regional workshop on the mapping of fiber optic infrastructures at the Hotel de l'Friendship. Scheduled from

Chad Invests €175 Million to Expand National Data Center, Fiber, and ...

The Ministry of Telecommunications, Digital Economy, and Digitalization of Chad has inaugurated Phase I of the State Connectivity Infrastructure Modernization Project (PMICE) in Sarh,

Chad Courts Partners to Build Digital "Corridors" and Break Isolation

In June, the country held talks with Greece and signed a memorandum of understanding with Niger for fiber optic interconnection. Other potential coastal partners include Algeria and Libya. Chad also

Chad Hosts Regional Workshop to Map Fiber Optic

Chad hosts a regional workshop mapping Africa's fiber optic infrastructure from Dec 15-18, 2025, to guide investment and improve

Chad: Minister orders operators to connect to the national fiber optic ...

Chad is toughening its stance to force telecommunications operators to improve the quality of their services. The minister responsible, Boukar Michel, held a meeting on Wednesday,

Chad Orders Telecom Operators to Connect to National Fibre-Optic ...

Chad's government has ordered major telecom operators Airtel and Moov Africa to connect to the national fibre-optic network within one... This audacious initiative will enhance the

Chadian government pushes SOTEL and Airtel to fast

The government of Chad is exerting pressure on telecommunications operators SOTEL and Airtel to expedite the rehabilitation of the vital N'Djamena

Work on the Chadian section of the Trans-Saharan fiber-optic

The Trans-Saharan fiber-optic backbone was supposed to be a key component of Chad's strategy to free itself from "digital slavery." Without direct access to the sea or underwater cables, the

Dabafinance

From June 17 to 20, a delegation led by Chad's Minister of Telecommunications, Dr. Boukar Michel, visited Niger to progress plans for the Trans-Saharan Fiber Optic

Chad Launches \$1.5B Digital Strategy to Connect Citizens by 2030

A new company will also be established to manage Chad's high-speed fiber optic infrastructure. Developed with support from the World Bank, stakeholder consultations, and analysis

Chad hails relations with China after successful

The Director-General of Huawei Technology Chad, Mr. Kong Ling Yu, presented the three components of the project, namely the construction of a national data

Chad Plans 50 Telecom Sites, 50 km of Fiber in N'Djamena

Chad's government this week announced plans to launch 50 new telecom sites in N'Djamena and deploy 50 kilometers of fiber-to-the-home (FTTH) network through the state-owned Société des

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