

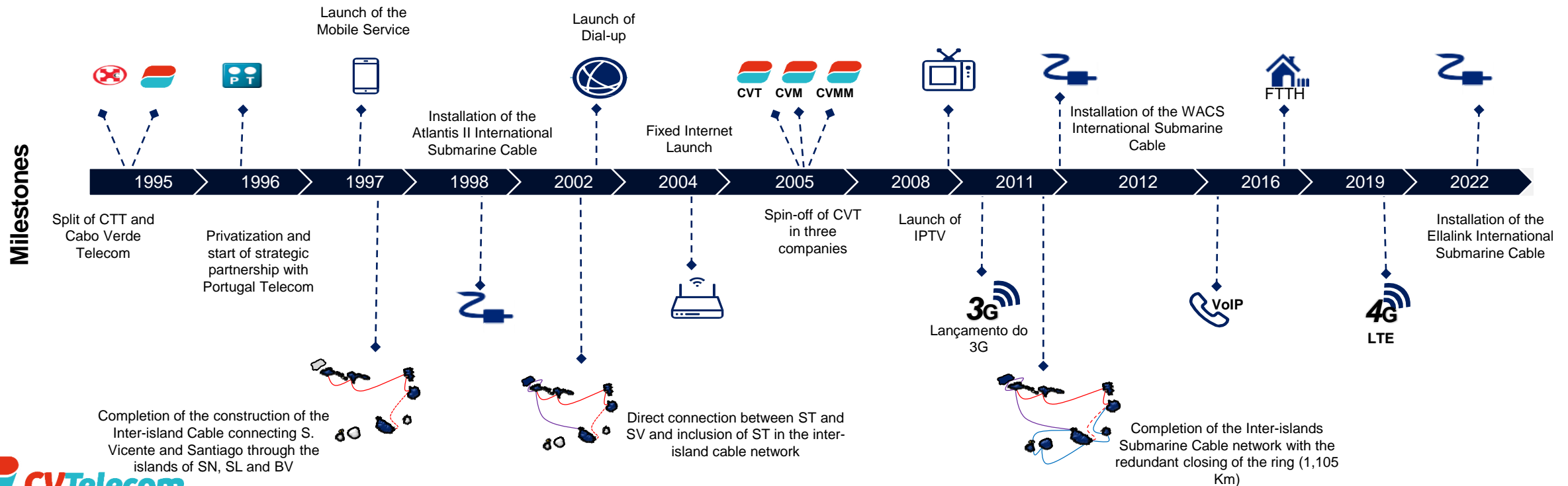


**Cabo Verde's Connectivity 2.0**

# CVTelecom Group at glance

CVT Group, the major telco provider in Cabo Verde, is a global telecommunication operator. The company's activities extends across all telecommunications segments: fixed line, mobile, multimedia, data and business solutions. The company was established in 1995 as a result of the separation from National Post Company, and It's currently divided into three Business Units:

- CVMóvel - Major mobile service provider in Cabo Verde;
- CVMultimédia - Provides data and multimedia solutions;
- Cabo Verde Telecom - the parent company



# The Problems and Goals

## The Problem

- Cabo Verde's Connectivity Program I created the conditions for secured international Internet access, increased mobile and fixed broadband availability, and an overall improvement in the quality of telecommunications services in the country;
- Nevertheless, critical issues on the network and IT support systems remain to be resolved, namely, necessary interventions on the inter-island submarine cable system, in which some segments have already reached the end of life, posing a significant risk for the continuity of services in the country;
- Also, the level of high-speed Internet penetration does not match the country's ambition to become an attractive country for digital nomads, to support e-education, e-health, and E-Government

## Project Goals

- Reducing the risk of disruption of telecommunication services in the country;
- Support the development of the digital economy in Cape Verde by investments in High-speed Internet the, IT support systems, data centers, software, etc.;
- Support the country's vision to become an international digital hub and enhancement the internalization of CVTelecom's operations.

# The Vision

## Projecto alinhado com a agenda de Transformação Digital

- We are experiencing a renewed interest in Cabo Verde's ICT Infrastructure;
- Cape Verde's strategic location, its socio-economic context, and the fact that it is a member of ECOWAS, allow the country to position itself as a digital hub by incorporating data centers and fiber cables and thus create an excellent access point to connect Africa to the rest of the world;
- In addition to the cable SHARE that has already been completed, there are other projects linked to major international providers and other countries in the West African region that are in the pipeline;
- Strengthening inter-island connectivity is essential for establishing ICT companies in Cape Verde, regardless of their location in the country, and allowing interconnection with existing cable systems while promoting more integrated development of the territory.



# The Project

## **Project components:**

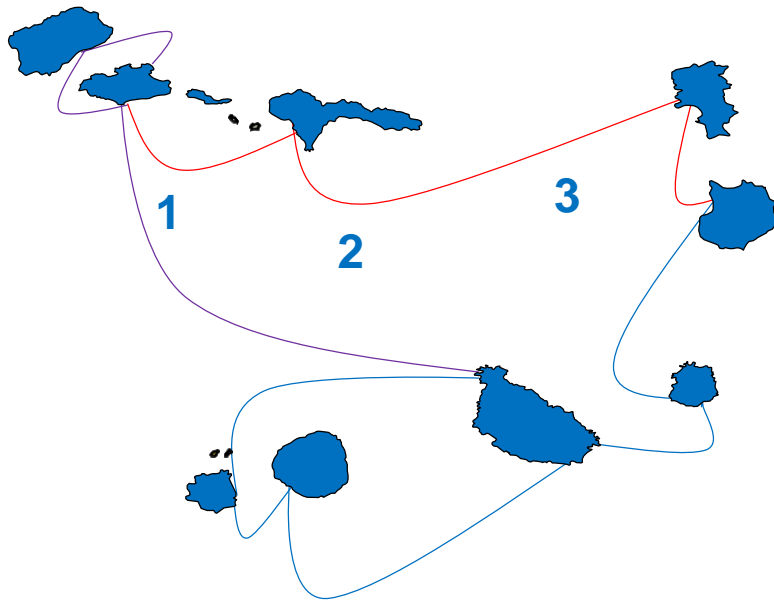
- Replacement of outdated segments National Submarine Cable
- Upgrade DWDM and other Submarine Cables' active equipment
- Digitalization and IT transformation
- FTTH Expansion (Active and Passive Network)
- Data Centers and Datacenters Equipment

**Proposed finance 15 - 20 MUSD**

**Total cost (Approximate amount) 20-25 MUSD**

**Funding : Long Term Bank Loan (Maturity between 10 – 15 years)**

# Inter island Submarine Cable Systems



— Segments to be replaced

- 1 São Vicente – São Nicolau
- 2 São Nicolau – Sal
- 3 Sal – Boa vista

## The Vision

- The Group is investing and will continue to invest heavily in the resilience of both physical and digital infrastructure to support the country's ambition to become a digital hub and a gateway to Africa;
- In line with this vision, the Group will reinforce investments in critical areas, namely the requalification of the Inter-island transport network (CSII), cybersecurity, and digital transformation.

## Why CSII replacement Project?

- The oldest segments of the CSII are approaching the end-of-life (25 years), which will occur in 2022;
- The segments have experienced several faults, mainly due to the vessel anchors, which have increased the telecommunications vulnerability in the north part of the country.

## Benefits

- Reduction of the risks of faults, thereby lowering the costs of maintenance and repair and consequently improving the company's operational continuity and margins;
- Increase the QoS, resilience, and stability of the country's telecommunications landscape;
- Support the country's vision and ensure its territorial continuity.

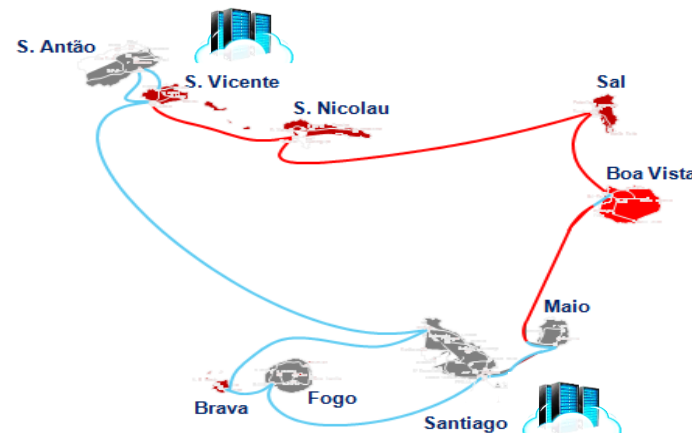
# Other Components of the Project

## FTTH Network Expansion



- Online Education
- Remote Work
- E-Government
- Safe City
- B2B

## Data Center



- Geographic redundancy (D&R)
- Operational Efficiency
- Security and Resilience
- New Business Streams

