

#MapeandoMeuBairro

Introducing Mozambique's OSM community

State of The Map 2018

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Milano, 28-30 July, 2018

Content

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3. Our mapping workflow
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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



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



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



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

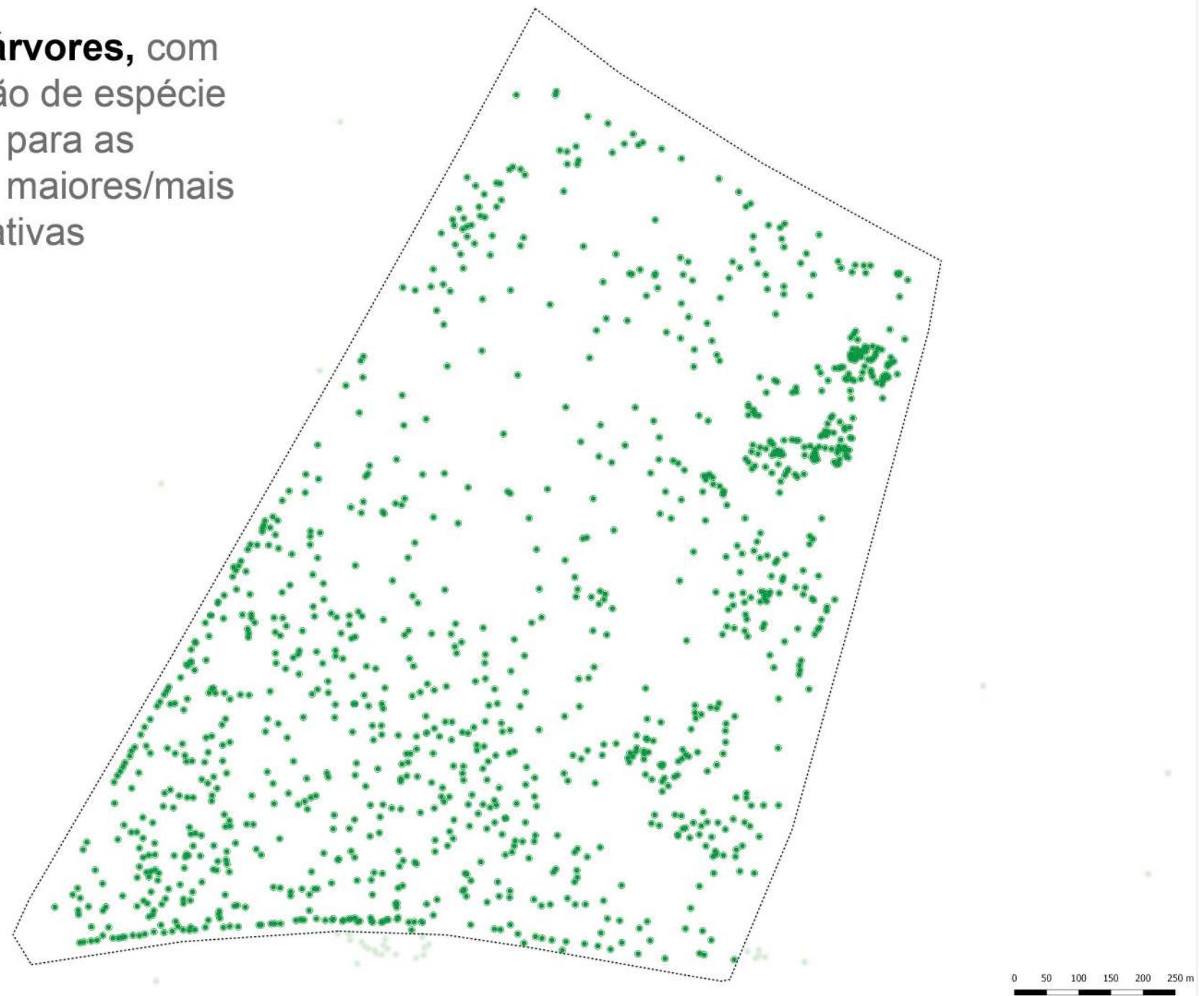


?km de valas de drenagem (primárias, secundárias, terciárias).

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



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



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MapMafe - Ficha de Campo: ESTRADAS

Zona:

Data:

Grupo:

Hora de inicio e fim:

Quem preencheu esta tabela:

Telefone utilizado:

Ponto 1	Ponto 2	Foto	Classificação
			Terciária
			Residencial
			Pedonal/Beco

No
(Onde
é
mais
popular)

CRAVEIRINHA



2. Main on-going projects

Sim ___ Não ___

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

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?

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

Não ___



MapMafe

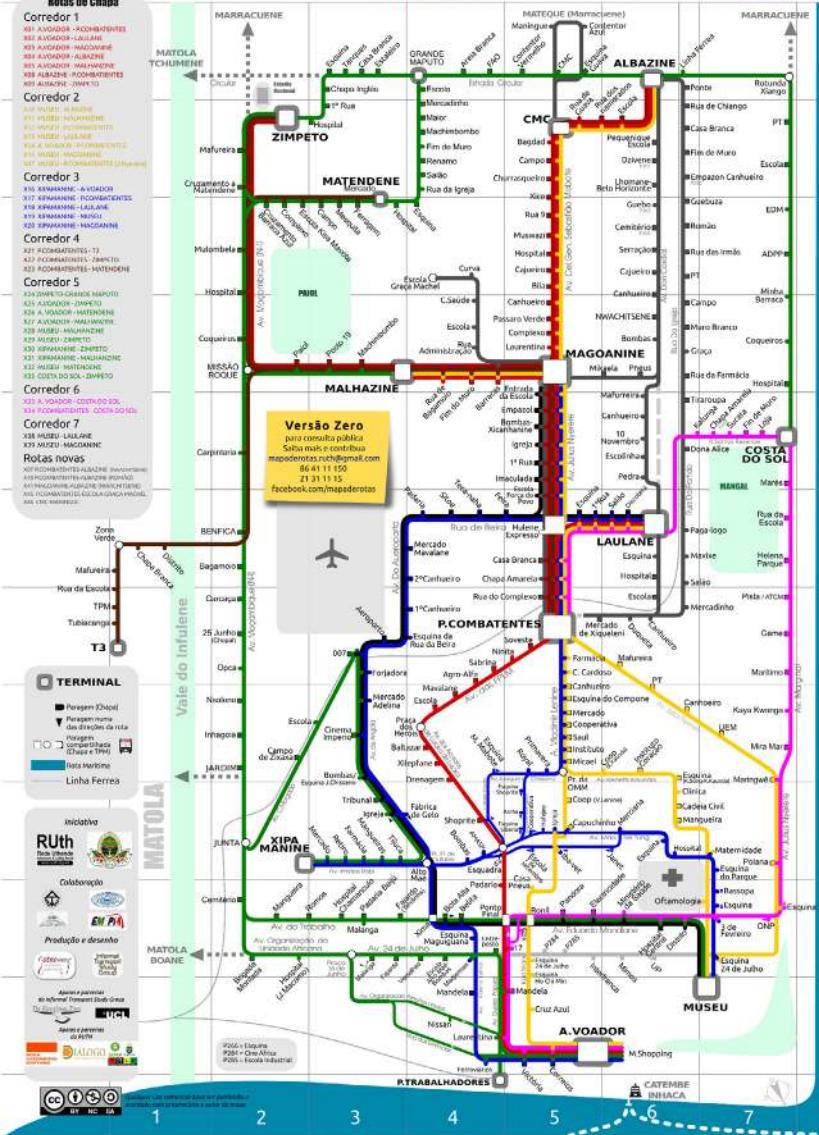
Mapping cultural and public health features of Mafalala, together with local NGOs.

Financed by: HOT Microgrant 2017

Mapa de Transporte Público do Município de Maputo

Versão Zero

gosto 1



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

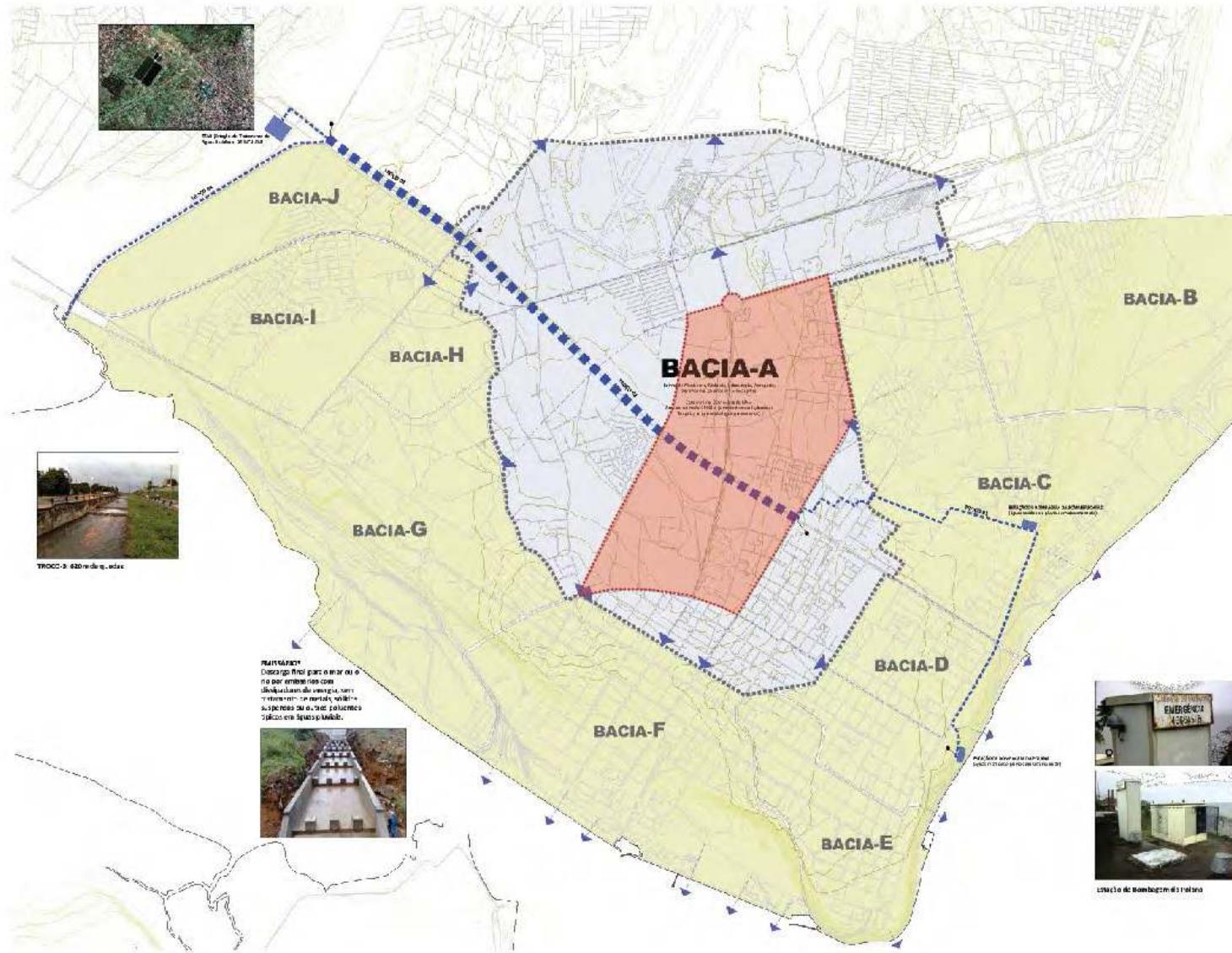
Financed by: MUVA



Basketball Map

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

Financed by: Carlos Morgado Foundation



Flood prevention mapping

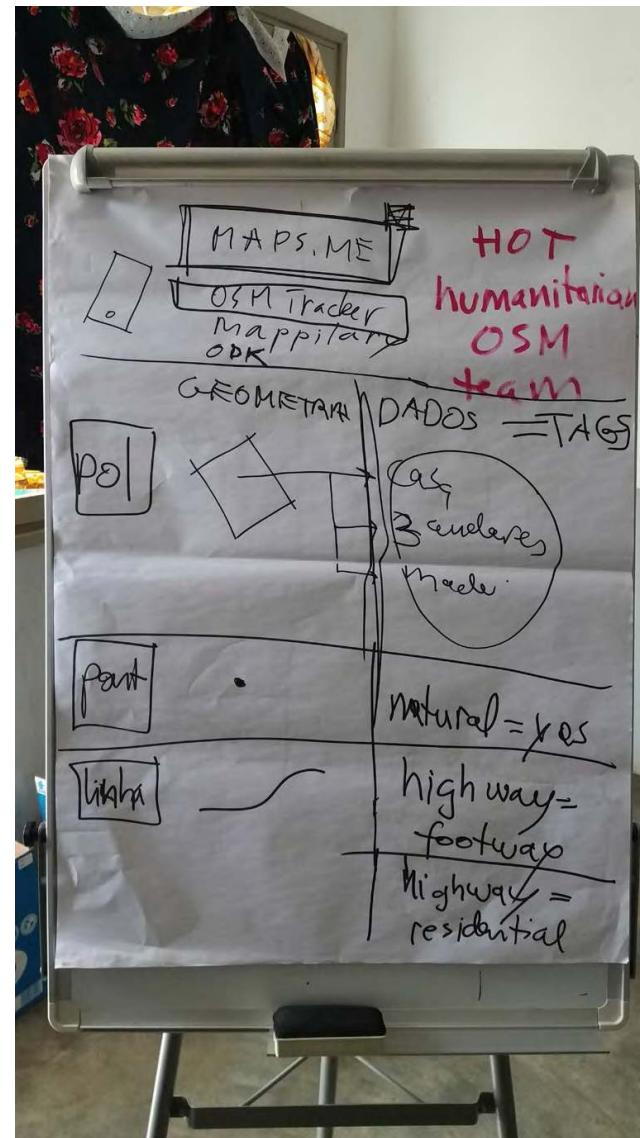
Detailed drainage mapping, inspired by Ramani Huria 2.0 activities

Financed by: HOT Microgrant 2018

3. Mapping work-flow



1st: Opening Community Forum



2nd: Training



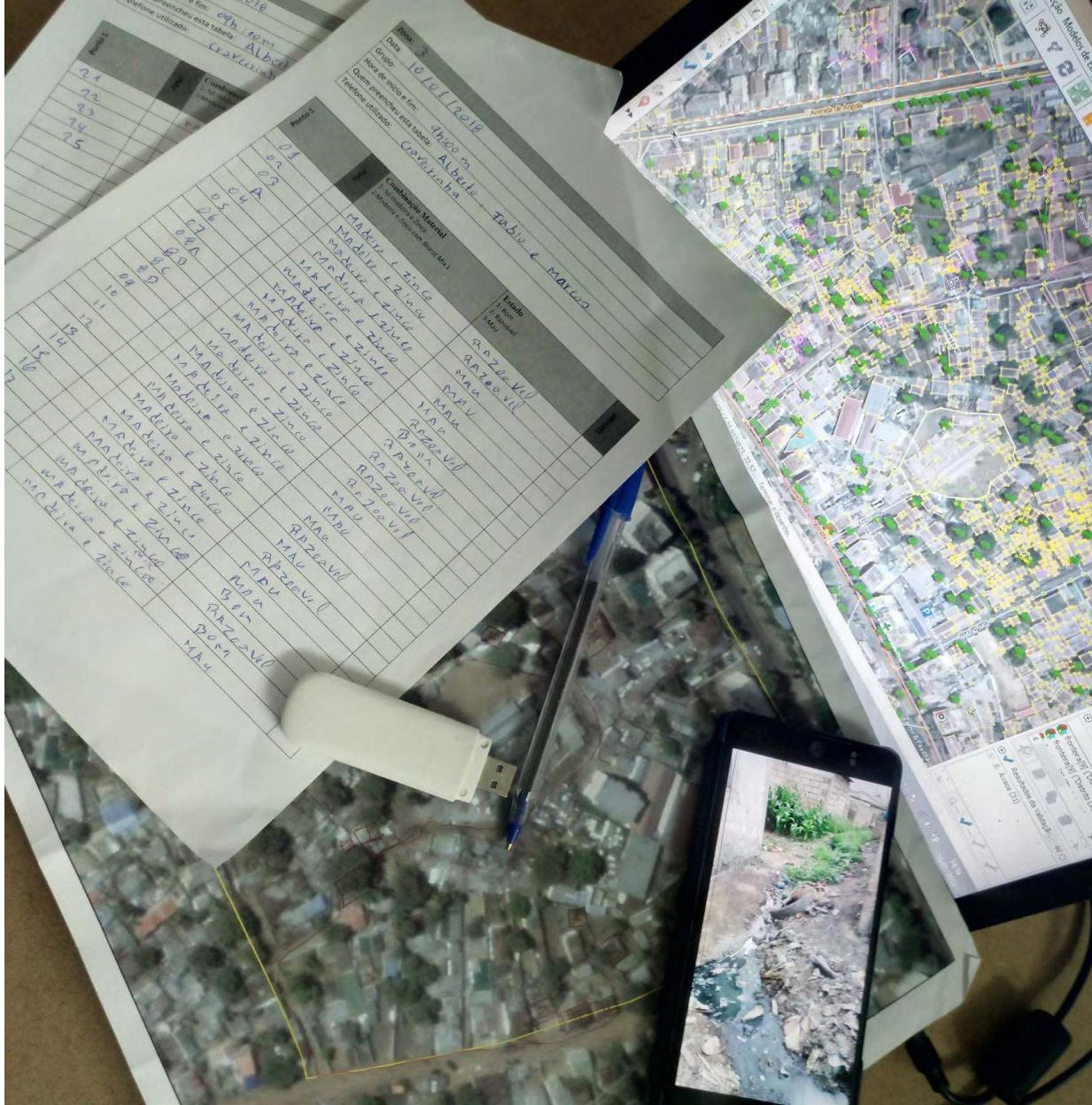
3rd: Field data collection

Mixed teams: university students + residents of mapped area



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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

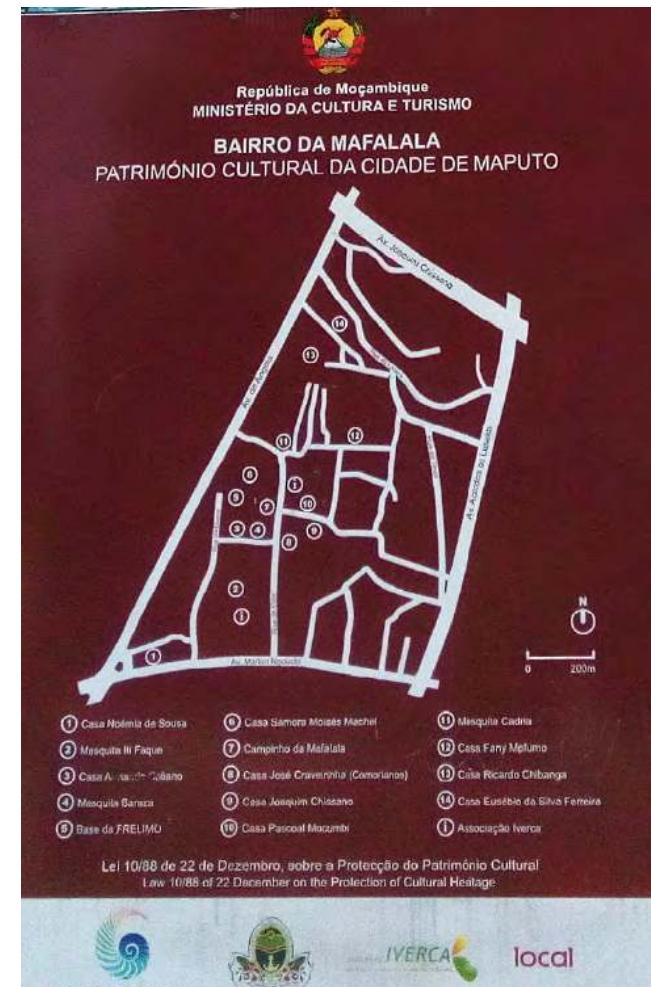
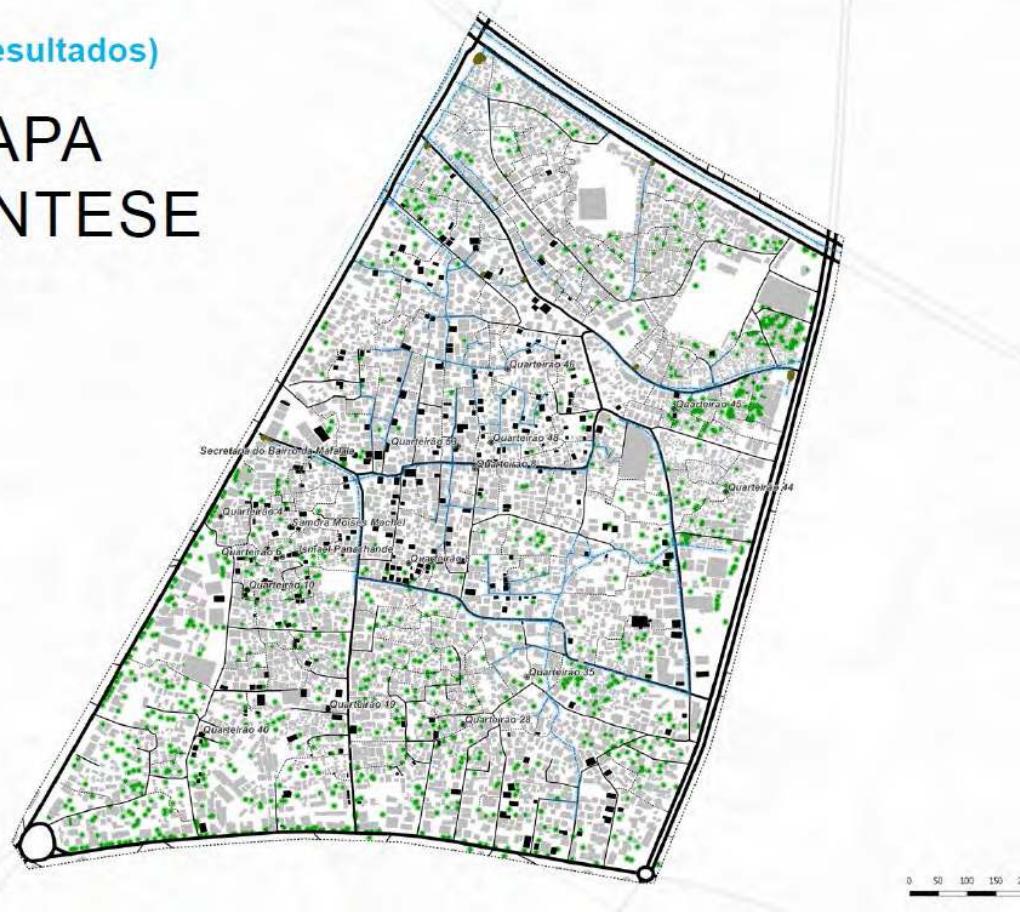
4. Main challenges

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

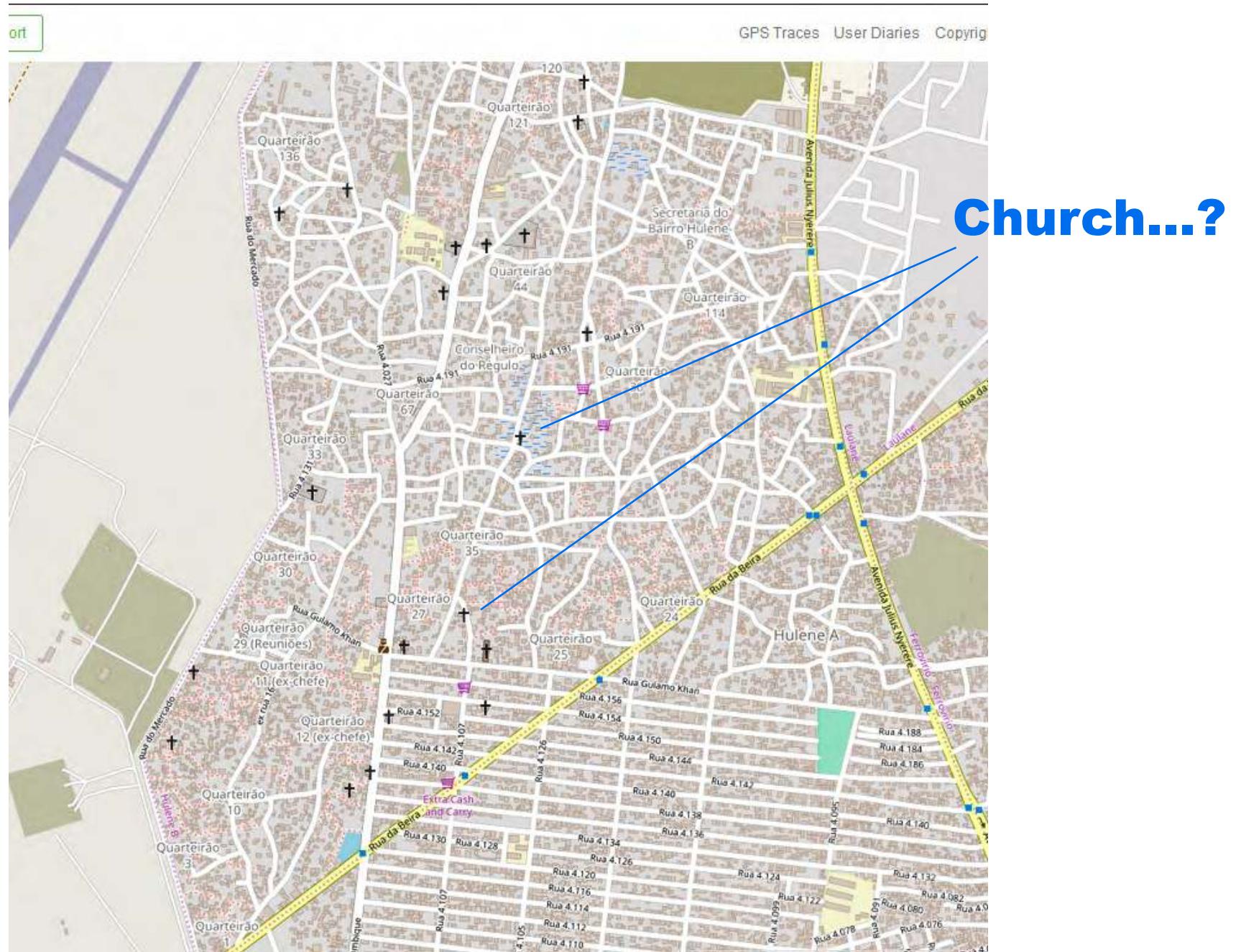
2. Use of available data by relevant stakeholders and for relevant stakeholders

(5. resultados)

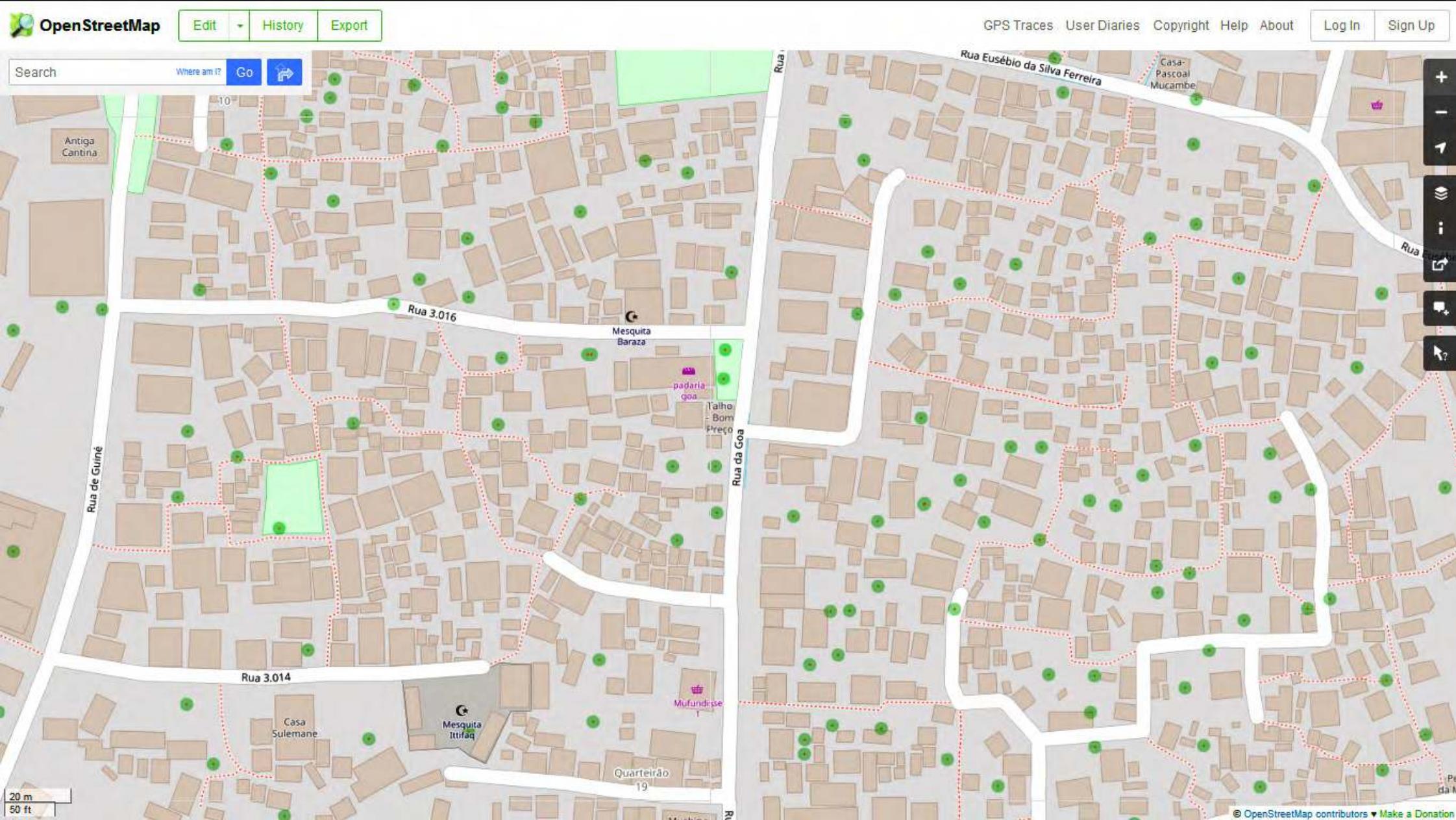
MAPA SÍNTESE



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



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The image is a composite of two parts. On the left is a screenshot of the OpenStreetMap website. It shows a map of an informal settlement with numerous small, brown, irregularly shaped buildings. Green circular markers are scattered across the map, indicating recreation areas. Labeled streets include Rua de Guiné, Rua 3.016, Rua 3.014, and Quarteirão 19. A green polygon highlights a specific area. On the right is a photograph of a dirt playground where several children are playing soccer. One child is in the foreground, running towards the camera. Another child is in the background, holding a yellow ball. There are corrugated metal walls and simple wooden houses in the background.

OpenStreetMap

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20 m 50 ft

landuse=recreation_ground ...?

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

The image displays a composite view of an informal urban settlement. On the left, a screenshot of the OpenStreetMap interface shows a map of the area with buildings represented as brown rectangles and green circular markers indicating locations. Labeled streets include Rua de Guiné, Rua 3.016, Rua 3.014, and Rua Eusébio da Gama. Key landmarks labeled on the map are Antiga Cantina, Mesquita Baraza, padaria goa, Talho - Bom Preço, Mufundise, Casa Sulemane, and Mesquita Ittifaq. A 20m/50ft scale bar is visible at the bottom left. On the right, a photograph captures a scene from the ground level. A woman in a purple top and blue shorts is kneeling on a dirt path, while another person sits further down the path. In the background, there's a stack of wooden planks and corrugated metal structures. The text "highway=footway ...?" is overlaid in blue at the bottom center of the image.

Thank you

On behalf of the OSM community in Mozambique

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