

Your door to West and South Africa



Our subsea cable network

The future is exciting.
Ready?



West Africa Cable System

To respond to the growing demand for bandwidth, the West Africa Cable System (WACS) directly connects Europe to Africa, providing enhanced capacity. The subsea system offers the latest 100Gbit/s technology by linking 14 countries over 2 continents.

Investment led by Vodafone

WACS was built by a consortium of 11 telecommunications carriers to create seamless, resilient interconnections between Europe and West African countries and launched in May 2012.

WACS provides a seamless, high-speed connection with low-latency connectivity over its 15,000 km route.

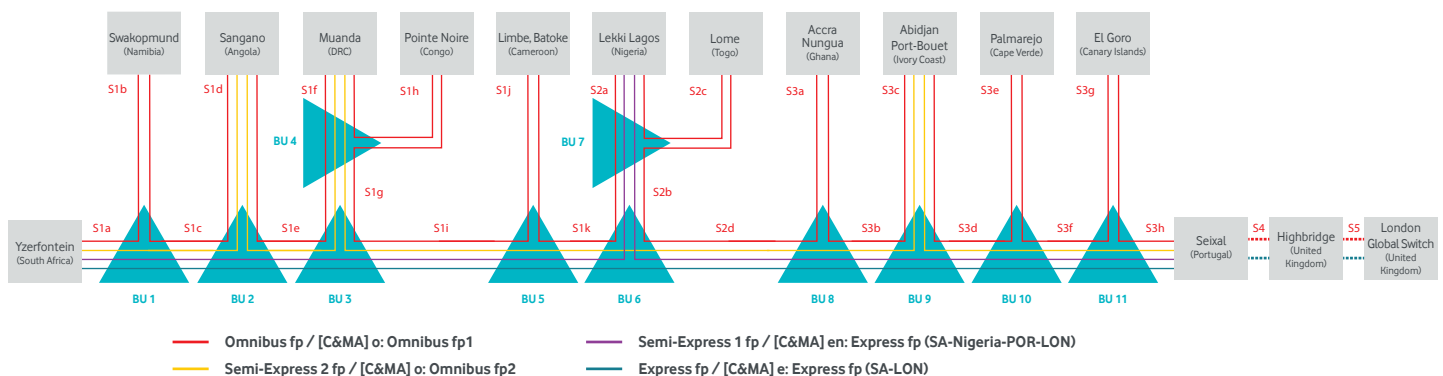
Connectivity and landing points

Vodafone is a Tier 1 investor in WACS and endorsed the upgrade of the subsea cable system to enhance its capacity to 100Gbit/s technology.

This connectivity route is key to meet the growing and varied business needs of organisations operating across Europe, Western and Southern Africa. WACS

offers an extensive 100Gbit/s capability providing diversity from other submarine cable systems, like ACE or MainOne.

Africa experienced the most rapid growth of international internet bandwidth, growing at a compound annual rate of 44% between 2013 and 2017. (Source: TeleGeography 2017)



Source: Submarine Cable Networks World Conference - Singapore, 22 September 2011

Who will benefit from WACS?

- Connectivity providers serving large corporations with high bandwidth requirements operating in the African region, such as financial institutions, system integrators and IT providers. WACS will fuel growth and create a resilient platform for other value-added services.
- Global carriers seeking the ability to extend services from Europe into African countries using cost-effective, reliable routes.
- African carriers and operators can now access Europe more rapidly and vica-versa.

WACS bandwidth options

WACS offers capacity with lease options. The bandwidth can be activated as 10G and 100G:

- 10Gbit/s client transmission at STM-64, 10G - Clear channel, OTU-2, OTU-2e, LAN and WAN PHY and 100Gbit/s client interface - 100GigE and OTU-4.
- 100Gbit/s line transmission at Ethernet and OTN with bypass through intermediate stations

Why Vodafone Carrier Services?

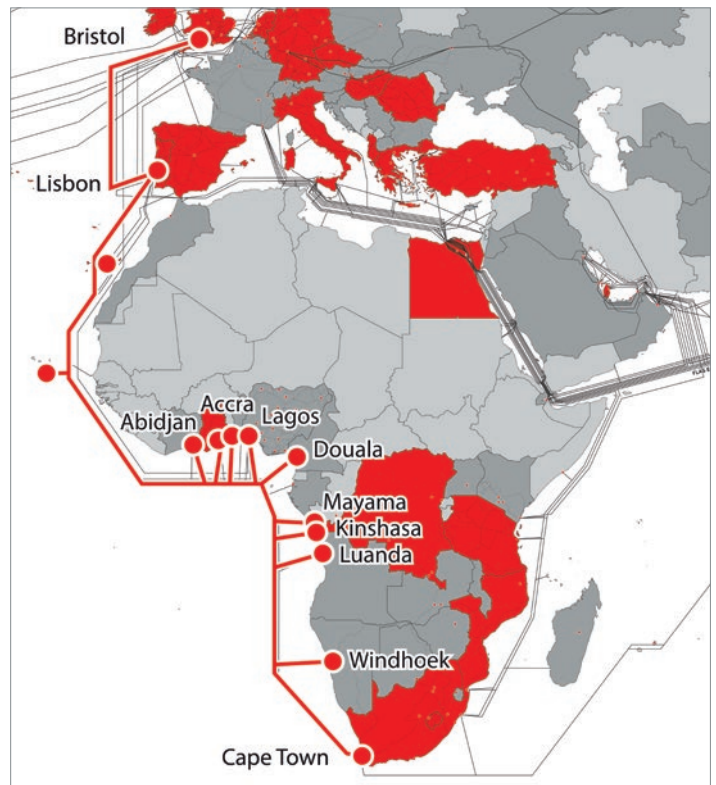
- Global reach and scale
 - Over 1 million km of network including terrestrial and undersea.
 - 800 international PoPs across 150 countries.
 - Partnerships with all the top tier carriers.
 - Capacity on 80 cable systems, including 25 major international submarine cables.
- **Leadership and quality of service**
As a Tier 1 investor in WACS, Vodafone helps carriers to be ready to meet growing market demand. Our high-speed networks give your customers the bandwidth capacity they need now and for the future. Our commitment to service and quality ensures you and your customers can always rely on connectivity from Vodafone.

Next steps

To discover more about how West Africa Cable System from Vodafone can enhance your global business portfolio between Europe and Africa, please contact your Account Manager or get in touch at: carrierservices@vodafone.com

Key benefits and features

Benefits	What it means for connectivity providers
Diversification	<ul style="list-style-type: none"> • WACS offers route diversity between Europe and Africa. • Multiple and diverse onward connectivity options within Europe and Africa.
Cost efficiency	<ul style="list-style-type: none"> • Bundled pricing with other cable systems.
Fast and resilient platform	<ul style="list-style-type: none"> • Advanced technology with new routing for enhanced resilience. • 100Gbit/s wavelength technology compatible with submarine cables. • Suitable for high-bandwidth demands of new technology and applications.
Extended reach	Enables high-bandwidth connectivity to: <ul style="list-style-type: none"> • Transatlantic cable systems (Tata TGN). • SAFE cable system onto India and the Far East.



Vodafone Group 2019. This document is issued by Vodafone in confidence and is not to be reproduced in whole or in part without the express, prior written permission of Vodafone. Vodafone and the Vodafone logos are trademarks of the Vodafone Group. Other product and company names mentioned herein may be the trademark of their respective owners.

The information contained in this publication is correct at the time of going to print. Any reliance on the information shall be at the recipient's risk. No member of the Vodafone Group shall have any liability in respect of the use made of the information. The information may be subject to change. Services may be modified, supplemented or withdrawn by Vodafone without prior notice. All services are subject to terms and conditions, copies of which may be provided on request.

The future is exciting.

Ready?

