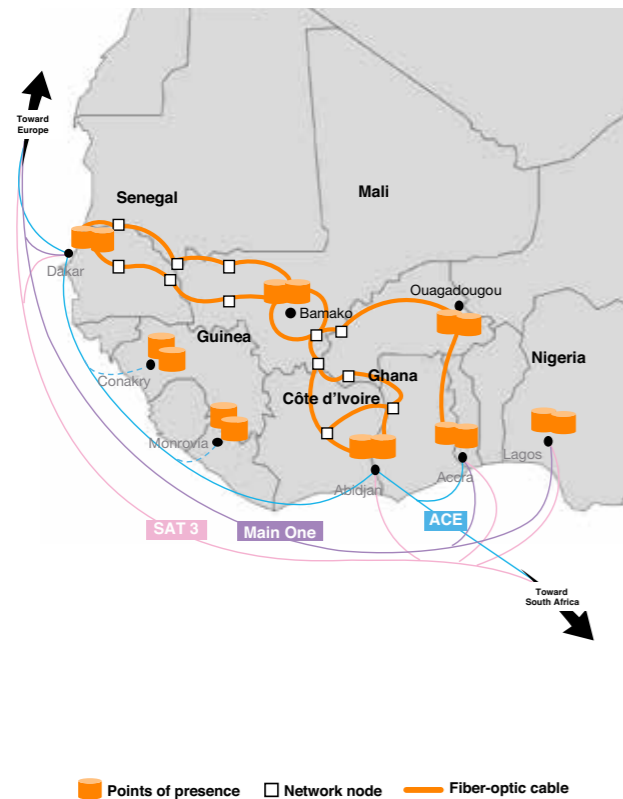


# Maintained growth momentum in Africa

In 2020, Group revenues grew 5.2% in Africa and the Middle East as it strengthened its efforts to ensure Orange Middle East and Africa becomes the region's benchmark digital operator by boosting its multi-service strategy.



## Djoliba, West Africa's first cross-border network

→ In November 2020, Orange and its subsidiaries announced the launch of Djoliba, the first pan-West African long-distance very high-speed broadband network, known as a backbone. It connects eight countries: Burkina Faso, Côte d'Ivoire, Ghana, Guinea, Liberia, Mali, Nigeria and Senegal. Named after the river Niger in the Manding language, this new infrastructure combines land and submarine fiber-optic cables (SAT-3, Main One and ACE), each stretching at least 10,000 km. Djoliba enables West Africa to seamlessly connect to international networks at very high speeds of up to 100 Gbit/s; it also offers unmatched service quality, with 99.99% availability. According to Ramatoulaye Lô, Head of Operator Marketing at Sonatel (Orange in Senegal), "it's no longer about one network per country—now, a number of suppliers work with a single network that connects multiple countries, which is more reliable and more effective." Moreover, Djoliba's infrastructure provides complete end-to-end security as each capital city has access to two separate data centers, with at least two different land fiber routes. Operated and maintained in Dakar, the network has its own monitoring center so that technicians can perform call-outs

## Orange supports the One African Network project

→ As a member of the Smart Africa Alliance, Orange supports the One Africa Network (OAN) project, which aims to reduce the cost of communications while keeping the traffic generated by and for Africa within Africa. The Group's subsidiaries localize transport, voice data traffic and roaming data on the continent. We set up two international voice PoPs in Lagos, Nigeria in 2020. To boost service quality while protecting data, inter-operator traffic linked to roaming in Africa will be hosted at a data clearing house located on the continent from the second half of 2021.

quickly when needed. Through Djoliba, Orange can meet the growing connectivity needs of operators, businesses and institutions in West Africa, serving a potential 330 million people.

Djoliba is part of the Group's long-term investment strategy to support Africa's digital transformation and become the preferred multi-service operator in Africa and the Middle East by 2025. To achieve this, Orange invests €1 billion in the region every year. "Djoliba provides a fundamental change in West Africa and the rest of the continent. Harnessing the technical expertise of Orange's international networks, the backbone offers the Group's wholesale customers seamless connectivity services with an extensive network of 16 local points of presence (PoPs), connecting to 450 PoPs in Europe, America and Asia," explains Anne Morel, Senior Vice President Global Carrier Sales at Orange International Carriers.

## Orange Campus Africa, a new digital training platform

→ Orange has worked since the start of the pandemic to boost initiatives promoting online learning throughout Africa. In 2020, the Group launched Orange Campus Africa in partnership with the Université virtuelle du Sénégal. The platform features content from partners in both Africa and France that are renowned for their expertise in education and training. African universities can use this tool to teach new subjects related to the digital economy and technology, keep in touch with their students remotely and supplement in-class learning with online lessons. The platform also offers digital training courses for businesses and individuals.

## MEA Seed Challenge

In June 2020 the Group's venture capital entity for start-ups, Orange Ventures, launched a call for projects as part of the MEA Seed Challenge, a competition to finance the most promising early-stage start-ups in Africa and the Middle East. After a rigorous selection process involving over 500 projects submitted from seven different countries, the winning developers of innovative e-health, e-commerce and fintech solutions were announced in November. At the same time, Orange Ventures announced the launch of Orange Ventures MEA Seed, a permanent initiative expanding Orange Ventures' long-standing activity in the region that will seek to fund 100 start-ups by 2025 in the Group's operating countries in Africa and the Middle East.