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BOA VISTA INTERNATIONAL CONFERENCE OF PARTNERS 2023 (CIP23)

Strategic Note of Program for Water and Sanitation

VISION

Despite the country having faced the worst series of persistent and consecutive droughts in the last 37 years, extreme events aggravated by climate change, affecting the reduction of the storage capacity and mobilization of groundwater, Cape Verde achieved considerable gains between 2015 and 2019 the proportion of the population that obtains safe drinking water grew slightly, reaching 85.5%, but above all it is worth mentioning the fact that 69% of the population have the public water network as their main source of supply, surpassing by 4.9 points percentages the 2015 level.

In 2019, around 71.7% of households had the public network as their main source of water supply and each resident has a daily average of 43.8 liters/day, above the 2015 level of 38 liters.

Cabo Verdean authorities have made a commitment for a horizon of 2022-2026 to massify water supply networks, guaranteeing all households access to water supply through the public network and average per capita consumption from 43 to 90 liters per day, densification of access to the sewage network and domestic sanitary facilities, promotion of home water and sewage connections and the construction of sanitary facilities, prioritizing basic sanitation (solid waste and rainwater drainage and torrential correction), the densification of the production of desalinated water for human consumption, for irrigation and other purposes of economic activity, the promotion of the construction of controlled landfills, conversion of controlled landfills into sanitary landfills, closing dumps and building service centers at landfills.

One of the major reforms intended for the sector will be the effective operation of the “Água de Rega (irrigation water)” company, with the structuring of the water desalination project for irrigation in full operation by 2030, guaranteeing water balance for the boreholes and sustainability for groundwater. Carrying out the increase and densification of Wastewater Treatment Stations for agriculture and other commercial uses.

MAIN CHALLENGES

Cabo Verde has been implementing an «authentic change» of paradigm in relation to water and sanitation. Evidence of this is the investment made in the mobilization of surface and groundwater, as well as in the collection and treatment of wastewater, in addition to water for human consumption of desalinated origin. Eliminating environmental liabilities, guaranteeing sustainability in waste management, as well as changing people's behaviors and attitudes are challenges to be overcome.

There are still challenges considered relevant and that will contribute to the development of the Water and Sanitation Sector:

- The affirmation of the national authority equivalent to the State and Technical Regulator in matters of water, sanitation and waste;
- The affirmation of the national authority, as the Technical Regulator of Water and Sanitation, in terms of institutional relations and the improvement of quality services;
- The financial and operational viability of the sector and the improvement of income generation;
- The prioritization of the (liquid) Sanitation issue in all its dimensions;
- The pursuit and consolidation of the sector's planning process;
- The promotion and strengthening of water quality monitoring and control;
- Valuing Human Resources and creating skills for the water and waste sector.

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**IMPULSIONAR MUDANÇAS
E ACELERAR O DESENVOLVIMENTO**

DRIVING CHANGE AND ACCELERATING DEVELOPMENT

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PROGRAM OVERARCHING GOALS

The Water and Sanitation Program intends to achieve the following objectives:

- By 2026, reach 100% of the population with access to safe, inclusive drinking water, promoting gender equality and improving the accessibility and quality of services, especially in rural areas.
- By 2026, reach 90% of the population with access to sanitation services (sewage network and septic tanks) in a safe and inclusive way, promoting gender equality and improving the accessibility and quality of services, especially in rural areas.
- By 2026, reach 90% of the population, ensuring the promotion of gender equality, which disposes solid waste properly (placed in garbage containers or collected directly by garbage trucks).
- By 2026, reach 54% of the population, disaggregated by sex, covered by the waste treatment system and reach 93% of the population with the coverage of the waste collection system.

ONGOING AND PLANNED REFORMS

It is important for the sector to continuously adjust the governance model, with the adoption of "Sector Governance" instruments oriented towards promoting improvements in its management, technical regulation, monitoring the quality of services and the reliability of information with the society. In order to achieve the objectives, planning mechanisms, policies and strategies for the integrated management of water resources, sanitation and waste were created, which are part of the Government's strategy to guarantee everyone the right to water and to promote the development of Cabo Verde

In the context of improving the sector's governance and in addition to the approval of the Water and Sanitation Legal Regime and the Water and Sanitation Code, the following legal instruments were adopted during the course of the reform initiated in 2012: Decree Law of the general bases of the concession of management service, exploitation and distribution of water resources for irrigation; Decree Law that establishes the norms applicable to the management of Construction and Demolition Waste; Ordinance that establishes the technical norms related to the characterization of urban waste; Diploma that establishes the minimum content of the service regulation regarding the provision of urban waste management services to users; Legislation on the quality of water for domestic consumption; Legislation on the quality of treated wastewater discharges;

In this way, the country began to endow itself with very robust legislation, creating the consolidated bases of a credible sector that inspires confidence in civil society and companies.

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THE FINANCING REQUIREMENTS

Financing needs amount to 132.3 M Euros, distributed to 5 components:

1. Access to sustainable energy for mobilization and distribution of desalinated water intended for human consumption– 44,077,150 Euros.
2. Access to sustainable energy for mobilization and distribution of desalinated water for irrigation– 30,136,886 Euros.
3. Treatment and recovery of wastewater on the islands of Sal, São Vicente, Santiago, Boavista and Maio– 35,576,690 Euros.
4. Implementation of Santiago's urban waste management operational plan–7,998,912 Euros.
5. Implementation of the Health Plan (urban waste) from Boavista Island – 14,498,254 Euros.

OUTLOOK FOR THE SECTOR: THE PRIORITIZED PROJECT

CIRCULAR WATER AND WASTE ECONOMY PROJECT

KEY INFORMATION

TYPE OF OPPORTUNITY: Public-private partnership

NECESSARY RESOURCES: € 132.3 M Euros, distributed to 5 components:

6. Access to sustainable energy for mobilization and distribution of desalinated water intended for human consumption– 44,077,150 Euros.
7. Access to sustainable energy for mobilization and distribution of desalinated water for irrigation– 30,136,886 Euros.
8. Treatment and recovery of wastewater on the islands of Sal, São Vicente, Santiago, Boavista and Maio– 35,576,690 Euros.
9. Implementation of Santiago's urban waste management operational plan–7,998,912 Euros.
10. Implementation of the Health Plan (urban waste) from Boavista Island – 14,498,254 Euros.

DISTRICT ATTORNEY: Government from Cabo Verde/ ANA

PARTNERS: International Development Partners, Investors, Private Sector

LOCATION: All islands

BENEFICIARIES: population of Cabo Verde

STATUS: The project is in the resource mobilization phase for its implementation.

BENEFICIARIES: population of Cape Verde

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CONTEXT

Cabo Verde faces serious problems in terms of water and waste and has been creating conditions to mitigate their effects.

The scarcity of water resources, both for consumption and for irrigation, represents one of the main obstacles to the country's economic development.

The waste collection, final disposal and treatment system in the country is still deficient in the country. Coverage levels remain below expectations, considering the quality of the service provided and safeguarding public health and improving environmental conditions and people's well-being.

In this sense, in order to respond to the challenges facing the country, the Government of Cape Verde, through the National Water and Sanitation Agency (ANAS), intends to implement the Circular Economy of Water and Waste project, which is structured in five components

- 1. Access to sustainable energy for mobilization and distribution of desalinated water intended for human consumption**– aims to create efficient and environmentally friendly solutions, capable of filling this gap that necessarily involves options for exploiting groundwater and seawater desalination, on the one hand, and, on the other, the strict rationalization of water use. To this end, it will invest in the construction of Water Desalination Stations for public supply, as well as in the installation of sustainable energies for public water supply systems already installed and in a strong investment in the construction or rehabilitation of water supply and distribution networks for public supply built or rehabilitated.
- 2. Access to sustainable energy for mobilization and distribution of desalinated water for irrigation**– consists of the construction of Irrigation Water Desalination Stations, as well as the installation of sustainable energy production for irrigation water systems and the construction or improvement of irrigation water supply and distribution networks.
- 3. Treatment and recovery of wastewater on the islands of Sal, São Vicente, Santiago, Boavista and Maio**– consist of the creation of value chains with the aim of developing the Water and Waste Circular Economy project component, implementing wastewater collection and transport systems on the said islands, as well as the rehabilitation of Wastewater Treatment Stations and construction of treated wastewater adduction and distribution networks.
- 4. Implementation of Santiago's urban waste management operational plan**– aims to create the operational conditions for effective Management at the level of Waste Treatment Center (landfill, sorting unit and support units). Additionally, it aims to implement a waste transfer unit, community composting, as well as the acquisition of selective and undifferentiated collection equipment, for the transport of waste to and from waste treatment units.
- 5. Implementation of the Sanitary Plan (urban waste) on the island of Boa Vista**– with this component, ANAS intends to implement an equipped Waste Treatment Center (sanitary landfill, composting unit, sorting unit and support units), as well as the acquisition of collection equipment (selective and undifferentiated) and transport to the waste treatment.

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GOALS

This project aims to achieve the following objectives:

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- By 2026, reach 90% of the population with access to sanitation services (sewage network and septic tanks) in a safe and inclusive way, promoting gender equality and improving the accessibility and quality of services, especially in rural areas.
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REASONS TO INVEST

- Access to drinking water and basic sanitation is an essential, fundamental and universal human right, indispensable to a life with dignity and recognized by the UN. It is also a fundamental human right enshrined in Cabo Verde's constitution. Therefore, it is essential to create the conditions for the population to have access to this precise liquid in sufficient quantity and quality.
- It is crucial to ensure the development of fundamental and essential infrastructure.
- Promoting social inclusion with job and income generation in the production chain.
- New socioeconomic dynamics.
- Reduce distances and travel between a safe water source and homes without access to the network to levels below 10 minutes, prioritizing rural areas and people or groups at risk of being left behind (poor young girls and women, people with disability and elderly people);
- Good governance of the water and waste sector is an essential prerequisite for private sector investment and business development and economic growth.
- Investment in the water and waste sectors, improves the business and investment environment, especially private.
- Improvement and Localization of the SDGs
- Production of evidence (improved data and statistical information) that favors the definition and implementation of policies in the sector, with impacts in terms of the SDGs and the well-being of populations.
- Promote territorial cohesion.

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<i>Investment Impacts</i>	
Transformative Potential	HIGH: Its transformative role in reducing the environmental impact of human production, strengthening governance standards, and generating major social benefits, environmental and economic for the country.
Efficiency And Effectiveness	HIGH: The investments required for the implementation of the Circular Economy of Water and Waste project promote improving the quality of life of populations, with a direct impact on economy and environment in a cost-effective way.
Sustainable Development	HIGH: Maintains system-wide resiliency directly promoting the achievement of multiple SDGs, improving the country's capacity to adapt and mitigate the risks of both health emergencies and prolonged droughts and improve the quality of life, reducing inequalities and asymmetries.
Country Ownership	HIGH: Improved access to safe water and sanitation for all constitute investments of high priority and of utmost urgency, both for local authorities and for the government, which is specifically reflected in PEDS II.
Recipient Needs	HIGH: Cabo Verde is an archipelagic and Sahelian country, also belonging to the SIDS, with high levels of vulnerability and fragility, low incomes and high levels of poverty, especially in rural areas, particularly among women and female-headed households.
Investment Opportunities	HIGH: Opportunities for private sector investment and local entrepreneurs in building and offering local products and services to residents and non-residents.

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