

Cables in Southern Europe Bissau



AI Overview

Guinea-Bissau is connected to Southern Europe via the Africa Coast to Europe (ACE) submarine cable, with future connectivity enhancements planned through the Via Africa cable project. The ACE cable is a 17,000 km optical-fiber submarine system linking France, Portugal, and the Canary Islands to the entire Atlantic coast of West Africa, including Guinea-Bissau. It became operational in 2012 and is managed by a consortium of 20 telecom operators. The cable lands at Suro in Guinea-Bissau, providing the country with its first direct international fiber connection to Europe, bypassing the need to transit through neighboring countries. ACE has a maximum capacity of 20 Tbit/s, supporting high-speed internet and telecommunications for over 450 million people along its route. The cable runs at depths of around 6,000 meters and is manufactured by Alcatel Submarine Networks, with deployment handled by ships from ASN and Orange Marine. Its landing points in Southern Europe include Penmarch in France, Carcavelos in Portugal, and Granadilla de Abona in the Canary Islands, ensuring robust connectivity between Europe and West Africa.

A new initiative, the Via Africa submarine cable, was launched in 2026 to further strengthen Europe-Africa connectivity. This project will provide an alternative route along the Atlantic coast, enhancing diversity and resilience of international connectivity. Planned landing points in Southern Europe include the UK, France, and Portugal, with extensions along the West African coast, potentially benefiting countries like Guinea-Bissau in the future. The project is managed as a consortium, allowing participating operators to co-invest and govern the system, similar to the ACE model.

Summary: Currently, Guinea-Bissau's international connectivity to Southern Europe is primarily through the ACE cable, linking it directly to France, Portugal, and the Canary Islands. The Via Africa project promises additional capacity and route diversity, which will further improve resiliency.

Article Content

Guinea Bissau reaches \$47 mln deal on submarine cable

Guinea Bissau has agreed a memorandum of understanding with the World Bank, Orange and MTN for a \$47 million project to link the country to a submarine telecoms cable connecting Africa

Submarine Cable Map

TeleGeography's comprehensive and regularly updated interactive map of the world's major submarine cable systems and landing stations.

EU Action Plan on Cable Security: mapping and risk assessment

An EU-wide mapping and coordinated risk assessment of submarine cable infrastructures has been agreed by the informal Expert Group on Secure and Resilient Submarine Cable

9 of Europe's most important submarine cable projects

Submarine cable construction is booming right now. Europe contains many important hubs for subsea cables, with many of the world's busiest routes

La Guinée-Bissau se connecte à son premier câble sous-marin à fibre ...

La Guinée-Bissau a finalisé, mardi 28 mars, sa connexion à son premier câble sous-marin à fibre optique international : l'Africa Coast to Europe (ACE). Le pays pose ainsi « les

SUBMARINE CABLE

The Africa Coast to Europe – ACE – submarine cable connects Europe to the west coast of Africa through a high speed fiber optic system. ACE was launched in

Africa Coast to Europe (cable system) explained

Africa Coast to Europe (ACE) is an optical-fiber submarine cable system serving 24 countries on the Europe, west coast and south Africa, managed by a consortium of 20 members.

Medusa submarine cable linking Europe to Sub

The €342 million Medusa submarine cable project aims to enhance digital connectivity between Europe and Sub-Saharan Africa. The initiative, led

Africa Coast to Europe (ACE) submarine cable system specifications

Africa Coast to Europe (ACE) is a repeatered submarine cable system that is connected to 21 cable landing stations. It is operational since 2012 and owned by a consortium of

More Than Plastic, Copper, and Glass Fibre? Undersea

Cable Initiatives Sparking Hopes for Geopolitical Alignment and Autonomy European actors promote a variety of cable infrastructures to link up

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Power Transition Cables Market in Southern Europe | Report

Power transition cables are the specialized conductors and assemblies that connect energy storage systems, battery arrays, power conversion units, and renewable generators to the

Electric Cable In Guinea-Bissau

Electrical Cable An electrical cable is a current-carrying assembly of wires that runs side by side and are bonded and twisted. They are used to carry current. We, one of the leading Electrical Cable

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The voice of Europe's leading wire, cables and cable accessories manufacturers. Europacable represents the largest cable and cable accessories makers in the

Connection to the ACE cable

Guinea-Bissau connects to the ACE (African Coast to Europe) submarine wire. The project led by the Global Bank, Orange, MTN and the national government aims at improving

Lisbon eyes undersea cable investment to bolster EU

Portugal is pushing for a pan-European investment plan to roll out a network of undersea cables and upgrade the Continent's digital infrastructure.

Guinea-Bissau connects to ACE submarine cable

The connection system links the town of Suru, in northeastern Guinea-Bissau, to the Antula power plant on the outskirts of Bissau, a distance

Guinea-Bissau connects to its first international fiber optic submarine ...

Guinea-Bissau finalized, Tuesday, March 28, its connection to its first international fiber optic submarine cable: the Africa Coast to Europe (ACE). The country is thus laying “ the foundations of the largest

Guinea-Bissau connects to its first international fiber optic submarine ...

Guinea-Bissau began work to connect to the ACE cable in 2017. It is the last country in West Africa to connect to this infrastructure launched in 2012 and which connects around twenty African and

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