

South Sudan Fiber Optic Cable Laying Frame

Article Overview

South Sudan is set to begin laying a 2,400-kilometer fiber optic cable from Kenya in early 2026 to enhance digital connectivity and reduce reliance on satellite internet.

Project Overview

The Government of South Sudan, in collaboration with the World Bank, will initiate the construction of a cross-border fiber optic cable connecting the country to the Indian Ocean via Kenya. The project is designed to strengthen South Sudan's digital infrastructure, provide faster and more reliable internet, and reduce the high costs associated with satellite connections. The cable will span approximately 2,400 kilometers, covering key regions to improve broadband access nationwide.

Objectives and Benefits

- o Enhanced Connectivity: The fiber optic network will provide high-speed internet, supporting sectors such as education, trade, public services, and e-governance.
- o Economic Growth: By lowering internet costs and improving access, the project aims to foster innovation, attract investment, and create opportunities for youth and businesses.
- o Regional Integration: Connecting to Kenya's network links South Sudan to the broader East African and international fiber networks, facilitating cross-border communication and digital trade.
- o Digital Transformation: The initiative aligns with South Sudan's Vision 2040 strategy, positioning the country as a digitally connected nation in the region.

Preparatory Steps

Before construction, the Ministry of Information, Communication Technology, and Postal Services (MoICT&PS) is recruiting technical teams to conduct feasibility studies and environmental assessments. These steps are crucial to ensure the project's sustainability and compliance with environmental standards.

Timeline and Additional Developments

- o Construction Start: Preparations are underway, with groundbreaking expected in early 2026.
- o Ministry Headquarters Renovation: The old Radio Juba premises will be renovated at an estimated cost of \$4 million USD to serve as the new Ministry headquarters, supporting the expansion of digital infrastructure.

Strategic Significance

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The fiber optic project is considered a major milestone for South Sudan, as it will provide affordable, reliable internet access, reduce dependence on satellite connections, and integrate the country into regional and global communications networks . It also opens avenues for private sector investment in energy, power, and digital services, further supporting economic development . In summary, the South Sudan fiber optic cable project represents a transformative step toward modernizing the country's digital landscape, enhancing connectivity, and fostering economic and social development across the nation.

By Philip Buda Ladu The government of South Sudan is poised to significantly bolster its digital infrastructure, with

The Ministry of Information, Communication Technology and Postal Services (MOICT&PS) of South Sudan, in

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The aim of the visit was to brief Governor Manytuil on the issue of fibre optics cable installed

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The Ministry of Information, Communication Technology and Postal Services (MOICT&PS) of the Republic of South

The Government of South Sudan, in collaboration with the World Bank, will begin laying a fiber optic cable from Kenya

South Sudan will begin laying a 2,400-kilometre fibre optic cable in December, connecting

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The Ministry of Information, Communication Technology, and Postal Services (MoICT&PS) in collaboration with the

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South Sudan's Ministry of Information, Communication Technology and Postal Services said South Sudanese and

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