

Albania lays fiber optic cables

Article Overview

Albania is establishing a strategic subsea fiber optic link to Egypt, positioning itself as a regional digital hub with an investment of over 100 million euros.

Subsea Cable Project

Albania, in partnership with the Hungarian IT company 4iG Group and state-owned Telecom Egypt, is constructing a subsea fiber optic cable connecting Egypt to Albania. The project, formalized through a Memorandum of Understanding with the Albanian government, aims to diversify internet data routes between the East and West, offering a shorter and alternative path to major European destinations . The investment is estimated at 100-115 million euros, and the cable will enhance Albania's role as a strategic gateway for intercontinental data traffic .

Strategic and Economic Benefits

The subsea cable will create a major data center in Durrës, generating hundreds of jobs and boosting Albania's digital infrastructure . It will also provide access to multiple subsea cables via the Red Sea, connecting Europe, Asia, and Africa, and adding diversity to conventional Mediterranean routes linking Egypt with Italy and France . Albanian officials highlight that the project aligns with the country's EU integration strategy, supporting digitization and positioning Albania as a regional hub for digital connectivity .

One Albania Network Expansion

In parallel, One Albania, controlled by 4iG, plans to expand its optical fiber network to reach 450,000 urban households by 2026, up from 245,000 currently . The company is upgrading from copper to Gigabit Passive Optical Network (GPON) technology, enabling high-speed internet, voice, and video services for residential and business users . This expansion strengthens Albania's fixed-line infrastructure and supports government and private sector connectivity needs.

Long-Term Implications

The project is expected to enhance Albania's digital transformation, attract international operators, and establish the country as a key interconnection node for Africa, the Middle East, and Asia . It also lays the groundwork for future advancements in telecommunications, including potential 5G deployment, and reinforces Albania's strategic position in regional and global data transmission .

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We recently signed a Memorandum of Understanding for an underwater cable system from Egypt to Albania. This project aims to

ONE Albania is the only network offering optical fiber infrastructure, now available in all urban areas nationwide, and fixed broadband

Internet/Broadband Infrastructure Broadband access services are provided through a variety of electronic communications networks:

Regulatory measures in Albania Regulation No. 22 dated 24.06.2011 "On Technical Requirements for Construction of Urban

Through a reliable fibre optic network, DWDM transmission technology, qualified and well trained personnel, ATU aims to satisfy all

Under the MoU, the two firms will look to develop a high-capacity terrestrial optical fiber link between Albania and

Albania Fiber Optic Cables Market is expected to grow during 2025-2031

UMTS GSM Wi-Fi - wireless local area networks Coverage of Fiber Optic in Albania. Akep in cooperation with all electronic

The global internet relies on 800,000 miles of undersea cables that are constantly breaking. This is the story of the 22

Gener 2 has collaborated with the Albanian Telecommunications Union (ATU) by constructing a more than 750 km fiber optic

Formulating a growth strategy for a Fiber Optics import business in Albania entails understanding the domestic

ALBtelecom's fixed network reaches more than 100,000 fiber lines through GPON technology, in record time,

ATU will be the owner of a large fiber optic network (fully operational within 2011) that can be considered

February 19 (SeeNews) - Telecoms operator One Albania, controlled by Hungarian IT company 4iG, plans to significantly expand its

All new constructions in Albania, as well as buildings that will undergo deep reconstructions, will have a new

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legal

The connection will provide access to various subsea cables heading southeast via the Red Sea to Asia and Africa,

Web: <https://www.millstraining.co.za>

