

## Article Overview

Gabon is actively expanding its fiber optic network through national and regional projects, aiming to improve high-speed internet access and digital connectivity across the country.

## Current Infrastructure

Gabon's fiber optic backbone is primarily developed under the Central African Backbone 4 (CAB4) project, which connects multiple regions within Gabon and links to neighboring countries such as Cameroon, Equatorial Guinea, and the Republic of Congo. The network currently spans approximately 1,628 kilometers, with coverage extending from Libreville to Lekoni and including Port-Gentil via a submarine cable loop to ensure network security . The national backbone is operated by Axione Gabon, which manages international connectivity through the ACE submarine cable and has backup arrangements via the SAT-3 cable .

## Expansion Plans

The Gabonese government, in collaboration with Moov Africa Gabon, Airtel Gabon, and the National Digital Infrastructure Company (SPIN), is planning to extend the national fiber backbone by 1,800 kilometers. This initiative involves pooling infrastructure to reduce costs, establishing a transparent governance framework, and strengthening technical centers to improve service quality . The expansion aims to enhance digital sovereignty, lower data costs, and position Gabon as a leading digital hub in Africa .

## Private Sector Involvement

Telecom operators are actively investing in fiber optic development. For example, Airtel Gabon invested USD 7.3 million to connect Libreville and Port-Gentil via 208 kilometers of high-capacity fiber, improving mobile internet services and creating approximately 350 jobs . Partnerships between Moov Africa and Airtel mark a step toward accelerated implementation of the national fiber expansion project .

## Strategic Goals

The fiber optic expansion is part of Gabon's broader digital strategy to meet growing demand from households, businesses, and public administrations. The country achieved an ICT Development Index score of 76.1 out of 100 in 2025, reflecting relatively high internet coverage, though rural and suburban areas still face connectivity challenges . The creation of a joint entity for fiber development is expected to optimize investments, lower operational costs, and streamline network maintenance .

## Future Outlook

# Gabon Fiber Optic Channel

Planned extensions include connecting cities such as Bitam to Booue and Kango to Lambarene, further expanding access to high-speed internet for businesses and citizens . With these initiatives, Gabon aims to strengthen its digital infrastructure, support economic growth, and improve access to reliable, high-speed connectivity nationwide.

Planners Your customers are our customers - your project is our project. Our service starts before laying fibre optics: planning aids,

It offers fiber optic broadband network connectivity (FTT) to individuals and businesses.

AfDB and the Gabonese National Agency for Numerical Infrastructure and Frequency signed a treaty to Gabon's fibre

Gabon is planning to create a joint venture to speed up the development of its fiber optic network.

This is a list of terrestrial fibre optic cable projects in Africa. While submarine communications cables are used to connect countries

Gabon - Telecom The development of fiber optic network content Gabonese economic operators are being provided with

Gabon Fiber est le futur opérateur neutre de référence du Backbone National Gabonais en fibre optique -- un projet stratégique

An overview of Gabon's fiber optic infrastructure and internet usage statistics projected for 2026, highlighting digital growth.

An optical fiber patching cabinet. The yellow cables are single-mode fibers; the orange and blue cables are

Africa-Press - Gabon. Après une année 2024 marquée par une expansion significative, Moov Africa Gabon Telecom

Submarine Cables and International Bandwidth: Gabon is connected to multiple high-capacity submarine fiber optic

L'initiative vise à réduire le coût de la donnée, améliorer la couverture et faire du pays un pôle régional de

Gabon Fiber Optics Market analyzes consumer demand and trade flows, highlighting growth opportunities and



# Gabon Fiber Optic Channel

trends shaping the

Dans le cadre du projet Central African Backbone 4 (CAB4), qui consiste à interconnecter tous les pays d'Afrique via un réseau de

The project is an integrated, innovative and transformative infrastructure which consist of completing the 901.8 km

6Wresearch actively monitors the Gabon Fibre Optic Cable Market and publishes its comprehensive annual report, highlighting

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