

IGNITE PRESENTATION
STATE OF THE MAP AFRICA

OPEN CITIES ZANZIBAR



JUSTUS MUHANDO



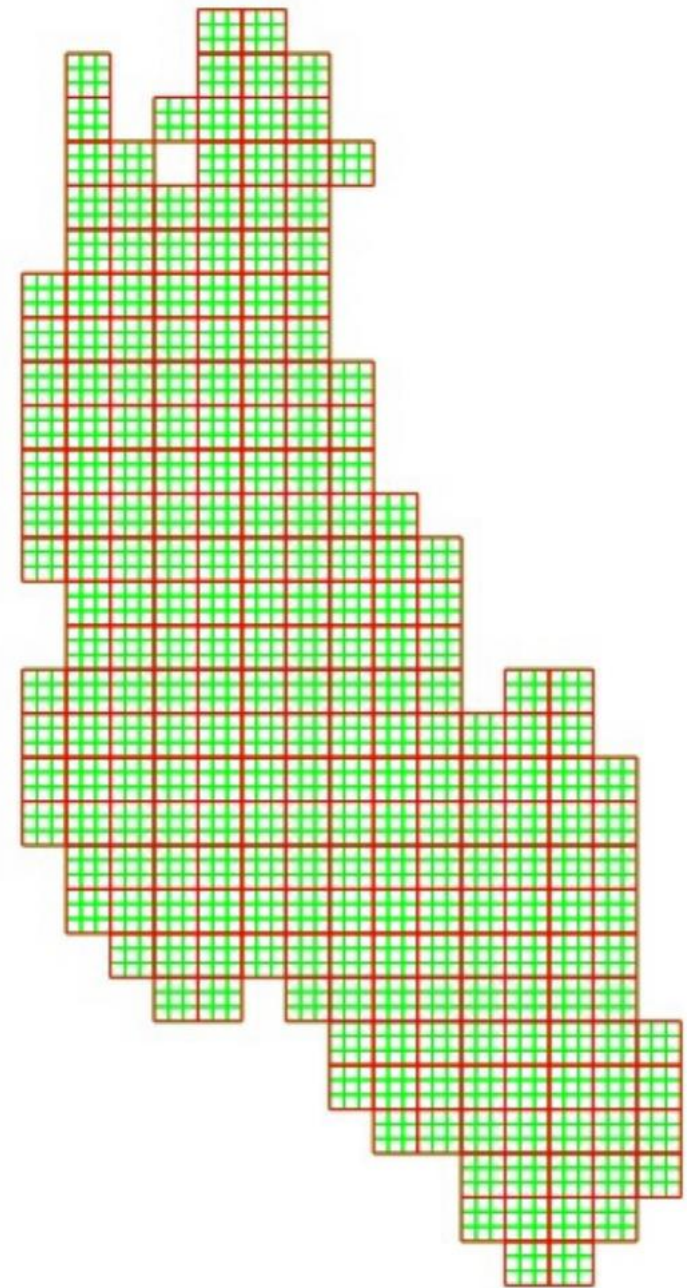
Step 1

Digitizing the Outputs of the Zanzibar Mapping Initiative

MORE THAN 2600 KM SQ

THE LARGEST IN THE WORLD

BASIS FOR DIGITIZATION





LAB SET UP AT COLA

QUALITY CONTROL STANDARDS ESTABLISHED

80 COLA STAFF AND SUZA STUDENTS

500,000 BUILDINGS MAPPED

ALL DATA CHECKED AND CORRECTED

BUILDING REFERENCE NUMBERS ASSIGNED



Spatial Collective 2019

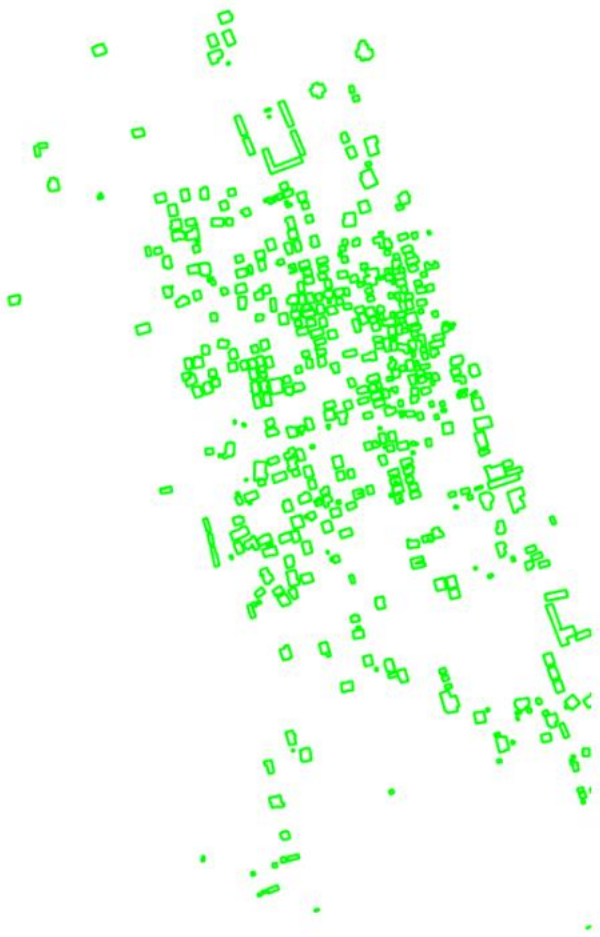


Zanzibar

500,000 BUILDINGS

Quality

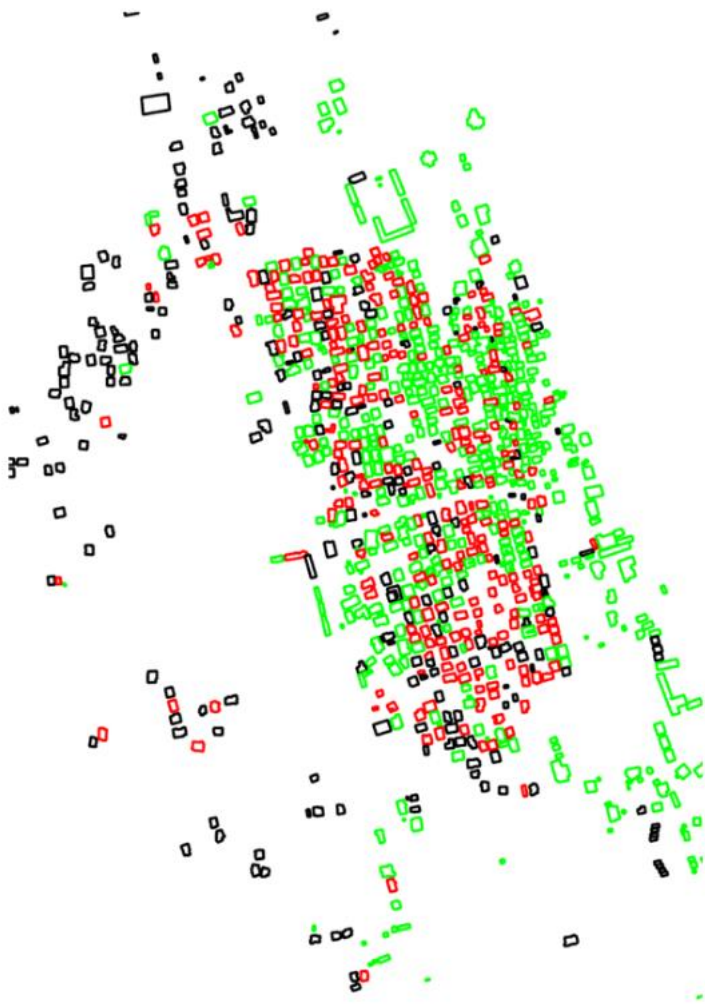
ACCEPTED BY STAKEHOLDERS



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Step 2

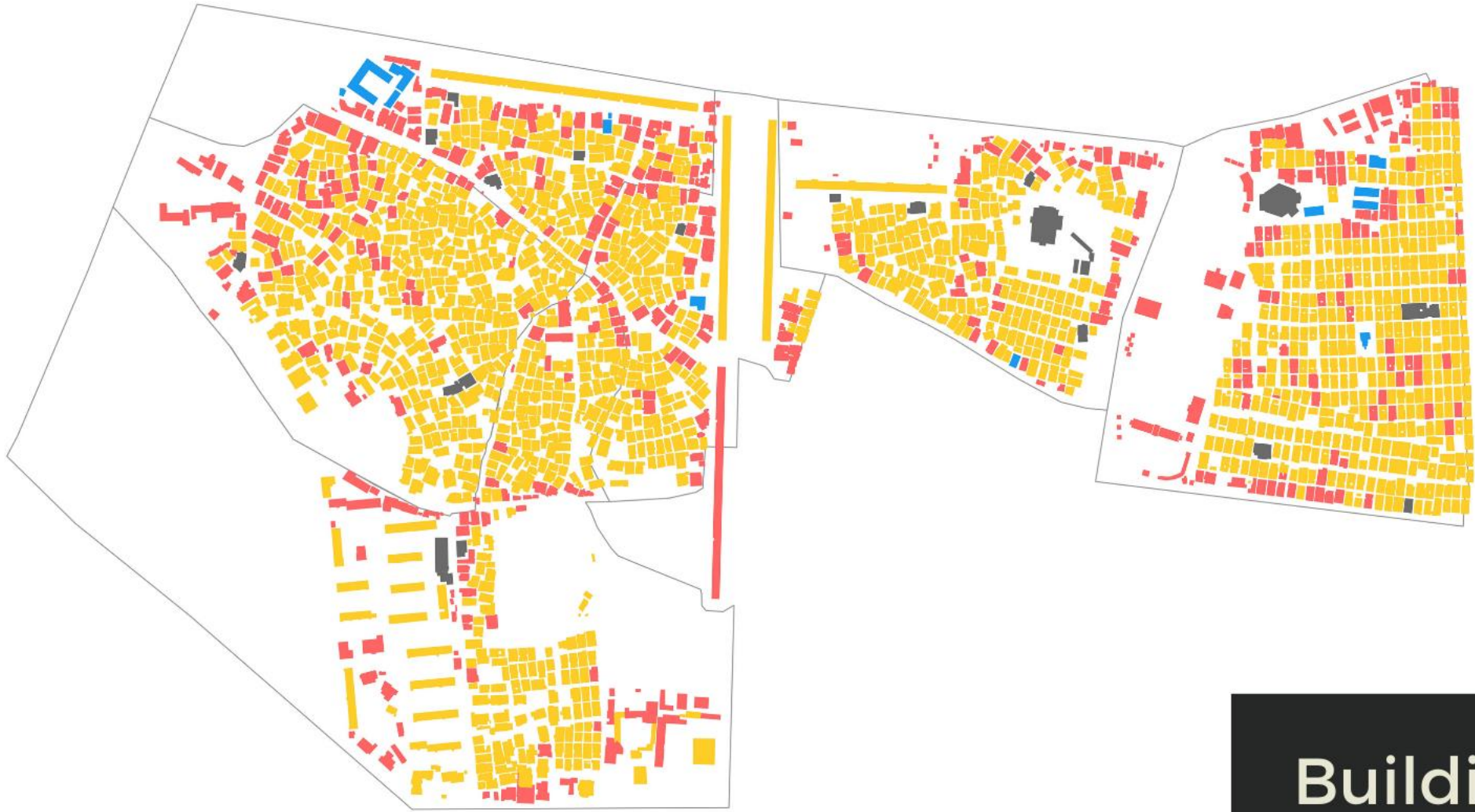
Open Cities Zanzibar

CREATE AND RELEASE OPEN SPATIAL DATA

RISK INFORMATION ASSESSMENT

PARTICIPATORY MAPPING AND DATA COLLECTION

INTRODUCTION TO OS SOFTWARE AND TOOLS



Building Use

ZANZIBAR CITY



Waste

ZANZIBAR CITY

Step 3

Zanzibar Resilience Academy

MAP ZANZIBAR CITY

FOUR THEMES:

- BASE MAP OF ZANZIBAR CITY URBAN WEST
 - ROAD MAPPING
 - DRAINAGE MAPPING
 - HOUSEHOLD SURVEY OF FLOOD PRONE AREA
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50 STUDENTS TRAINED: GPS, MOBILE, GIS

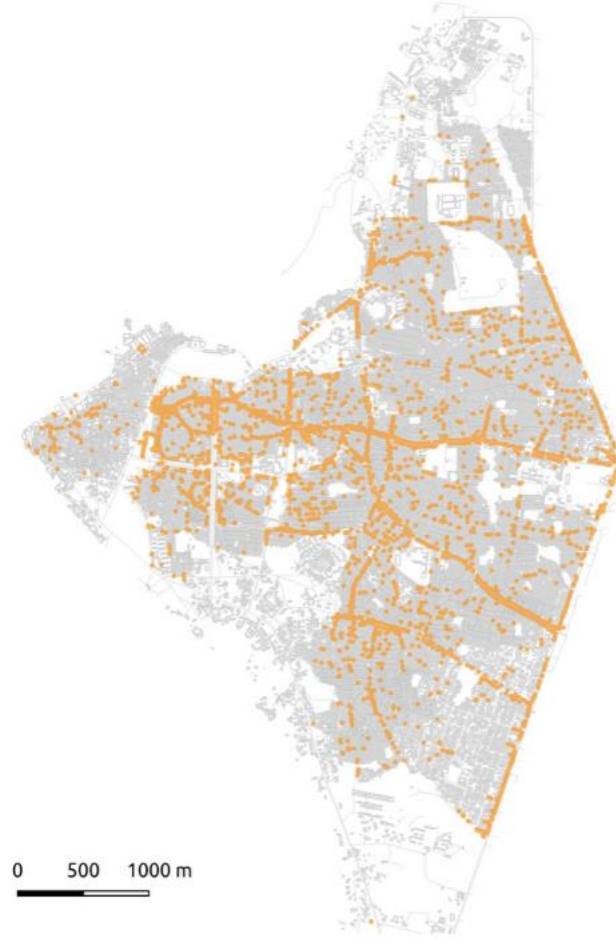
42 SHEHIAS MAPPED

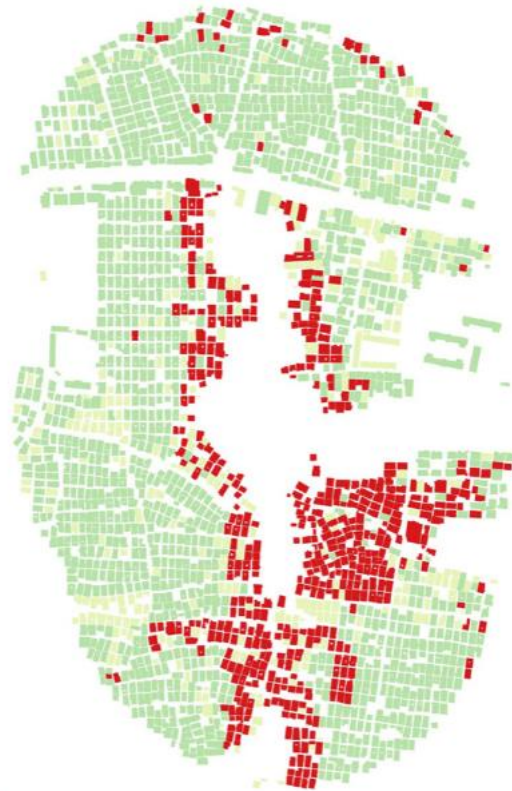
ROADS MAPPED

DRAINAGE MAPPED

HOUSEHOLD SURVEY IN FLOOD PRONE AREA

INTERACTIVE AND OFFLINE DATA TOOLS

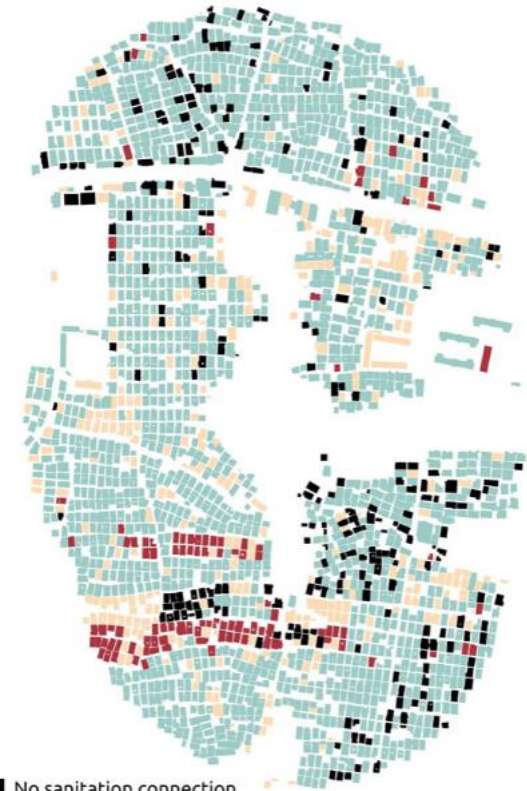




- House not flooded
- House flooded
- No data



- Community not flooded
- Community flooded
- No data



- No sanitation connection
- Private connection - chemba
- Public connection to municipal line
- No data

Step 4

Secure Tenure on Zanzibar





COMMISSION FOR LANDS

DIGITAL PLATFORM FOR DATA COLLECTION

DRONE IMAGERY AND DIGITIZED BUILDINGS

CLOUD BASED

FRACTION OF TIME





Photo of owner



Photo of ID



Map of parcel

Name

Omar Juma

Phone

079886458

Gender

Male

Personal ID

126597425

Shehia

Urusi

Village

Urusi

BRN Number

131A10328

Abuttals

North Barabara

South Jirani

East Kombo Ali

West Rashad Ali

Ali Mohammed

Square meters

174.96

I got this land through

Purchase

Land use

Residential

Date

14.10.2019

Person providing info

Kiembe Yusuf Faki

Mimi, (kwa niaba ya wahusika) nathibitisha kwamba maelezo yote niliyoyaeleza ndani ya fomu hii kwa ukomo wa ufahamu wangu ni ya kweli kabisa, na nafahamu kwamba kutoa taarifa yoyote ya uongo ni kosa kisheria na inaweza kunikosesha haki hii.

Signature

A white rectangular box containing a handwritten signature in black ink, which appears to be 'Yusuf Faki'.



collect.community.data.