

What are the fiber optic cable projects in the Democratic Republic of Congo



AI Overview

The DRC is actively expanding its fiber optic infrastructure with multi-million euro projects connecting key regions and neighboring countries, aiming to boost internet penetration and digital sovereignty.

Key Projects and Scope

The Democratic Republic of Congo has launched a €66.55 million fiber optic project funded primarily by the African Development Bank (AfDB) with €52.47 million, while the Congolese government contributes €14.50 million. This initiative includes laying 600 kilometers of fiber optic cable to interconnect the DRC with Cameroon and the Central African Republic, alongside constructing a state-of-the-art National Data Centre in Brazzaville. The project is scheduled for completion by December 2024 and aims to enhance local data hosting for telecom operators, banks, insurance companies, and public institutions. In addition, the European Investment Bank (EIB) is supporting the rollout of a high-speed fiber optic network in the eastern regions of the DRC, benefiting over 2.5 million people. This project, implemented by Bandwidth and Cloud Services Group (BCS), focuses on providing faster, cheaper, and more reliable digital connectivity to homes, schools, and hospitals, contributing to the country's broader digital transformation.

Regional Connectivity

The DRC is also part of a 10,000 km regional fiber-optic backbone project spanning Zambia, Zimbabwe, Malawi, and Mozambique, which aims to connect previously unserved areas, improve service quality, and provide access to key institutions such as 3,000 schools, 1,500 hospitals, and 1,200 government offices. This regional approach ensures that the DRC's fiber network is integrated with Central and Southern Africa, enhancing cross-border digital connectivity.

Impact on Digital Infrastructure

Currently, internet penetration in the DRC was 17.4% in early 2022, significantly below the African average of 43% a...

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DRC Plans Tender for 11,500 km National Fiber-Optic Network

The Democratic Republic of Congo plans an international tender for the construction and operation of a national fiber-optic backbone spanning more than 11,500 kilometers, including 1,500

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Undersea cables, commonly known as submarine cables, play a crucial role in Africa's digital infrastructure. These cables serve as the fundamental infrastructure of the global internet,

DR Congo Readies Tender for Nationwide Fiber-Optic Network

The Democratic Republic of Congo is preparing an international tender for the construction and operation of a national fiber-optic network spanning more than 11,500 kilometers, including 1,500

DRC Explores River Corridor Project to Expand National Fiber Optic ...

The proposed project covers about 2,100 kilometers of infrastructure, including 1,700 kilometers of fiber-optic cable running along the Congo River from Muanda to Kisangani and nearly

DRC is Building a \$1.5 Billion Fibre Network Along the Congo River

The Democratic Republic of Congo has signed a memorandum of understanding with China's Genew Technologies to build a \$1.5 billion fiber-optic network along the Congo River, in one

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The Ministry of Posts, Telecommunications and Digital Affairs in the Democratic Republic of the Congo (DRC) has signed a memorandum of

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DRC government signs up China's Genew Technologies to build

The Democratic Republic of the Congo's ICT ministry has signed a memorandum of understanding (MoU) with China's Genew Technologies to deploy fibre-optic infrastructure along the

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In a fiber optic backbone, multiple ducts will normally be installed to meet future demand. However, the addition of extra fiber optic cables would impact the project's financials and can

DRC plans \$1.5B fiber-optic project along Congo River

The two entities signed a memorandum of understanding (MoU) for the fiber deployment project. The project covers about 2,100km of infrastructure, including 1,700km of fiber-optic cable

DRC Plans 2,100 km Fiber-Optic Corridor Along the Congo River

The proposed project covers about 2,100 kilometers of infrastructure, including 1,700 kilometers of fiber-optic cable along the Congo River from Muanda to Kisangani and nearly 400

Google Announces Umoja Subsea Cable Project to Connect Africa

Anchored in Kenya, the Umoja cable route will pass through Uganda, Rwanda, Democratic Republic of the Congo, Zambia, Zimbabwe, and South Africa, including the Google Cloud region, before crossing

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SOCOF and APCSC to deploy fibre along new roads in the DRC

In 2022, Paratus Group's DRC subsidiary Fast Congo was awarded a tender by SOCOF to deploy, operate and maintain a 620-km fibre optic link between Muanda on the west coast and the

Democratic Republic of Congo: EIB Global proceeds with support for

Today at the Kinshasa Economic Forum, the EIB and BCS signed a warrants agreement that will allow BCS to move forward with their plans to install a new fibre-optic backbone in the

Fiber Optic Drones Explained: How "Analog" UAVs

Global Proliferation and Chinese Supply Chain Dominance The fiber optic drone phenomenon has spread far beyond the Ukrainian front lines.

Fiber optics in the DRC: A strategic partnership for a digital leap

Priority projects include the deployment of 50,000 kilometers of fiber optic cable, the construction of data centers, and the improvement of network coverage in rural areas. To date, only

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Google Unveils Umoja, First-Ever Fiber Optic Cable

Umoja, which means “unity” in Swahili, signifies a new era of digital connectivity for the continent. The cable stretches from Kenya, traversing

Landmark Zambia-Mozambique fibre connection project launched

In addition to Mozambique, the countries are Angola, Botswana, Democratic Republic of Congo, Malawi, Namibia, Tanzania and Zimbabwe. There are plans to connect with Burundi, in East

Improving connectivity and accelerating economic growth across

Today, Google announced new investments in digital infrastructure and security initiatives designed to increase digital connectivity, accelerate economic growth, and deepen

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