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Smart City CV

# Cape Verde Smart City Foundation

*smart city is not about being rich or being big is about being smart*



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# Index

1. Introduction
2. Programs and projects
3. Project “**Smart Bairros**”
4. Project “**Nos Zona Smart**”
5. Partnerships



# 1- Introduction

- Who we are
- Why this project
- Smart city we promote
- Smart city Pillars



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## Who we are?

Cape Verde  
smart city foundation

- ▶ Non profit organization
- ▶ Founded in 2018, by eng. Loide Monteiro urban ambassador of UN-habitat cape Verde, businesswoman with over 20 years of experience in urban planning and development
- ▶ Partnership to implement the SDGs through the promotion of urban innovation
- ▶ Smart city Academy: research and development; skills development; business incubation; events



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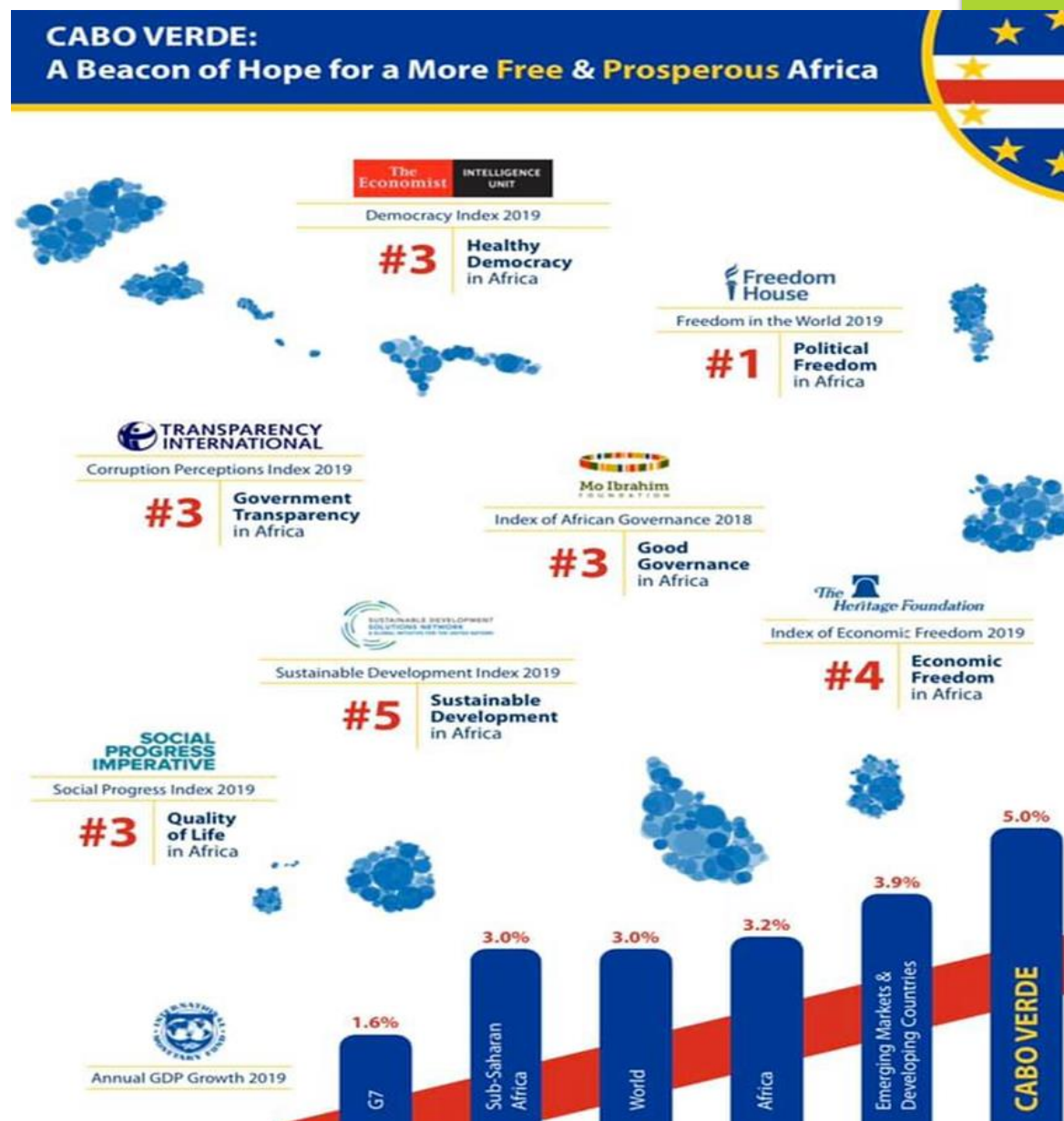
## Why this project?

### Global Challenges / Opportunities

- ▶ Covid 19
- ▶ Demographic growth
- ▶ Sustainable development
- ▶ Climate changes
- ▶ Inclusion
- ▶ Youth and unemployment challenges

## Why this project? (cont.)

Cape Verde seen  
abroad





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## Smart city we promote

### 4S Cities

- ❖ Smart
- ❖ Sustainable
- ❖ Safe
- ❖ Smile

- ▶ Creating an ecosystem of stakeholders: Governments, citizens, companies, associations, NGOs, universities, international institutions, etc. ;
- ▶ Within a certain territory (urban); engaged in a sustainable transition process;
- ▶ Aiming to ensure growth, prosperity, economic and social well-being and respect for the natural resources of this territory;
- ▶ Use of technologies: Digital, engineering, hybrid technologies, etc., as a facilitator, to achieve the proposed goals



# Smart City Pillars



## Smart People

Investing in the development of people's skills and knowledge, promoting creativity to find solutions to their own problems



## Smart Economy

Identify the DNA of the local economy, investing in technology, innovation, research and entrepreneurship, offering opportunities and promoting local wealth



## Smart Environment

Protection of the environment, preservation of biodiversity, efficient management of environmental resources, promoting green, interpersonal experiences, community spirit, circular economy, reducing carbon emissions



# Smart City Pillars (cont.)



## Smart Mobility

Mobility is a sector that affects people's quality of life and that promotes development must be thought of in an inclusive way, not only thinking about vehicles, but also for bicycles, pedestrians, the disabled, etc.



## Smart Governance

Responsive, transparent, accountable, BIG data, geospatial management, governing for residents, constantly improving public services, integration of the social and environmental economy with the participation of universities, the private sector and the population



## Smart Way of Living

Celebrate history, culture and nature, safety for residents, high quality public spaces, festivals, events that symbolize the rituals and values and aspirations of the community; promote art, engage artists to enrich the aesthetics of the day in the city, healthy living and sport



## 2 - Programs and Projects

# Smart City Academia

## Relevant Programs

### Smart Communities Settlements

Transforming Informal Settlements into Smart Settlements



### Nos Zona Smart Smart City Living Lab

Develop a Smart city Prototype





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## 2.1 - Smart Communities settlements





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# Smart Communities Settlement Activities



Community Diagnosis



Organize community  
management



Community empowerment  
with knowledge



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# Smart Communities Settlement Activities



Community empowerment  
with local economy



Community empowerment  
with environment



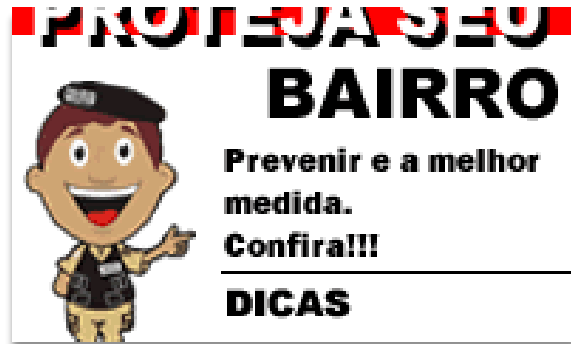
Community empowerment  
with healthy lifestyle





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# Smart Communities Settlement Activities



Community empowerment  
with Safety and security



Project Management



Project visibility and  
replication



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# Smart Communities Settlement Projects



## smart people transform the mind set

Transforming communities, promoting and improved quality of life for residents, with their participation



## Midjora Nha Vida (Working with Vulnerable Women)

Improve the quality of life of vulnerable women through skills development and entrepreneurship with the use of cryptocurrency



## Start Smart (Youth)

Improve the quality of life of youth through the development of technological skills with focus on future employment



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## 2.2 - Nos Zona Smart

Smart city prototype – Living lab



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# Nos Zona Smart

Smart City Living Lab

4S Cities – Smart – Sustainable – Safe with a Smille



## Objectives

- ❖ Develop a smart city prototype to showcase a smart city in cape verde
- ❖ Gather different existing smart solutions in the same space, promoting a smart city experience
- ❖ A space to develop knowledge and live smart and healthy



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# Nos Zona Smart

Smart City Living Lab

4S Cities – Smart – Sustainable – Safe with a Smille



## PERFORMANCE INDICATORS

- ❖ Co2 emission reduction
- ❖ Innovation
- ❖ Economic growth
- ❖ Jobs
- ❖ Quality of life





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## Nos Zona Smart

- **Area:** 40 ha
- **Location:** Municipality S. Domingos – 25 min From Capital Praia
- **Population:** 5000







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# Nos Zona Smart

## Smart City Living Lab Projects



### Smart Urban Design

- ✓ Buildings: Residences / Commercial / Services / Education / Health / Tourism / Culture / Sports / Entertainment
- ✓ Pedestrian Streets Bike Paths
- ✓ Public spaces
- ✓ Green spaces



### Smart and sustainable Infrastructure

- ✓ Water / Sanitation
- ✓ Energy
- ✓ Mobility / Transport
- ✓ Telecommunications



### Smart / Efficient / Sustainable Buildings

- ✓ Prioritize natural lighting and ventilation
- ✓ Sustainable solutions and efficient equipment
- ✓ Use of IoT and AI
- ✓ Safety
- ✓ Preventive maintenance



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# Smart City Academia

Programa e projetos sustentabilidade



Smart Health



Smart Tourism



Smart Urban  
Management



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# Smart City Academia

Programa e projetos sustentabilidade



Smart Agriculture



Smart Transaction



Smart city Academy



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## 3 – Partnerships



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# Partnerships

**The smart city concept promotes collaboration and co creation,  
It is a public and private partnerships Project**

- ▶ Public partners: Cape Verde Government and the Municipality of S. Domingos
- ▶ Private partners: private companies; universities; civil society organizations
- ▶ Considering this is a project to show case existing smart solutions, We are open for partnerships and collaboration which can add value and enrich the project with innovative and smart solutions





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## Contacts

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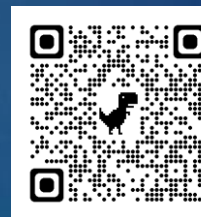
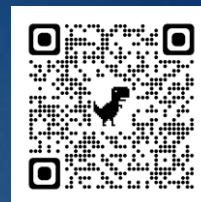
Email: [fundacao.smart.city.cv@gmail.com](mailto:fundacao.smart.city.cv@gmail.com)

[www.smartcity.org.cv](http://www.smartcity.org.cv)

Link E-Solidar:

<https://community.esolidar.com/br/crowdfunding/detail/78-projeto-midjora-nha-vida>

Thank You







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# Thank You

Loide Monteiro  
Set - 2021