

# **#MapeandoMeuBairro**

Introducing Mozambique's OSM community

## **State of The Map 2018**

Remígio Chilaule (Mapping Community co-Founder)

Milano, 28-30 July, 2018

# Content

1. What is #MapeandoMeuBairro
2. Main on-going projects
3. Our mapping workflow
4. Main Challenges

# 1. What is #MapeandoMeuBairro

Is a OSM community hoping to become a (not-for-profit) **social movement** that contributes to the **upgrading of informal urban settlements** through **community mapping** activities.

**#MAPEANDOMEUBAIRRO**

**#MapeandoMeuBairro**

*#MappingMyNeighbourhood*































**#MapeandoMeuBairro**

*#MappingMyNeighbourhood*

República de Moçambique  
 MINISTÉRIO DA CULTURA E TURISMO  
**BAIRRO DA MAFALALA**  
 PATRIMÓNIO CULTURAL DA CIDADE DE MAPUTO

1 Casa Nódria de Sousa  
 2 Mesquita Is Faque  
 3 Casa Nuno Caliano  
 4 Mesquita Baraza  
 5 Casa Panachande  
 6 Casa Samora Moisés Machel  
 7 Campinho da Mafalala  
 8 Casa José Craveirinha (Comonanos)  
 9 Casa Joaquim Chissano  
 10 Casa Pascal Mocumbi  
 11 Mesquita Cadria  
 12 Casa Fany Mfulumo  
 13 Casa Ricardo Chibanga  
 14 Casa Eusébio da Silva Ferreira  
 15 Associação Iverca

Lei 10/88 de 22 de Dezembro, sobre a Protecção do Património Cultural  
 Law 10/88 of 22 December on the Protection of Cultural Heritage

AMBIQUE  
 IVERCA  
 local

**+300 edifícios históricos** (madeira-e-zinco, cantinas, 4-águas, entre outros), com indicação do ano de construção.



0 50 100 150 200 250 m



**+6500 edifícios,**  
com distinção do nº  
de pisos, da função,  
e do material de  
construção



0 50 100 150 200 250 m

**+35 km** de rede de circulação (estradas e becos), com indicação de largura e estado do pavimento





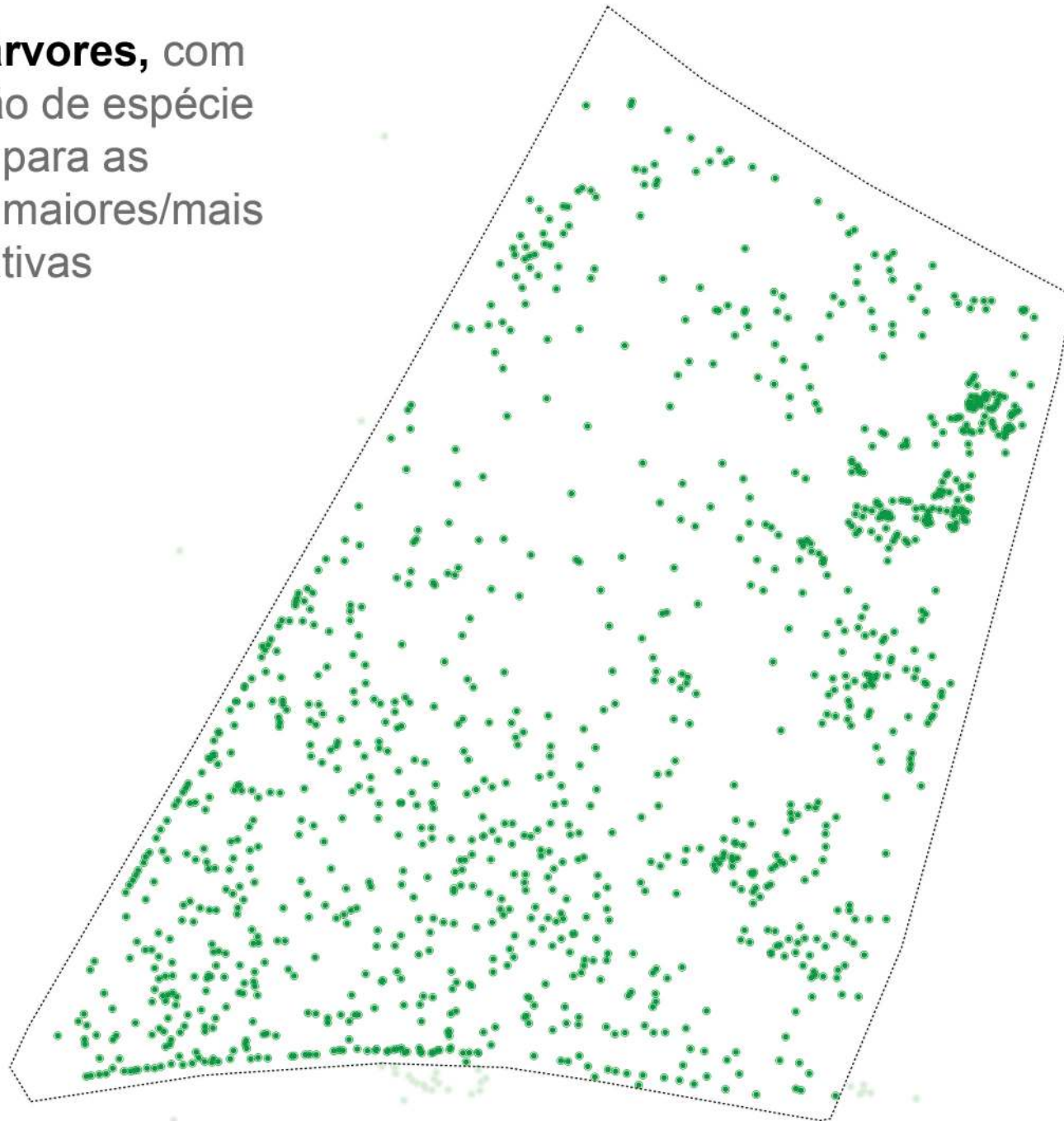
**?km de valas de drenagem** (primárias, secundárias, terciárias).

**+ -10 locais de acumulação de lixo**, testemunho do trabalho da Dambo. Predominantemente nas valas de drenagem.



0 50 100 150 200 250 m

**+1000 árvores,** com  
indicação de espécie  
e altura para as  
árvores maiores/mais  
significativas



0 50 100 150 200 250 m



**#MapeandoMeuBairro**

*#MappingMyNeighbourhood*





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*#MappingMyNeighbourhood*





## **2. Main on-going projects**

Sim \_\_\_ Não \_\_\_

15. Tratam a vossa água para beber? Se sim, Com o quê e como?

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## EVACUAÇÃO DO LIXO

16. Modo de evacuação do lixo:

16.1 Contentores \_\_\_ 16.2 Enterra \_\_\_ 16.3 Valas de drenagem \_\_\_

16.4 Queima \_\_\_ 16.5 Colecta pela DAMBO \_\_\_

16.6 Outros \_\_\_\_\_

16.7 Como Avalia a recolha de R.S.U

Boa \_\_\_ Média \_\_\_ Suficiente \_\_\_ Má \_\_\_

16.8 O que pode ser feito para melhorar a recolha de R.S.u no Bairro?

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17. Participa das jornadas de Limpeza no Bairro/no seu quarteirão? Sim\_

Não \_\_\_

18. Pode contribuir de alguma maneira para as jornadas de Limpeza no Bairro?



## MapMafe

*Mapping cultural and public health features of Mafalala, together with local NGOs.*

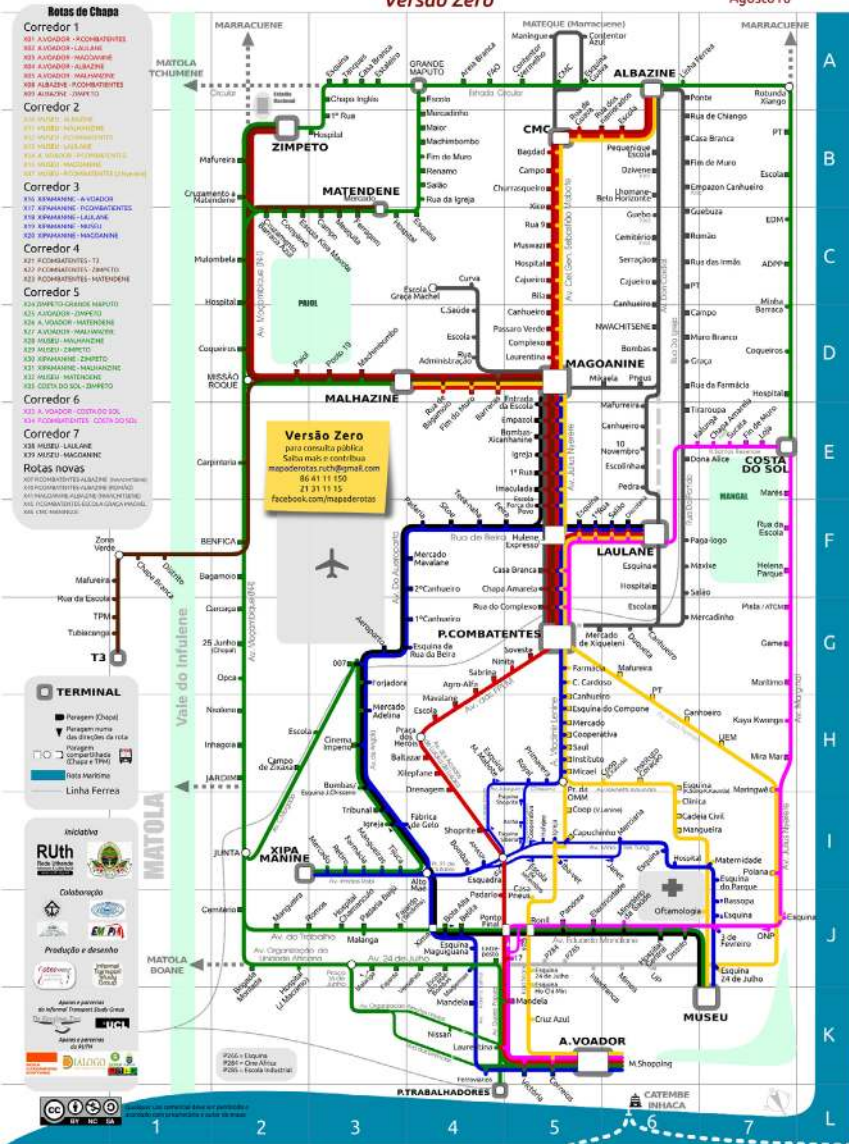
**Financed by: HOT Microgrant 2017**



# Mapa de Transporte Público do Município de Maputo

Versão Zero

Agosto16



## Public Transport Map

*Putting third-party collected field data on OSM*

*Financed by: ourselves*





## **MapMor**

*Detailed survey of avenue and its adjacent areas, for requalification purposes*

***Financed by: Carlos Morgado Foundation***





## **Women and Public Space**

*Detailed survey of two areas in Chamanculo neighbourhood, for requalification purposes*

***Financed by: MUVA***



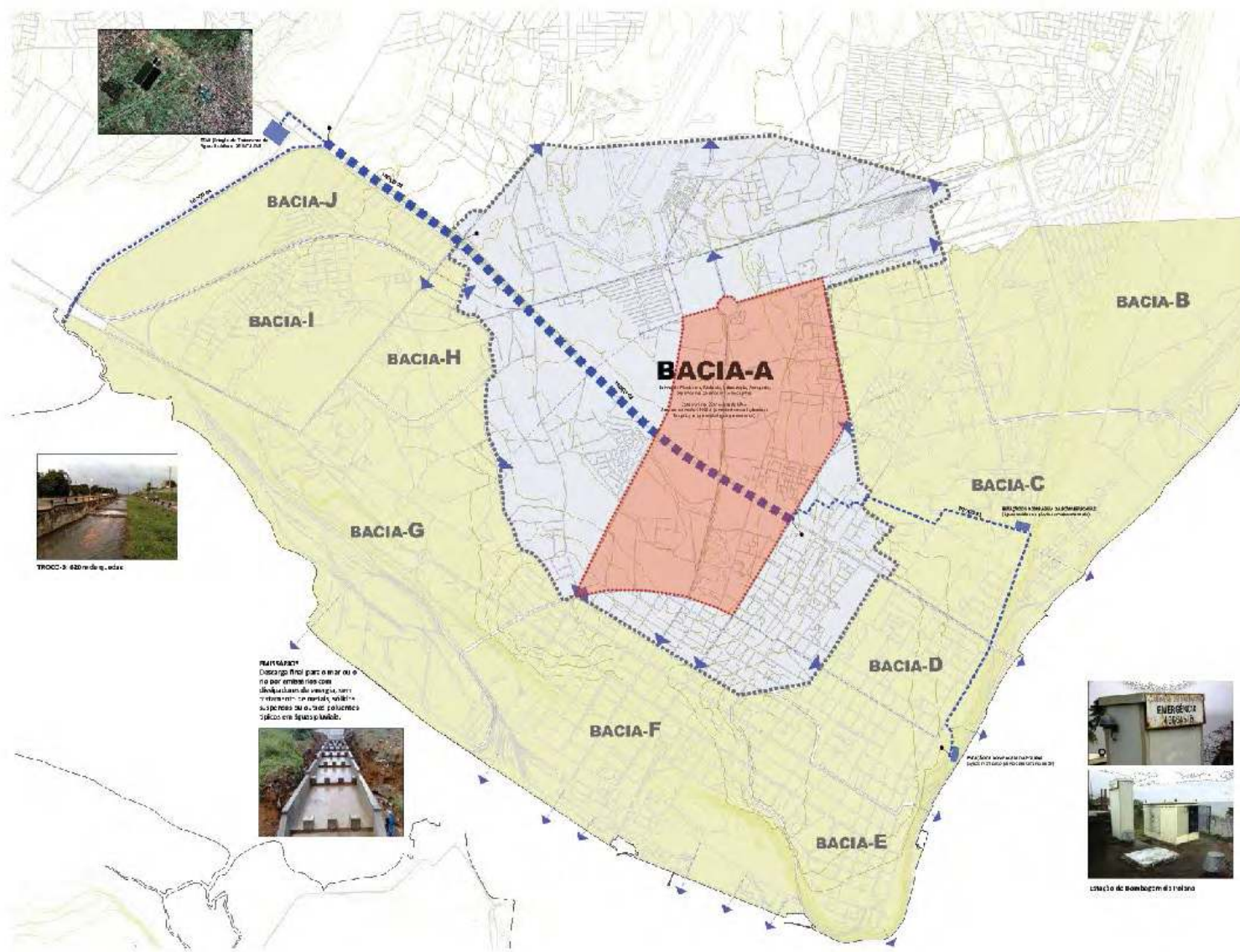


## **Basketball Map**

*Mapping basketball courts and spaces across the city, together with coaches and players*

***Financed by: Carlos Morgado Foundation***





# Flood prevention mapping

*Detailed drainage mapping, inspired by Ramani Huria 2.0 activities*

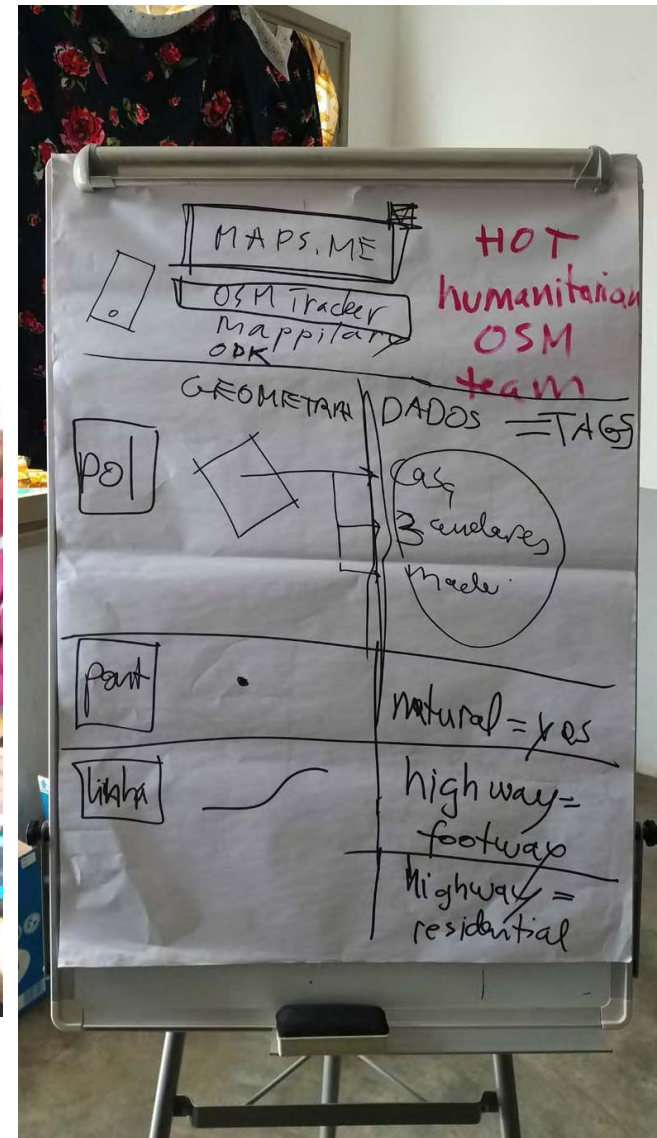
**Financed by: HOT Microgrant 2018**

# **3. Mapping work-flow**





**1st: Opening Community Forum**



## 2nd: Training





### **3rd: Field data collection**

*Mixed teams: university students + residents of mapped area*

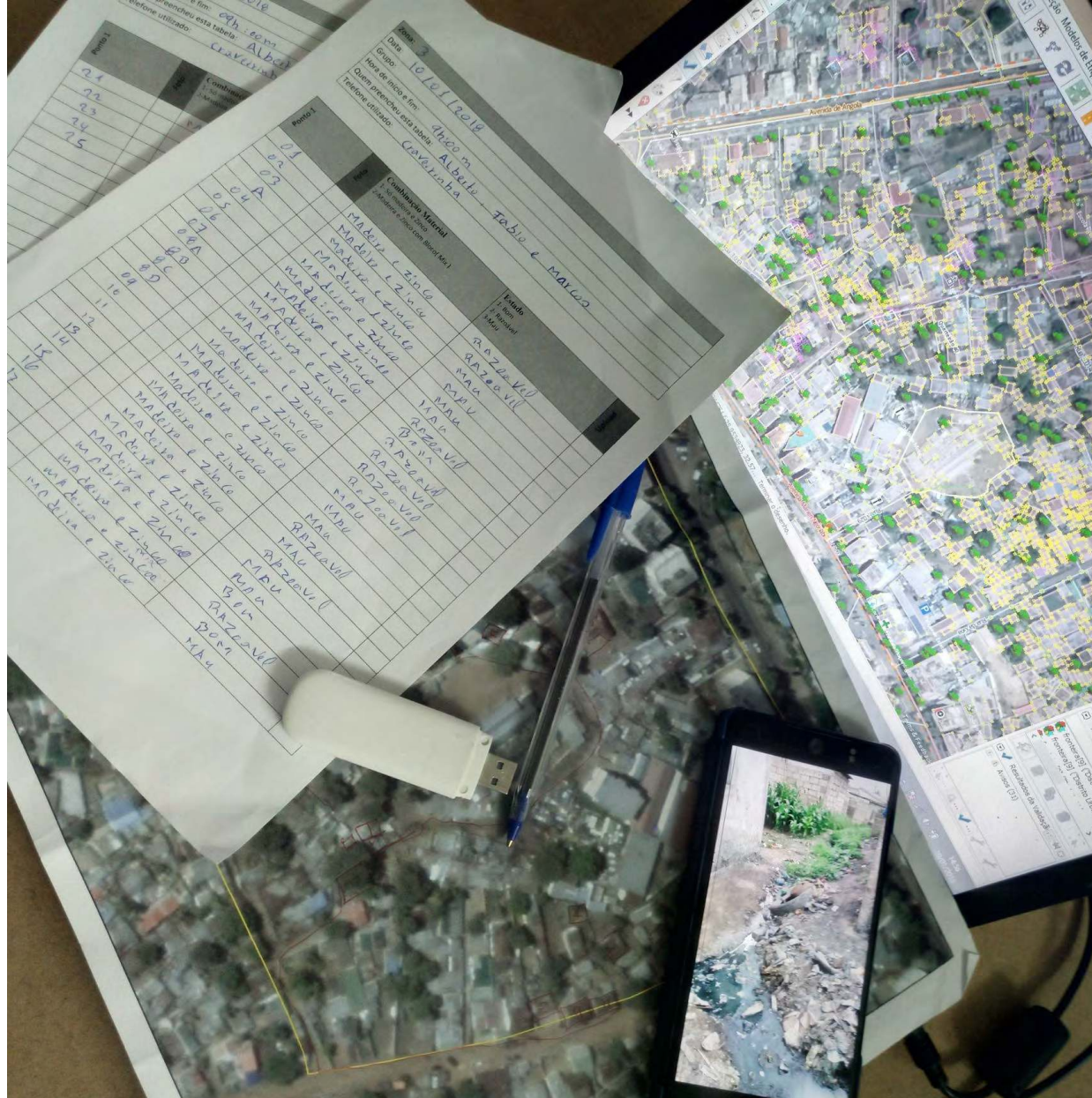




### **3rd: Field data collection**

*Mixed teams: university students + residents of mapped area*





### **3rd: Field data collection**

*Tools: Google Earth generated field papers, printed survey forms, smartphone GPS*





## **3rd1/2: Field data collection**

*Coming soon: Drone!*





## 4th: Digitization

*JOSM*





## **5th: Closing/Results Community Forum**



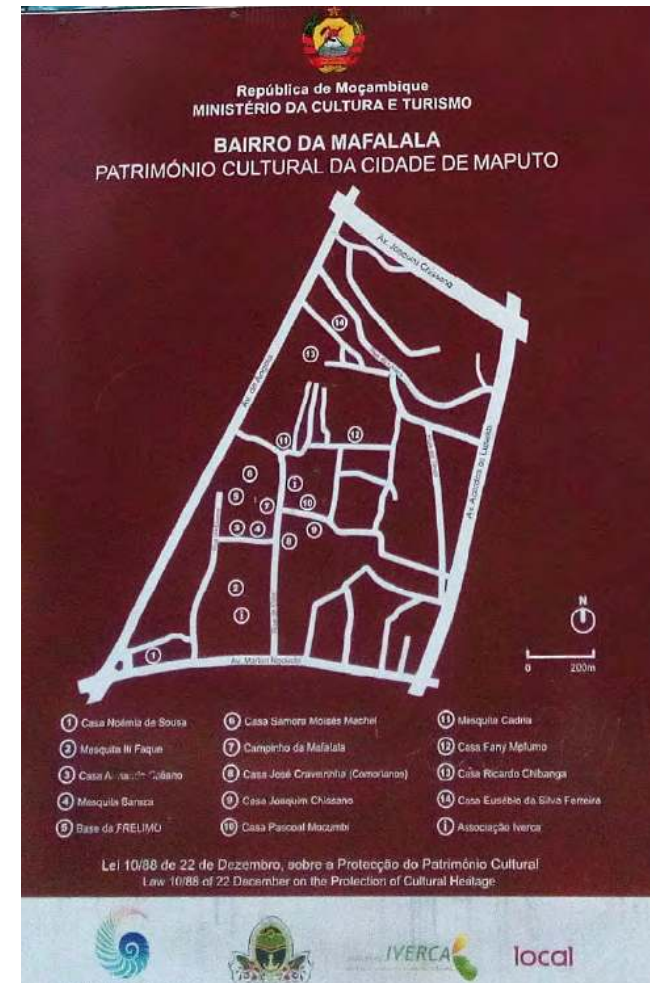
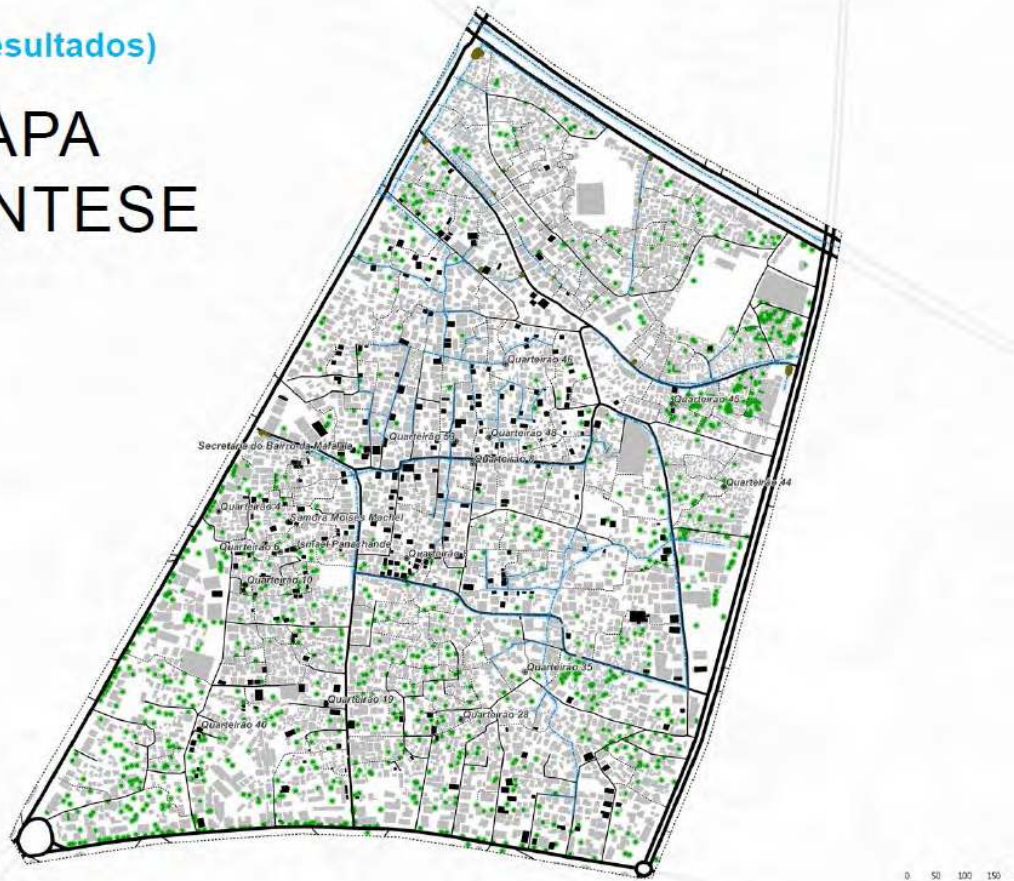
## 4. Main challenges

1. Bad and expensive internet and bla bla :)
2. Use of available data by relevant stakeholders and for relevant stakeholders
3. Tagging and rendering logic, specially in informal “slum-like” physical contexts

## 2. Use of available data by relevant stakeholders and for relevant stakeholders

(5. resultados)

### MAPA SÍNTESE

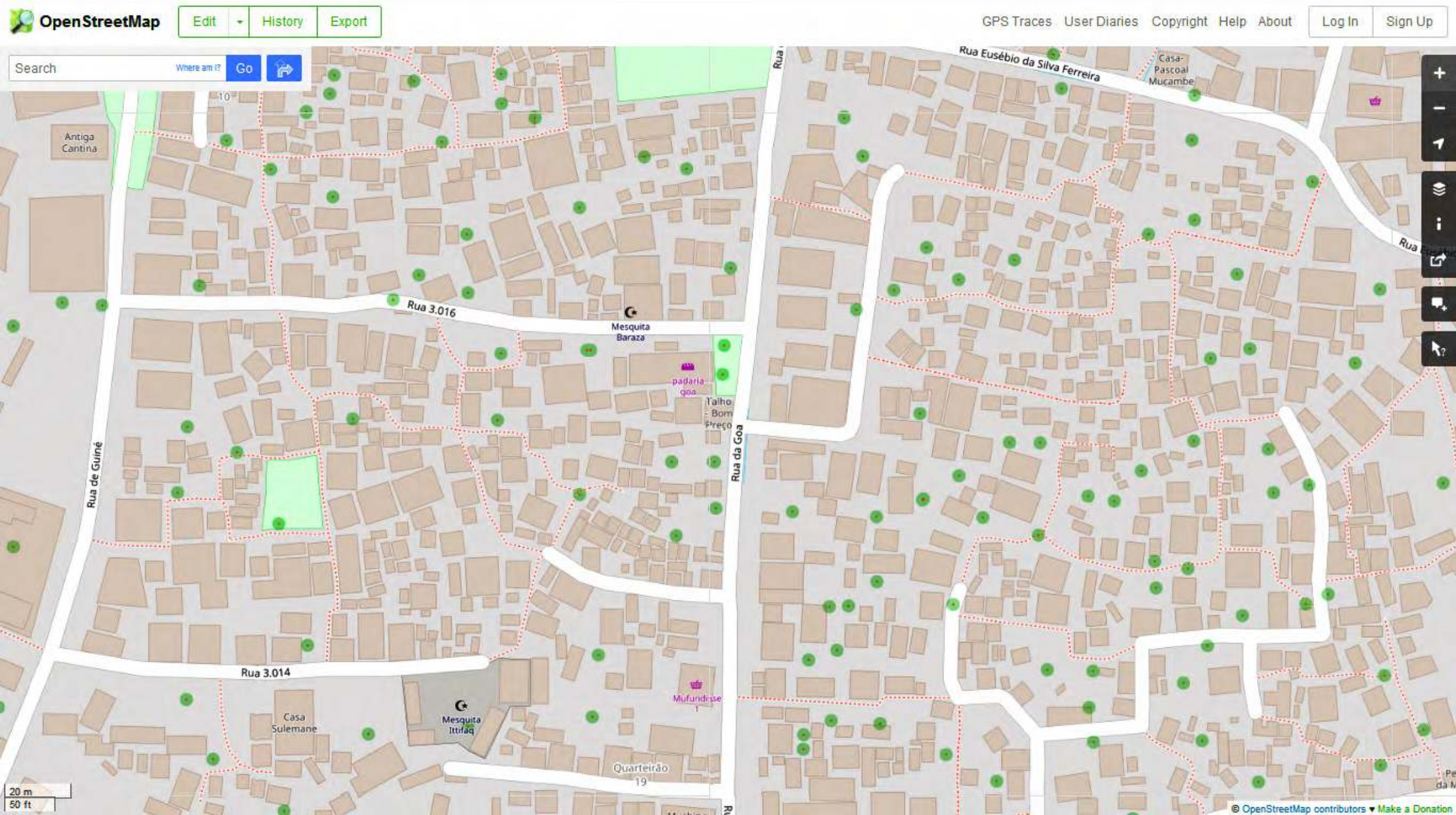






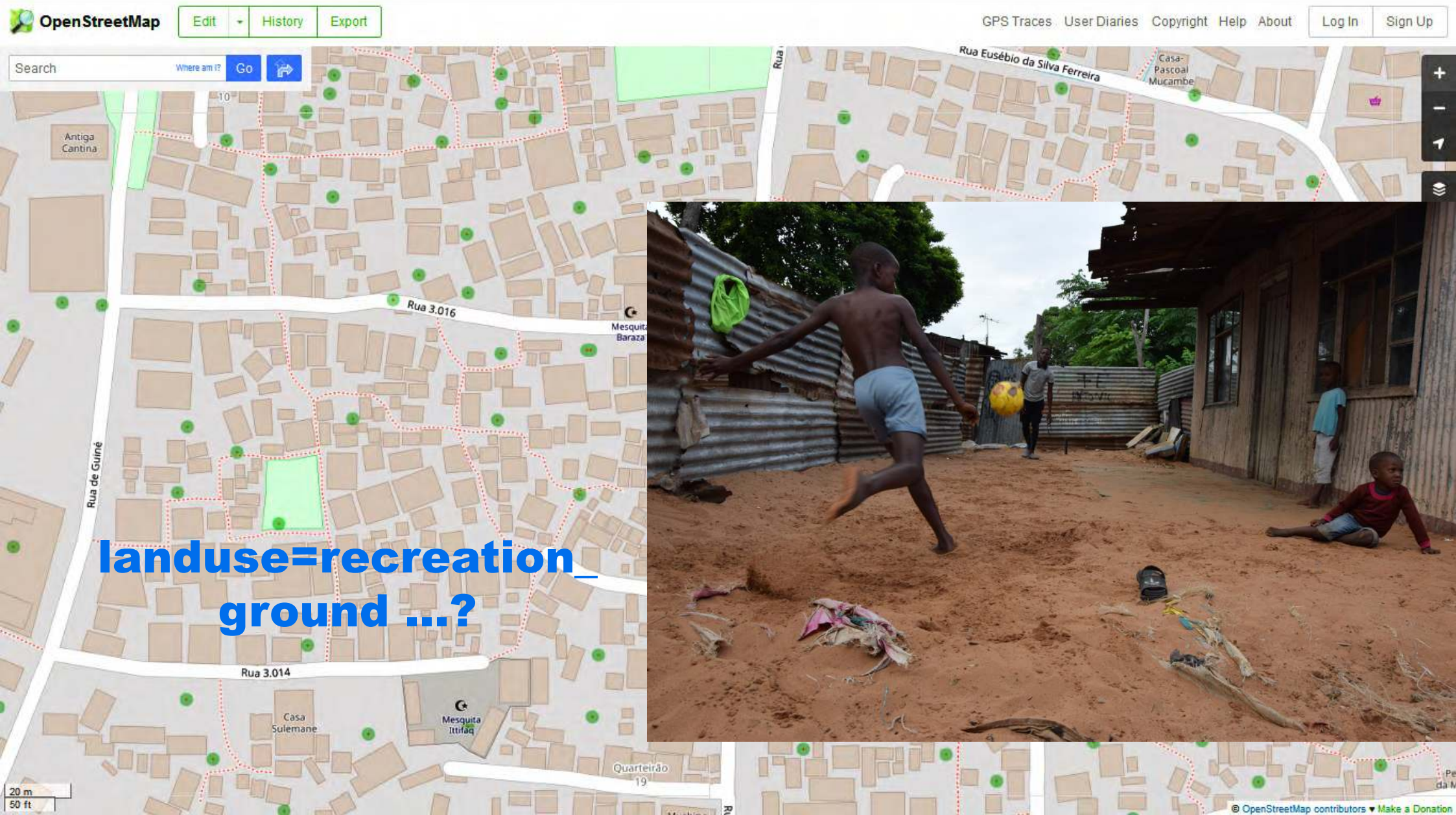


### 3. Tagging and rendering logic, specially in informal “slum-like” physical contexts



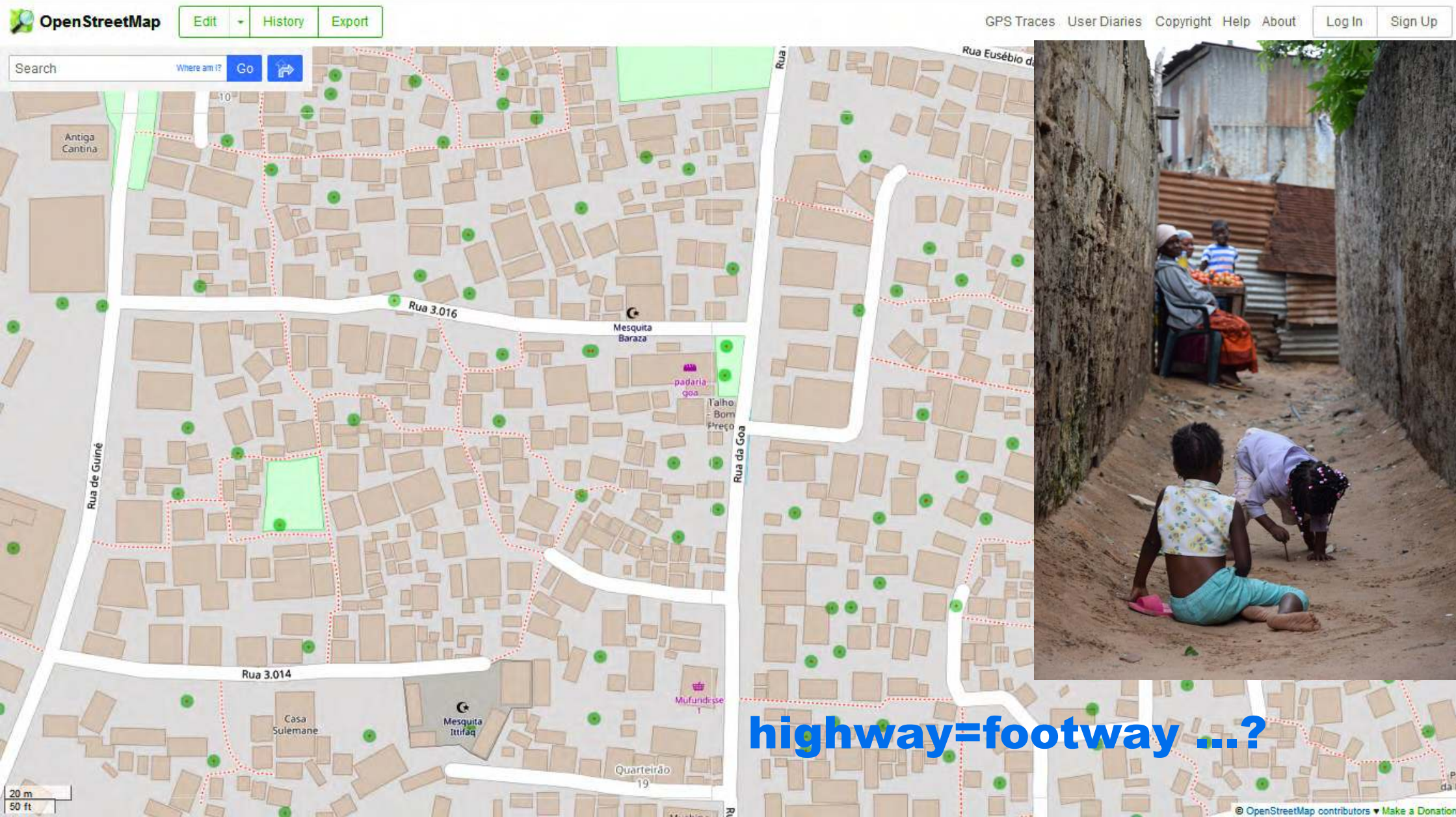


### 3. Tagging and rendering logic, specially in informal “slum-like” physical contexts





### 3. Tagging and rendering logic, specially in informal “slum-like” physical contexts





# **Thank you**

On behalf of the OSM community in Mozambique

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