

South Sudan Optical Cable System



Overview

Multimode Optical Cable Installation in South Sudan Overview (LUSAKA) – South Sudan will begin the construction and installation of its national fibre optic.

Key Takeaways

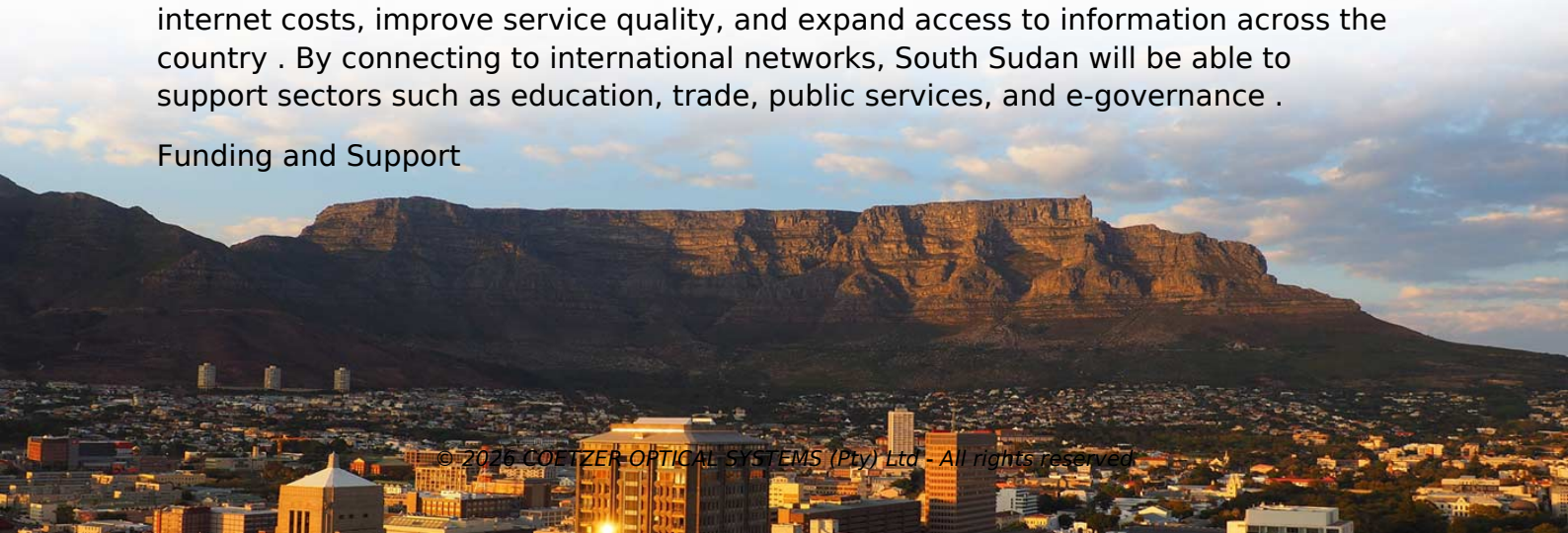
South Sudan is constructing a 2,400-kilometre fibre optic cable connecting the country to the Indian Ocean via Kenya, aiming to enhance internet access and digital infrastructure. Project Overview

South Sudan will begin the construction of its national fibre optic cable in December, covering approximately 2,400 kilometres from the Kenyan border to Juba, the capital city . This project is a major step toward integrating South Sudan into the international fibre network, providing faster and more reliable internet connectivity . The initiative is part of the country's broader Vision 2040 strategy, which seeks to position South Sudan as a digitally connected and competitive nation in East Africa .

Route and Connectivity

The cable will link South Sudan to the Indian Ocean through Kenya, enabling access to global internet infrastructure . This connection is expected to significantly reduce internet costs, improve service quality, and expand access to information across the country . By connecting to international networks, South Sudan will be able to support sectors such as education, trade, public services, and e-governance .

Funding and Support



The project is supported by the World Bank, which has helped address funding challenges for the construction . The government has emphasized the importance of regional cooperation, private sector investment, and robust policy frameworks to ensure the project's success and sustainability .

Expected Impact

Once completed, the optical cable system is expected to:

- Enhance digital connectivity and internet speeds nationwide
- Lower internet costs, making services more affordable for businesses and citizens
- Support economic growth by enabling digital commerce, innovation, and e-governance
- Create opportunities for youth and entrepreneurs in technology and related sectors

The project is considered a transformative leap in South Sudan's digital infrastructure, placing the country among the digitally connected nations in the region .

Strategic Significance

Beyond improving connectivity, the fibre optic system is a cornerstone for regional integration and digital transformation in East Africa. It is expected to attract international investment, particularly in energy, power, and ICT sectors, and foster a resilient digital economy . The government has actively invited investors to participate in building a sustainable and inclusive digital infrastructure .

Article Content

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

