Daba. Cities Antifragile Urban Practices in African Cities



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Daba.Cities - Why?

Rapid Urbanization Globally

+54% of the world's population live in urban areas in 2020, 66% of the world's population will live in urban areas in 2050.

African Population Growth

Exponential population growth is coupled by urban areas extension in African cities.

Climate Change Effects

Urbanization is among the causes of Increase of the GHG emissions and the heat within the cities

Inadequate Urban Planning

African city centres are not optimized in terms of urban density and infrastructure management.

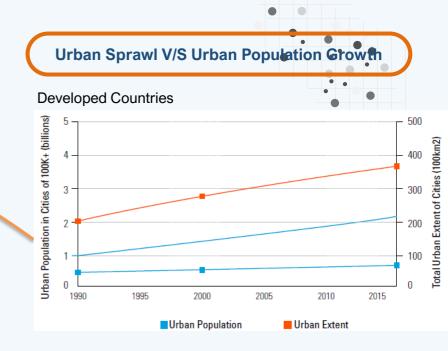




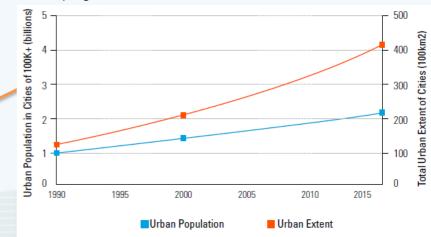
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Daba.Cities - Why?



Developing Countries



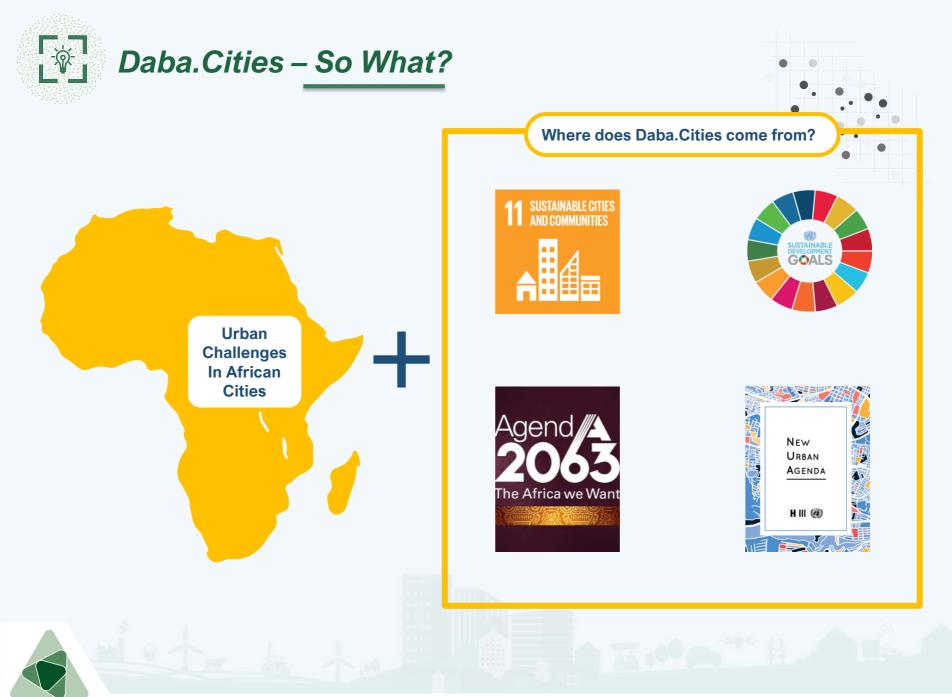
World Urbanization Prospects - © United Nations 2018

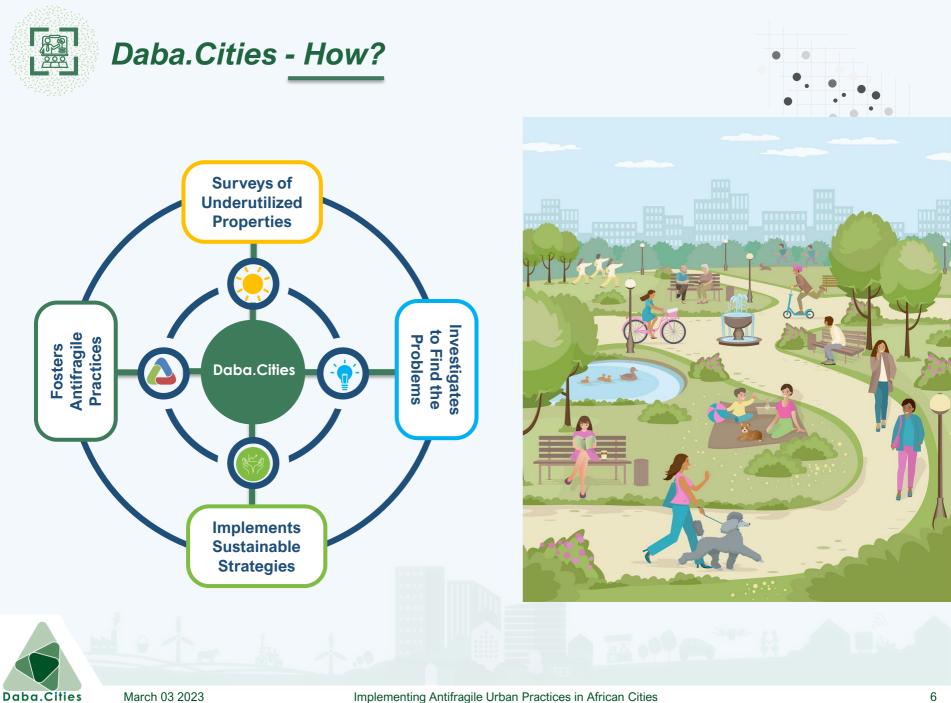
Between 1990 and 2015, the area occupied by cities in Developed Countries increased 1.8-fold, while their population only increased by 1.2-fold.

Meanwhile, the area occupied by cities in Developing Countries increased 3.5-fold and their populations doubled.



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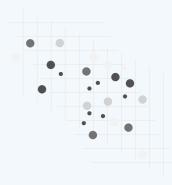






Daba.Cities - How?







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Daba.Cities - Where?

Rabat

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Most of the buildings in the city centres are occupied only on the ground and first level. Medina, Hassan, Etc,

Kenitra

Neighbourhoods around the train station are not optimized, a lot of empty sites and abandoned old buildings...

Tangier

Around boulevard Pasteur and Medina, there are many old abandoned buildings and empty sites...

Marrakesh

In the Mellah and around the Medina, many historical buildings have been abandoned...



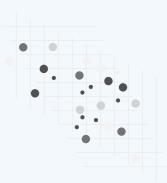
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03



Daba.Cities - Who?



Alanda A. KAMANA

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Amed OUEDRAOGO

Houda ER-RETBY









Founder & CEO

Architect, Urban Planner & Research at UM6P / SAP+D



Chief Technology Officer

Engineer & PhD Candidate in Machine Learning & AI at Ibn Tofail University



BIM & Construction Manager

Civil Engineer and Building Information Modelling specialist





Sustainability Lead

Renewable energy and sustainable materials expert PhD student at UM6P







Daba.Cities – Now What?

Daba.Cities Now

At this stage, we have exploratory surveys in 4 cities. We found that there is no available data on abandoned buildings in city centers. We need funds to implement and validate our business model in Morocco.

2023

2022 ()

Explorer Program

Daba.Cities team members Developed a business model and participated in UM6P-MIT Explorer program. Customer segments and market challenges have been identified. 2030

African Cities There is a need for adapted approaches to urban planning in African cities

Moroccan Cities

2025

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Our goal is to operate in five major cityregions in Morocco by 2025.

Life and Death of Cities

Abandoned buildings in the city center of Tangier inspired to study urban form lifecycle and urban sprawl phenomenon. © Jane Jacobs, 1961

2019 -

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Daba.Cities – LBMC



Key Activities

NGOs, Foundations, and UN-related & affiliated Organisations interested in Urban Antifragility & Spatial Justice, Environmental Protection, Sustainable Development, and Climate Change Mitigation.

City authorities who need research and data on urban area occupancy and expansion trends

Property owners who needs to optimise and capitalise on their abandoned buildings

Public and private institutions with unused offices with an interest in adaptative reuse of their properties

Systematically identify Empty Sites and Unoccupied Buildings in City Centres to inform Policy & Decision Makers.

Propose a mixed-use sustainable urban development strategy in city centres by introducing the antifragile restoration & rehabilitation concept of old buildings.

Key Resources

Oualified and commited Team members

Partnership with city authorities

Contacts of property Owners

Value Propositions

¥ Daba.Cities is a not-for-profit environmental and social enterprise implementing antifragile and sustainable urban practices in African cities. We promote compact and mixed-use sustainable urban renewal & (re)development by restoring and renovating old and abandoned buildings in city centres. We incorporate new water management and recycling systems, urban farming, and affordable and environmentfriendly construction materials to ensure the antifragility of restored/renovated buildings.

Customer Relationships

Establish financing structures for property restoration - renovation & rehabilitation and its overall management.

Communication about projects and activities on social media and making direct calls and sending emails to potential customers (NGOs, Property Owners, Investors, etc.)

Channels

Prospects, direct investigation, and surveys in African cities' urban dynamics...for city authorities and NGOs

Search for contacts and details about abandoned buildings in the databases of the Ministry of Urban Development, Housing and equivalent entities

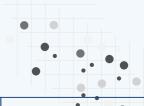
Revenue Streams

Contracts with public institutions and partnerships with NGOs

Commissions on rehabilitated properties

Commissions on privided urban data for investors

Funding for research on related topics





Property Owners (Old-abandoned buildings and empty sites in city centres) and new Urban Dwellers in search of Affordable Housing Opportunities, Offices, and Commercial Spaces Offers in City Centres

Venture Capitalists / Private Investors in Real Estate Restoration - Conservation and Public/Private Institutions in Urban Renewal and Rehabilitation

City Authorities, Private and Public Institutions concerned with Affordable Housing Programs, Cities' Compactness, Attractiveness & Vitality, Urban Security & Infrastructure efficiency, Territorial Planning & Sustainable Urban Development

Cost Structure

Business management and data analysis Softwares

Website and App development and Maintenance

City surveys, visits and Explorations

Research and related activities



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