



CAZENGA ATLAS

December 2012

INTRODUCTION	4	HOUSING	12
WATER	6	EDUCATION	14
SANITATION	8	HEALTH	16
SOLID WASTE	10	HOW TO PARTICIPATE	18

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Cazenga Atlas: Table of Contents

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INTRODUCTION	4	HOUSING	12
WATER	6	EDUCATION	14
SANITATION	8	HEALTH	16
SOLID WASTE	10	HOW TO PARTICIPATE	18

TABLE OF FIGURES

SOURCE

HISTORY OF CAZENGA	<i>Development Workshop Survey (2012)</i>
CAZENGA POPULATION BY COMMUNA AND BY AGE	<i>Administração Municipal; Programa Municipal Integrado de Desenvolvimento e Combate à Pobreza; Development Workshop Survey (2012)</i>
PRICE PAID PER 20 LITER CONTAINER BY PROPORTION OF POPULATION	<i>Development Workshop</i>
WATER SERVICE AND PRICE	<i>Development Workshop Survey (2012)</i>
ACCESS TO SANITATION BY PROPORTION OF HOUSEHOLDS	<i>Development Workshop Survey (2012)</i>
OVERCROWDING – NUMBER OF PEOPLE PER HOUSEHOLD	<i>Development Workshop Survey (2012)</i>
CAZENGA SCHOOLS – NUMBER AND TYPES OF EDUCATIONAL FACILITIES IN CAZENGA	<i>Direcção Municipal da Educação</i>
FUTURE DEMAND – NUMBER OF CHILDREN AGE 0 TO 5	<i>Programa Municipal Integrado de Desenvolvimento e Combate à Pobreza</i>
DISEASES AFFECTING CHILDREN – NUMBER OF HH REPORTING PROBLEM IN PREVIOUS MONTH	<i>Development Workshop Survey (2012)</i>

CREATED BY THE CAZENGA FORUM IN COLLABORATION WITH



BILL & MELINDA
GATES foundation



Introduction: Inside the Cazenga Atlas

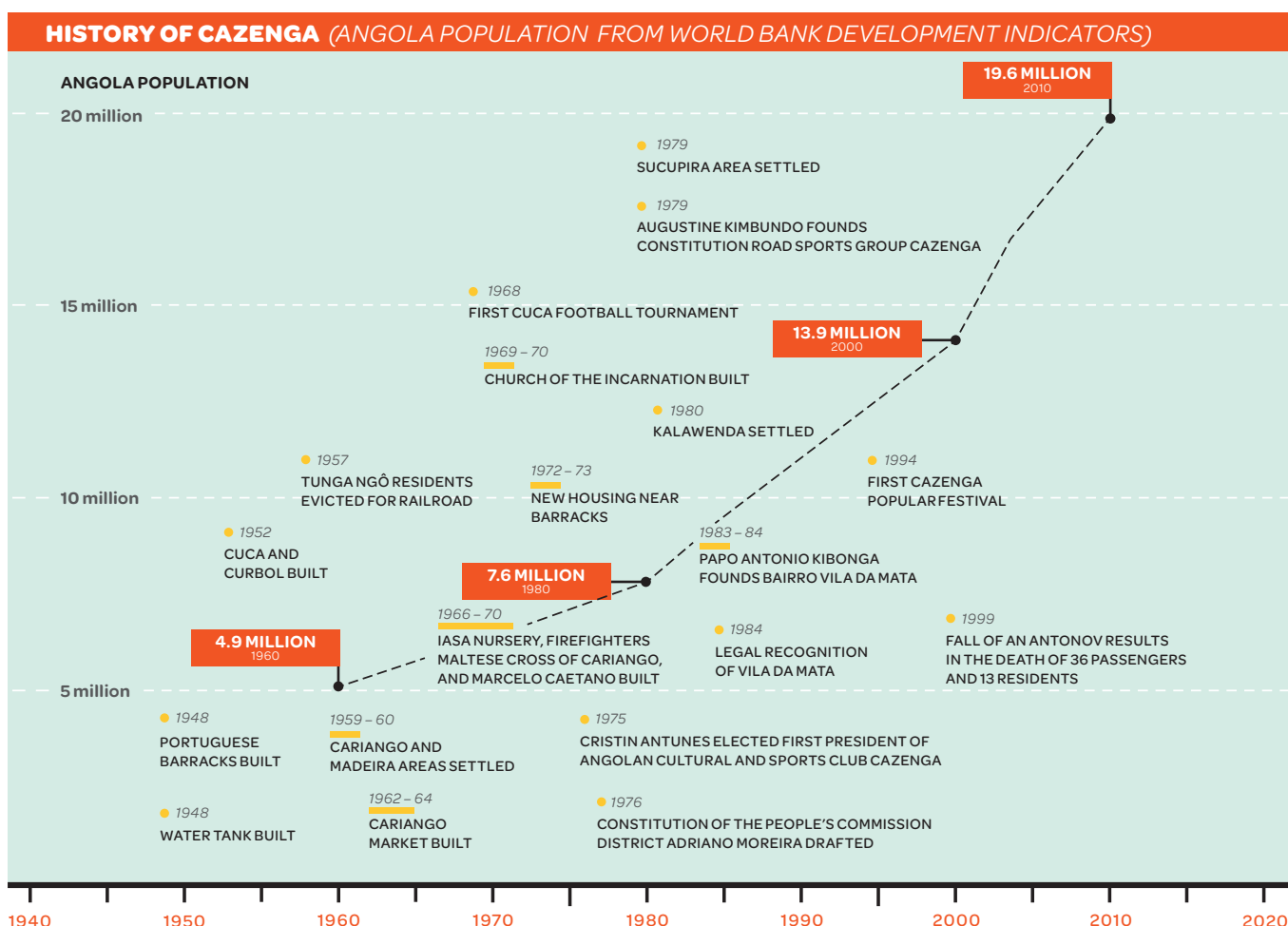
A GROWING MUNICIPALITY

Cazenga's 24 bairros are changing every day. Over 100 people move to Cazenga each day – about 50,000 per year. While population brings opportunities to improve the local economy, with so many new residents there is also increased pressure on basic services. The Cazenga Forum has been working to bring services to the area during this time of fast-paced growth. This atlas is a benchmark to measure progress towards the Forum's aim of improved services for all.

The Cazenga Atlas provides information about residents and the status of basic services today so in the future, residents can look back and know whether Cazenga is better off than before. In addition, it describes social programs and local institutions that are creating solutions for the problems faced by residents.

INFORMATION TO EMPOWER

Anyone who reads this atlas should feel empowered by learning about Cazenga because it is the result of the



ESTIMATES OF CAZENGA'S POPULATION VARY WIDELY, MAKING IT A CHALLENGE TO DETERMINE THE LEVEL OF NEEDED SERVICES.

collaboration of the Cazenga Forum, residents, community organizations, the municipal government, and Development Workshop. From June to November 2012, these groups worked together to gather data and present it here.

The Cazenga Atlas can be used by community members and local government to study the characteristics and conditions of the community. It provides the Cazenga Forum with information to support their discussions with local government and

gives examples of how residents are improving Cazenga through innovative programs that can be replicated.

The Cazenga Atlas marks a moment in time. A few years from now, residents can ask whether conditions have improved in Cazenga and have concrete reference points to know whether they have. This information makes it easier and more transparent to track whether the priorities of residents are being met and also provides tools for holding service providers accountable.

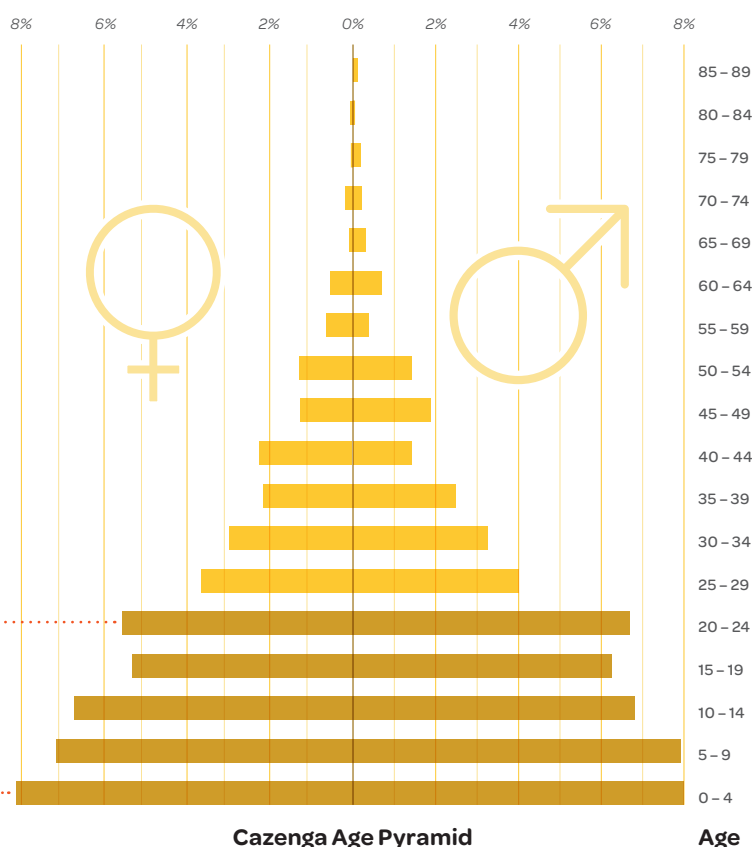
CAZENGA POPULATION BY COMMUNA AND BY AGE



POPULATION	OFFICIAL ESTIMATE	SURVEY
Hoji Ya Henda	27,260	651,000
Cazenga	429,770	799,000
Tala Hady	211,591	623,000
TOTAL	668,621	2,073,000

YOUTH BULGE

Over one-third of Cazenga residents are under the age of 24 – this is a large group with needs for education and employment.



Water: Improved stand posts, but still expensive

A COMMUNITY APPROACH

Lusia is a volunteer for her local AMOGEC, the neighborhood water committee that takes care of the standpipe in her bairro. Lusia has been in Cazenga for five years, but only this year has the standpipe started to work. With the introduction of the standpipe, water has become more affordable and therefore accessible to Lusia's neighbors. Prices dropped to 5 Kz. per 20 liter container – which is the official price.

"Water is an important part of everyone's life. Water is life! Without water you can't do anything. You can't clean, cook, or drink," Luisa says. Water is the priority issue for

Cazenga residents, especially for women who have the primary responsibility for fetching water and carrying the heavy containers home.

She enjoys volunteering because she can provide a service for others. Once in a while, she has to put things in order: "Sometimes people try to jump the queue, but I get them in line," she says. Yet even though water has become more affordable in her area, the price remains expensive throughout Cazenga.

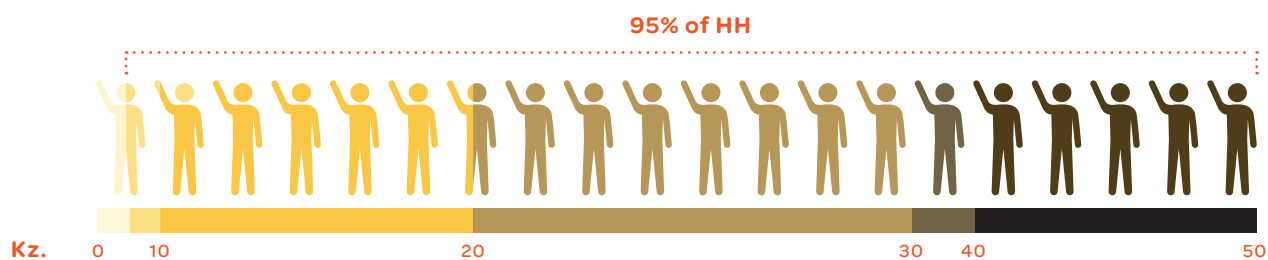


SOLUTION: AMOGEC

AMOGECs ARE RESIDENT COMMITTEES WHO VOLUNTEER TO SUPPORT WATER DISTRIBUTION FOR THEIR BAIRROS. THEY WORK TOGETHER WITH LOCAL GOVERNMENT TO IDENTIFY LOCATIONS FOR STANDPIPES AND MAKE SURE PAYMENTS ARE COLLECTED AND USED FOR MAINTENANCE.

COMMUNITY PARTICIPATION ENSURES THAT RESIDENTS MAKE DECISIONS ABOUT HOW STANDPIPES ARE DISTRIBUTED THROUGHOUT THE BAIRRO. THE INVOLVEMENT OF RESIDENTS ALSO PROMOTES TRANSPARENT MANAGEMENT OF THE SERVICE.

PRICE PAID PER 20 LITER CONTAINER BY PROPORTION OF POPULATION



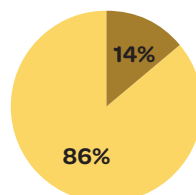
WATER IS EXPENSIVE: 95% OF HH PAY MORE THAN THE OFFICIAL "REAL PRICE" OF 5 KWANZA FOR 20 LITERS OF WATER.



LACK OF ACCESS

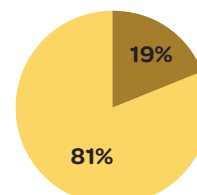
Only 14% of people in Cazenga have access to water in their homes. Yet even though most people rely on standpipes, 81% think the prices are too expensive.

% HH without Public Water Service



WITH SERVICE
WITHOUT SERVICE

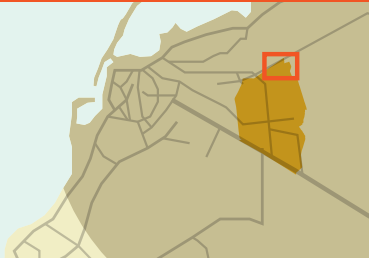
% HH Don't Think Price of Water is Right



PRICE RIGHT
PRICE NOT RIGHT

HOJI-YA-HENDA: TIME LOST FETCHING WATER

- + STAND PIPE
- 100 METER WALKING AREA
- 200 METER WALKING AREA



Water Not Available



Waiting in Line



Long Way to Walk

"THERE'S BEEN NO CHANGE, THERE'S NEVER GOOD SERVICE."

"IMPROVED, NOW WATER IS NOT LACKING FROM THE STANDPIPE LIKE BEFORE."

"IT'S IMPROVED BECAUSE THERE ARE MORE STANDPIPES."

"NOTHING CHANGES BECAUSE THE DIFFICULTIES CONTINUE."

RUATIKC

RUANGOLA KILUANJE

200M

Sanitation: Reducing health risks at home

LATRINES AND HEALTHY BAIRRO ENVIRONMENT

Dona Anantonia was born 60 years ago and has live in Cazenga for 40 of them. Just eight years ago, her family constructed a dry-pit latrine behind their house. Latrines are a critical service because they reduce exposure to human waste that carries diseases like cholera. With the new latrine, Dona Anantonia's grandchildren are less likely to become ill and their house is cleaner.

"I feel good because I have a healthy life with the latrine and my grandchildren and

I avoid illnesses. It's a clean place for us to use, with no flies that carry diseases," she says.

Anantonia participated in the Community Latrine Program, which built latrines in Cazenga between 2004 and 2006 and educated residents about their use. Knowing how important the latrine is for her and her family, Dona Anantonia's message for others is that she wants everyone to have a latrine so that Cazenga is a clean and healthy place.



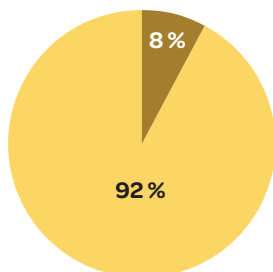
SOLUTION: LATRINE PROGRAM

LATRINES WERE INSTALLED ACROSS CAZENGA AS PART OF THE COMMUNITY LATRINE PROGRAM BETWEEN 2004 AND 2006. LOCAL GOVERNMENT, CHURCHES, SCHOOLS, AND NGOS WORKED TOGETHER TO CONSTRUCT LATRINES AND EDUCATE RESIDENTS ABOUT PERSONAL AND COLLECTIVE HEALTH.

IN DOING SO, THE NUMBER OF ILLNESSES DECREASED IN CAZENGA AND THE PHYSICAL ENVIRONMENT BECAME CLEANER. NEIGHBORS ENCOURAGED EACH OTHER TO BUILD LATRINES SO EVERYONE COULD BENEFIT FROM A CLEANER AND HEALTHIER ENVIRONMENT.

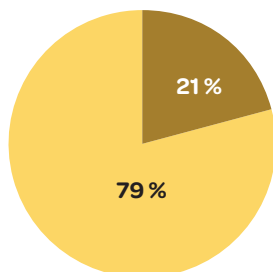
ACCESS TO SANITATION BY PROPORTION OF HOUSEHOLDS

% HH with Sanitation (Cazenga)



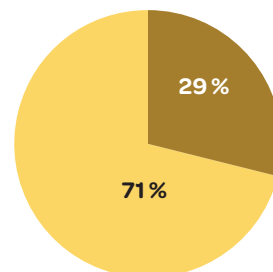
HH WITH SANITATION
HH WITHOUT SANITATION

% HH with Connection to Sewer System (Cazenga)



HH WITH SEWER CONNECTION
HH WITHOUT SEWER CONNECTION

% HH with Connection to Sewer System (Luanda)



HH WITH SEWER CONNECTION
HH WITHOUT SEWER CONNECTION

LATRINES REDUCE HEALTH IMPACTS OF USING IMPROVISED AREAS FOR SANITATION.

WHEN LATRINES ARE INSTALLED IMPACTS OF SANITATION ON ENVIRONMENT DECREASE



Solid Waste: Waste collection comes to residents

PUBLIC SPACES FREE OF HOUSEHOLD WASTE

Mecias is 23 years old and has a job driving a tractor throughout to collect household waste with crews of municipal workers.

Mecias has lived his entire life in Cazenga and recently started this job. “It’s my responsibility to my people. I’ve been sent to the community to do my part,” he says. He’s proud to make this contribution and feels that by removing waste, his team is making the bairro cleaner and healthier.

“You can breathe pure air now,” one of Mecia’s neighbors said. Household

waste collection has especially benefitted children who can now play where there were rubbish piles blocking roads and paths.

“Instead of people having to go to where the waste collection is, we go to the waste!” Mecias says.

The waste collection program is being piloted throughout Cazenga. Tractors are essential for driving over Cazenga’s rugged, narrow lanes.



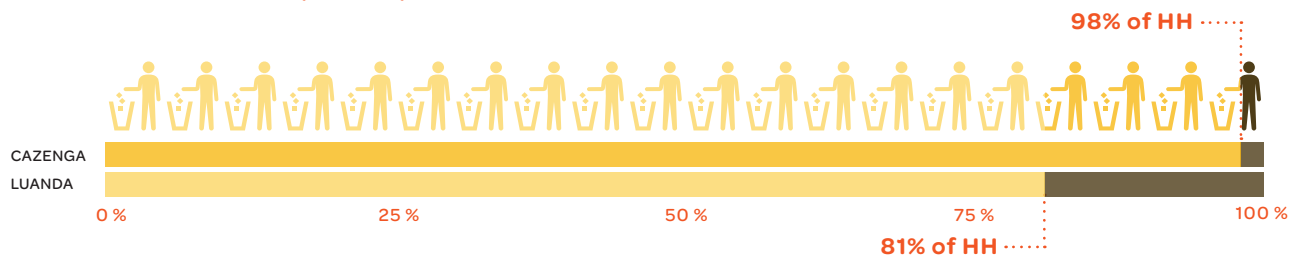
SOLUTION: RUBBISH COLLECTION

LOCAL WASTE COLLECTION IS A MUNICIPAL SERVICE THAT AIMS TO IMPROVE HEALTH CONDITIONS IN CAZENGA BY REMOVING RUBBISH FROM AREAS THAT ATTRACT RODENTS AND INSECTS. THE PROGRAM ALSO FREES PUBLIC SPACES FROM WASTE, WHICH IMPROVES MOBILITY.

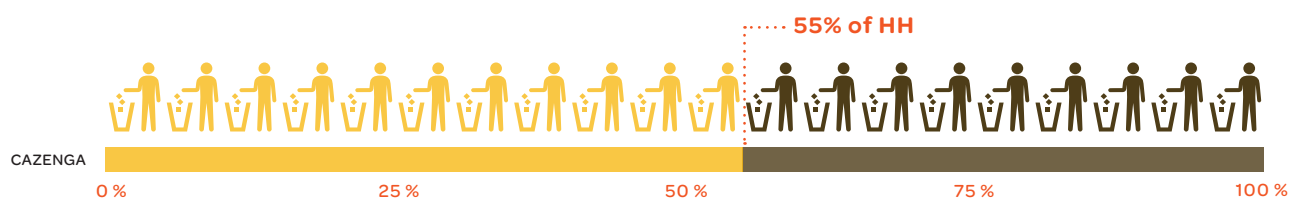
RESIDENTS CAN PARTICIPATE IN THE PROGRAM BY PUTTING WASTE OUTSIDE OF THEIR HOUSE ON THE DESIGNATED DAYS OF THE WEEK. THE PROGRAM ALSO CREATES EMPLOYMENT OPPORTUNITIES IN CAZENGA BY HIRING RESIDENTS TO WORK ON THE WASTE COLLECTION TEAMS.

ACCESS TO SANITATION BY PROPORTION OF HOUSEHOLDS

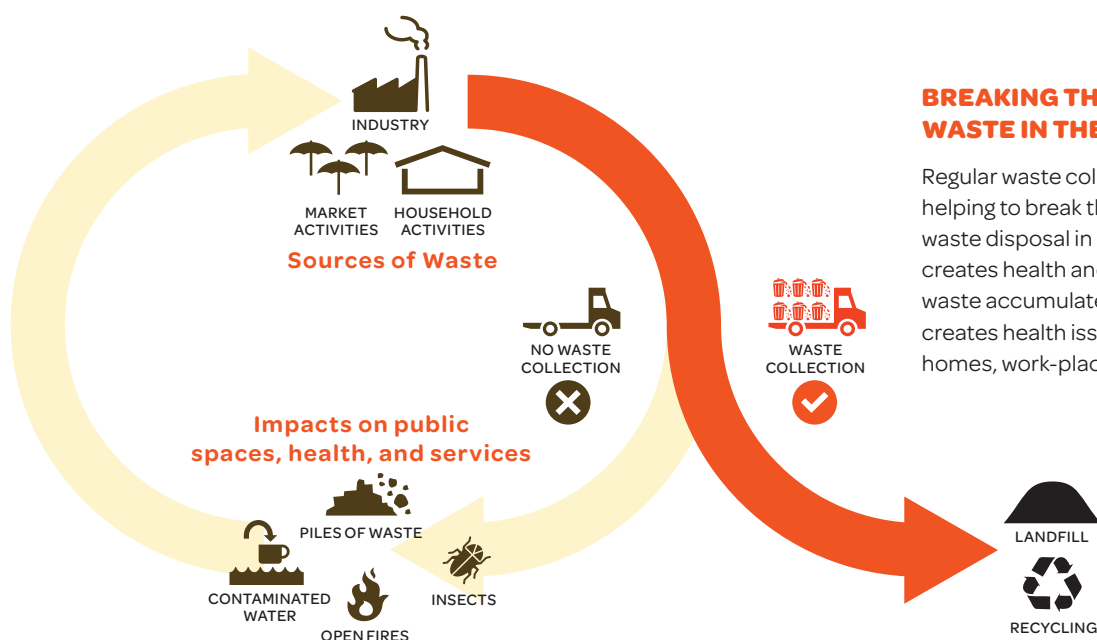
% HH with Weekly or Daily Rubbish Collection



% HH that Think the Neighborhood is Dirty



CAZENGA IS DOING BETTER THAN LUANDA AS A WHOLE IN TERMS OF REGULAR SOLID WASTE COLLECTION.



BREAKING THE CYCLE OF WASTE IN THE PUBLIC REALM

Regular waste collection in Cazenga is helping to break the cycle of inadequate waste disposal in public spaces, which creates health and safety risks. When waste accumulates in public spaces, it creates health issues which also impact homes, work-places, and markets.

Housing: Incremental building creates flexibility to save

STEP BY STEP CONSTRUCTION

Manuel Antonio is 32 years old. Even though he has lived in Cazenga his entire life, he has always been working on building his house.

“Construction of a house is a process. First I built one room, after that I built a living room. Slowly but surely I’ve been adding more rooms,” Manuel says. Incremental construction is practiced by many in Cazenga because it allows people to build houses based on their needs and financial resources – which are always changing.

“There was a need to enlarge the house when I got married and started to have

kids,” says Manuel. “It wasn’t enough for the three of us to live in one bedroom. So my wife and I earned money and started to enlarge the house.”

Building houses over time means families can be flexible about how they save money and how they invest in their home. Staying in one place also means they benefit in the long-term from their family networks and proximity to employment.

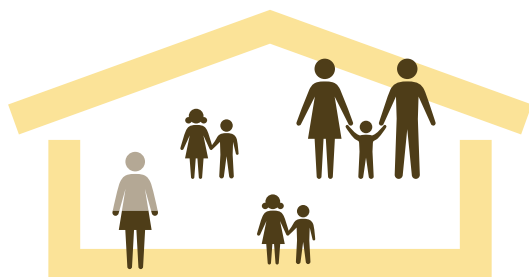


SOLUTION: KIXICASA MICROFINANCE

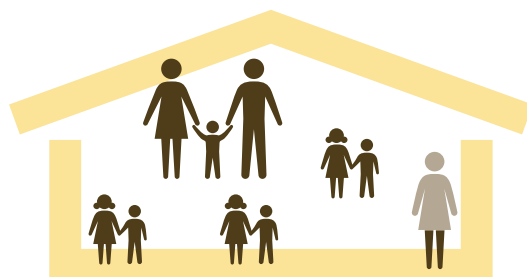
THE KIXICASA MICRO-FINANCE PROGRAM PROVIDES FAMILIES IN HUAMBO WITH THE OPPORTUNITY TO ACCESS SMALL LOANS TO IMPROVE THEIR HOUSES BY UTILIZING THE “SOLIDARITY GROUP” LENDING METHOD.

KIXICASA MAKES THESE LOANS AVAILABLE TO ECONOMICALLY ACTIVE POOR FAMILIES SO THAT THEY CAN PURCHASE BRICKS, CONCRETE, AND ROOF MATERIALS. THE LOANS HAVE A 10-MONTH REPAYMENT PERIOD AND ENABLE FAMILIES TO EXPAND AND IMPROVE THEIR HOMES WHEN THEY CAN AFFORD IT.

OVERCROWDING NUMBER OF PEOPLE PER HOUSEHOLD



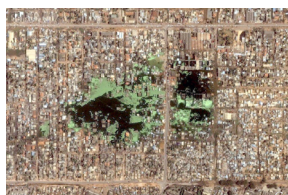
Luanda = 7.5 People / HH



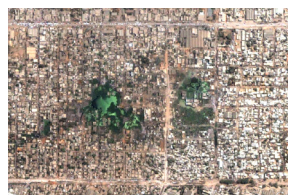
Cazenga = 9.3 People / HH

PHYSICAL VULNERABILITY

More residents are exposed to floods and other physical risks each year as more people move into Cazenga, which creates pressure to build housing on land near streams and lagoons. In 2010, there were 13,600 residents in 1,950 houses living in vulnerable areas such as this one in Hoji ya Henda.



YEAR: 2001



YEAR: 2005



YEAR: 2011

ENCROACHMENT ON LAGOONS PHYSICAL VULNERABILITY OF HOUSING

"EVERYONE WANTS TO LIVE IN A BETTER HOUSE."

"THE POPULATION HAS INCREASED, IT DOESN'T STOP GROWING"

"THERE ARE ALWAYS NEW PEOPLE."

✓ Housing Set-back from Flooded Area

✗ Housing Built in Lagoons and Areas that Flood

There are 1,950 houses constructed in or near streams, gullies, and lagoons in Cazenga – that means 13,600 people are living in vulnerable areas.



Education: Schools important for development of Luanda

HIGH NEED FOR NEW SCHOOLS

Pedro is 22 years old and his two daughters, Gracia and Chimima, attend a crèche in Cazenga.

“Education it what makes a child into a human being,” says Pedro, who travels seven kilometers every day to take his girls to the crèche. Education is critical for the future of Cazenga. Twenty-seven percent of residents are under the age of 19. Getting a good education at all school levels – pre-, elementary, and high school – is needed to gain employment as an adult.

More educational facilities are needed in Cazenga, including crèches like the one Dona Maria runs for 145 children. Existing facilities also need investment – 47 percent of public schools in Cazenga are in need of repair.

Crèches also benefit parents. Since his children are taken care of during the day, Pedro works as a street vendor. “Education is preparation for the future,” he says.

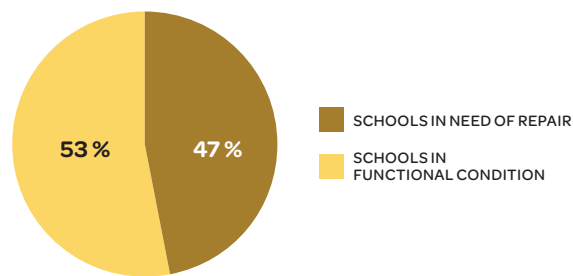
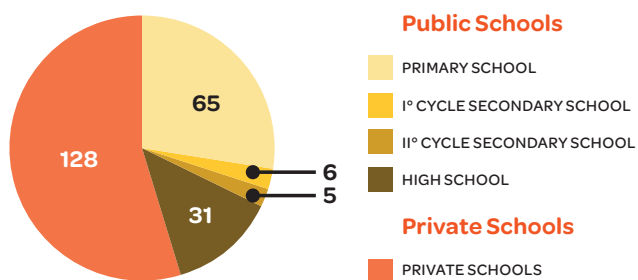


SOLUTION: COMMUNITY CRÈCHE

DONA MARIA'S COMMUNITY CRÈCHE CARES FOR FIVE-YEAR-OLDS, TEACHING THEM SKILLS IN READING, WRITING, AND SPEECH. THE CRÈCHE PROVIDES A SERVICE TO PARENTS SINCE THEY CAN WORK DURING THE DAY, THEREBY SUPPORTING THE ECONOMIC ASPIRATIONS OF FAMILIES. CRÈCHES PREPARE CHILDREN TO QUALIFY FOR ENTRANCE TO PUBLIC ELEMENTARY SCHOOL AT AGE SIX.

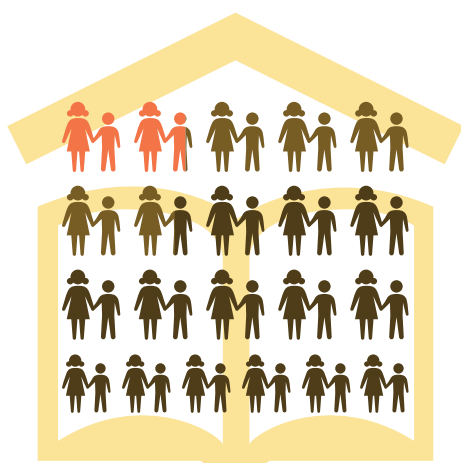
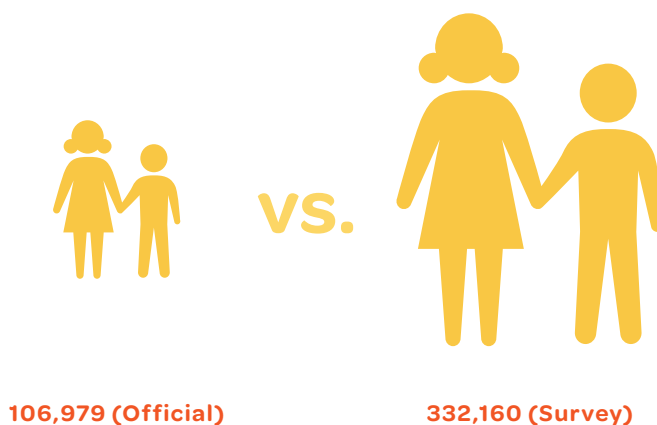
MORE CRÈCHES ARE NEEDED IN CAZENGA, HOWEVER, SO THAT CHILDREN WILL CROSS THIS CRITICAL MILESTONE – WHICH HAS MAJOR IMPLICATIONS FOR YOUNG PEOPLE'S LONG-TERM EMPLOYMENT OPPORTUNITIES.

CAZENGA SCHOOLS NUMBER AND TYPES OF EDUCATIONAL FACILITIES IN CAZENGA



FUTURE DEMAND NUMBER OF CHILDREN AGE 0 TO 5

POPULATION COUNTS VARY, WHICH MEANS THAT BETWEEN 100,000 AND 300,000 CHILDREN WILL ENTER SCHOOLS IN THE NEXT 5 YEARS.



= 20,000 CHILDREN
 CHILDREN OUT OF SCHOOL
 CHILDREN OF SCHOOL-GOING AGE (OFFICIAL)
 CHILDREN OF SCHOOL-GOING AGE (SURVEY)

RANGE OF EDUCATIONAL NEEDS



Health: Protecting the health of children

PREVENTING INFECTIONS

Dona Luisa is a 32-year-old high school teacher. She spends every day with the youth of Cazenga and so is well-aware of the impacts health problems have on how students do in school.

One area of improvement she has seen is the use of mosquito nets, which reduces cases of malaria among children.

“Instead of having consequences, we have benefits,” Dona Luisa says. A municipal government program distributes mosquito nets to parents. Local crèche administrators also say fewer children in

Cazenga are arriving at school with the fever typical of malarial infection. Even so, an astounding 30 percent of households report that a child has contracted malaria in the last month.

Good health is directly related to children’s ability to succeed in their education, which has long-term implications for Cazenga. So municipal health programs should continue to coordinate their efforts with community organizations and schools.

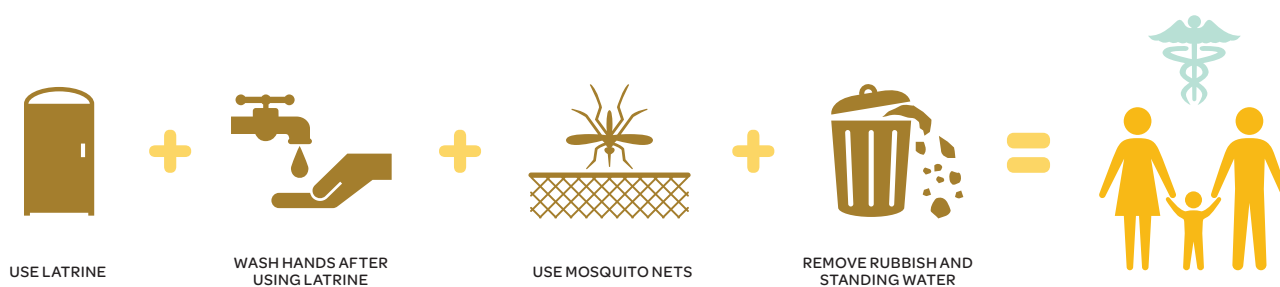


SOLUTION: MOSQUITO NET PROGRAM

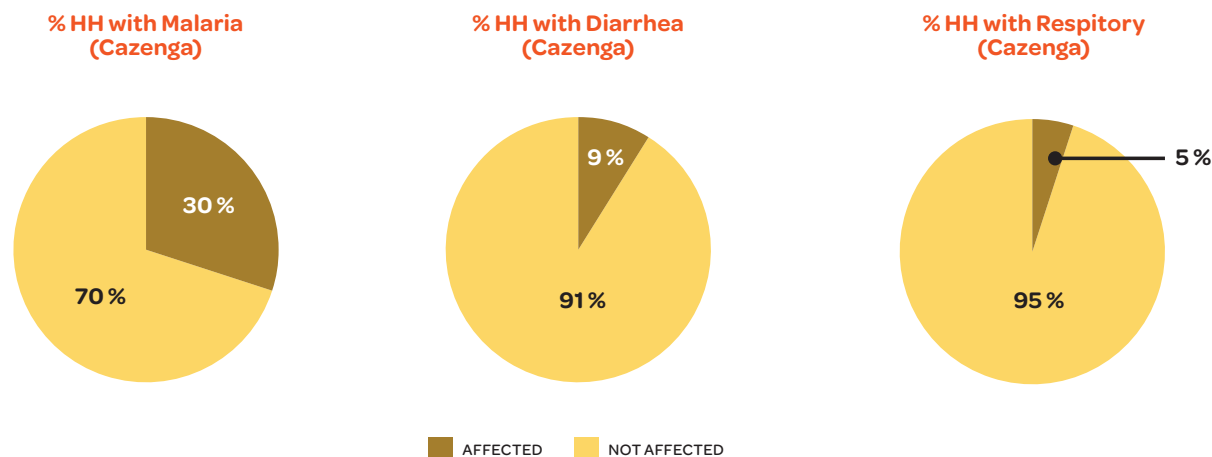
THE CAZENGA MOSQUITO NET DISTRIBUTION PROGRAM LAUNCHED IN APRIL 2012. IT IS COORDINATED BY THE MINISTRY OF HEALTH WITH THE HELP OF LOCAL HEALTH FACILITIES AND CRÈCHES.

HEALTH WORKERS DISTRIBUTE THOUSANDS OF MOSQUITO NETS AND EDUCATE PARENTS ON HOW TO INSTALL THEM TO PROTECT CHILDREN DURING THE NIGHT. THE RESULT HAS BEEN A SIGNIFICANT DECREASE IN THE NUMBER OF MALARIA CASES AND DEATHS, AND AN IMPROVEMENT IN THE WELL-BEING OF THE COMMUNITY.

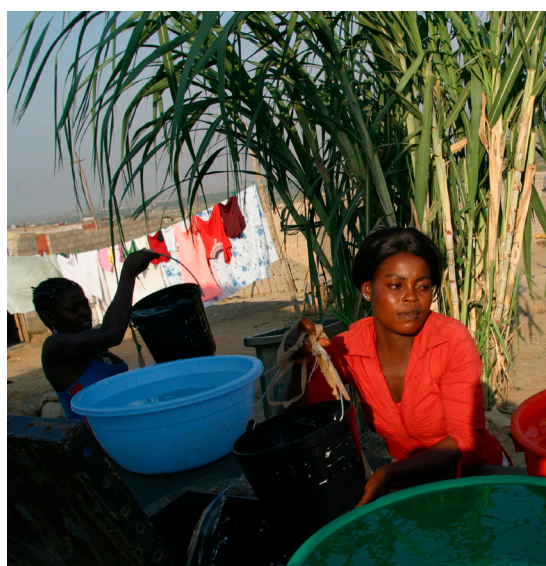
STEPS FOR IMPROVING PUBLIC HEALTH



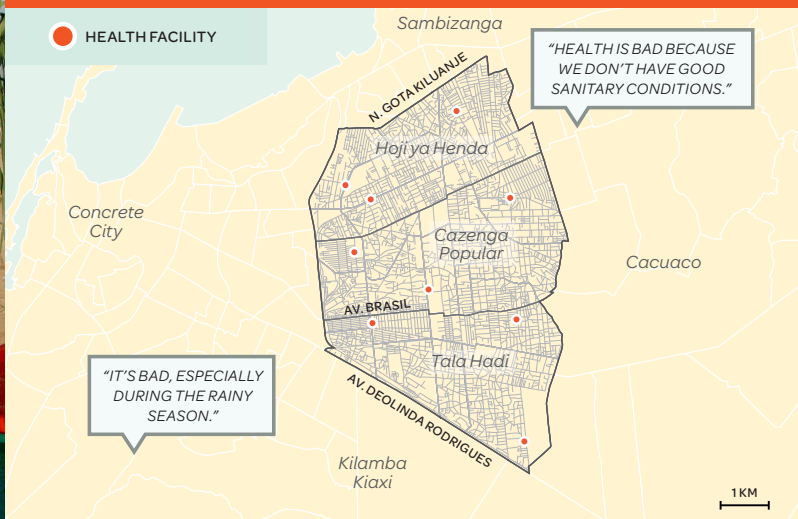
DISEASES AFFECTING CHILDREN NUMBER OF HH REPORTING PROBLEM IN PREVIOUS MONTH



THERE ARE ONLY NINE PUBLIC HEALTH CENTERS IN CAZENGA TO SERVE OVER ONE MILLION RESIDENTS.



HEALTH FACILITIES LOCATIONS



How to Participate: The Forum is the Voice of Cazenga

JOIN A COMMUNITY ORGANIZATION

Lend support to one of Cazenga's many local community organizations. They are doing everything from training young people skills, teaching children to read and write, raising awareness about gender and health issues like HIV/ AIDS, and publishing local newspapers. Support your community by finding a group and volunteering to give them support.

THE CAZENGA FORUM

The Cazenga Forum is an association of all the civil society groups in Cazenga and meets regularly with municipal government to discuss community needs.

SPEAK TO YOUR LOCAL GOVERNMENT OFFICIAL

Contributions and concerns can be brought to the Municipal Government and citizens can interact with officials.

CAZENGA.FORUM.ANGONET.ORG

Citizens can follow recent news, access information and post comments on a new website created specifically for the citizens of Cazenga. The website, www.cazenga.forum.angonet.org, regularly posts information about basic services and articles to keep citizens up to date about their community.

CAZENGA FORUM MEMBERS REGULARLY MEET TO DISCUSS COMMUNITY ISSUES



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FORUM CAZENGA

CAZENGA ATLAS – DECMEBER 2012