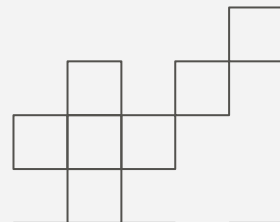


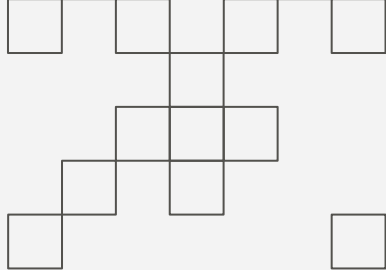


# AVEIRO TECH CITY LIVING LAB DIGITAL TWIN

Bernardo Costa · Filipe Obrist · José Mendes · Mariana Perna · Rafaela Dias

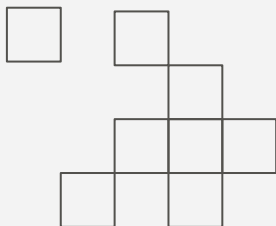
**Advisors:** Pedro Rito, Susana Sargento, Filipe Cabral Pinto, Duarte Raposo





**01**

# **WHAT HAVE WE DONE**



# MAP EXPORT

OpenStreetMap

Editar

Histórico

Exportar

[Rotas GPS](#) [Diários dos Utilizadores](#) [Comunidades](#) [Direitos de Autor](#) [Ajuda](#) [Sobre](#)

[Iniciar sessão](#)

[Criar conta](#)

Pesquisar

Onde fica isto?

Ir



## Exportar

40.6522

-8.6718

-8.6107

40.6258

## Licença

Os dados do OpenStreetMap são licenciados sob Licença de Base de Dados Aberta de Open Data Commons (ODbL).

Exportar

Se a exportação acima falhar, por favor, considera o uso de uma das fontes seguintes:

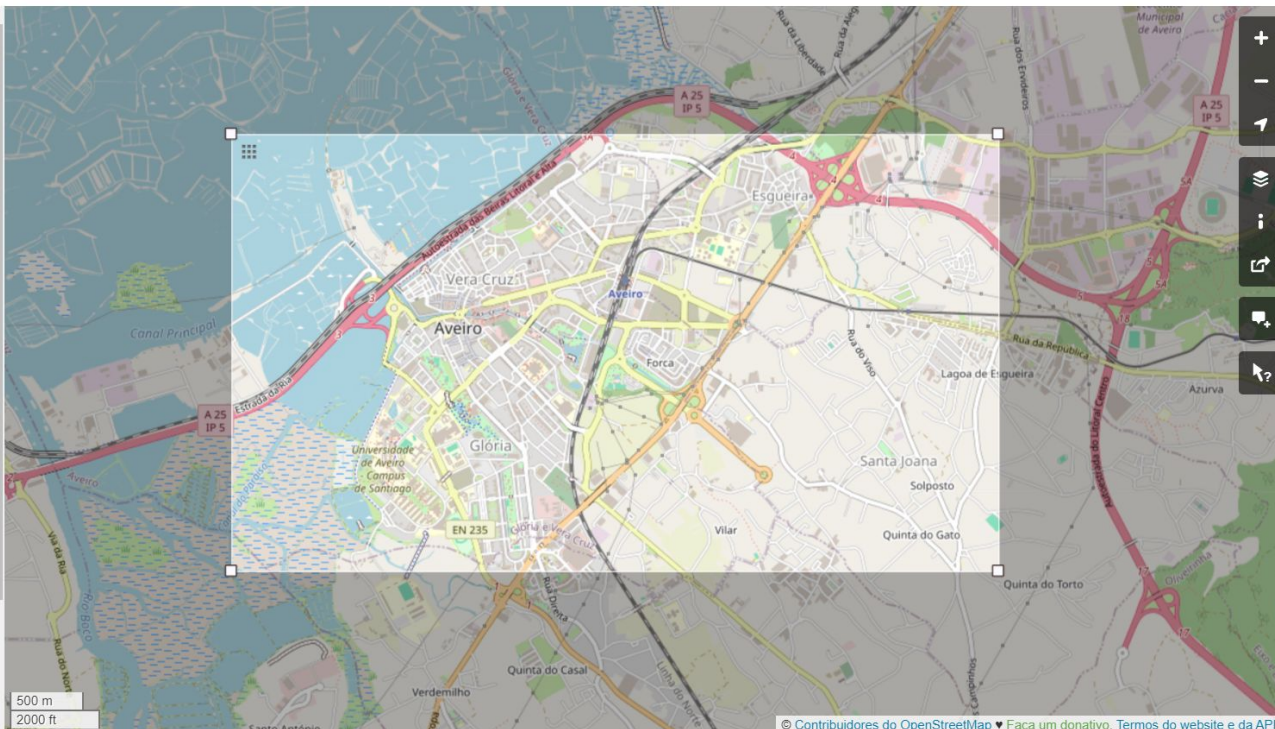
### API do Overpass

Transferir dados desta caixa delimitadora através de um espelho da base de dados do OpenStreetMap

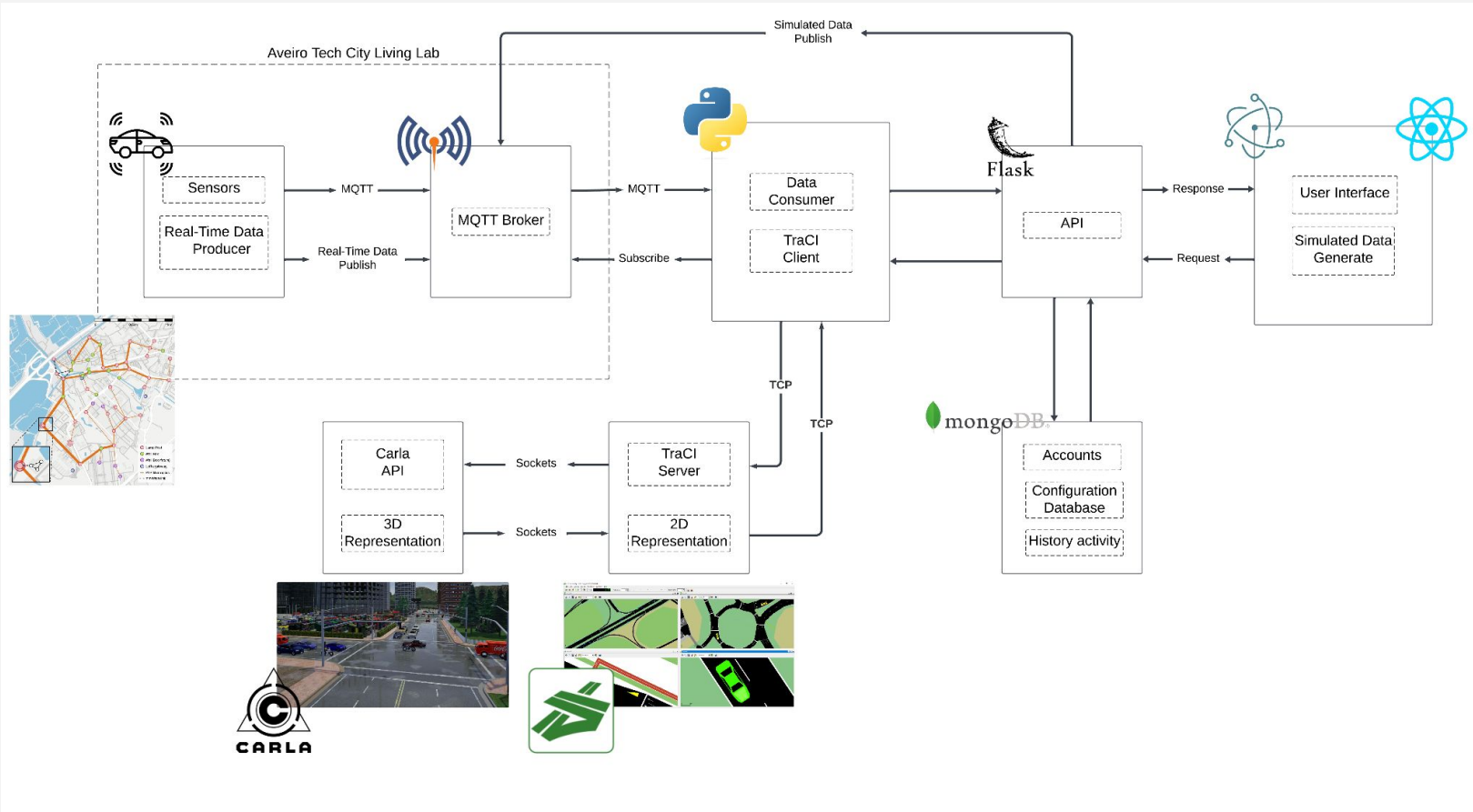
### Planeta OSM

Cópias atualizadas regularmente da base de dados completa do OpenStreetMap

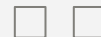
### Transferências do Geofabrik



# SYSTEM ARCHITECTURE



# MOCK-UPS



Mariana Perna



Dados reais



**Nissan GT - R**



**Yamaha MT-07**



**Bicicleta**

Quantidade

0



Coordenadas iniciais

40.634862, -8.660422



Coordenadas finais

40.637383, -8.658826



Velocidade

56 km/h



Ângulo de orientação



12°




Adicionar


# MOCK-UPS




 Mariana Perna 

Dados reais 



**Nissan GT - R**







**Yamaha MT-07**



**Bicicleta**

 **Nissan GT - R** 

 **Bicicleta** 

 **Nissan GT - R** 

[Simular](#)

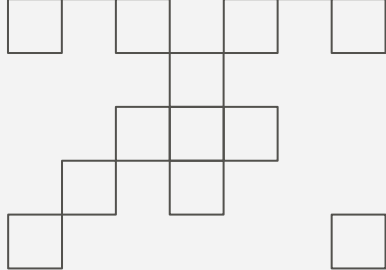


**<https://drive.google.com/file/d/1sEn5o0KVpUX-m-9tu4veHNQHt-SiNx8-/view?usp=sharing>**



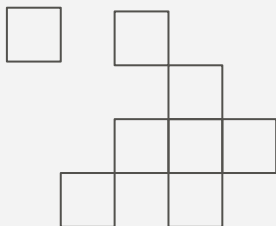
**[https://drive.google.com/file/d/1WrEsdr\\_RJL6Nd18IJzhlw-vxW\\_ZqSWVt/view?usp=sharing](https://drive.google.com/file/d/1WrEsdr_RJL6Nd18IJzhlw-vxW_ZqSWVt/view?usp=sharing)**

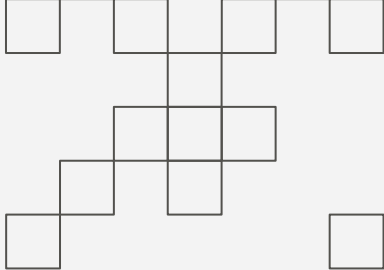




# 02

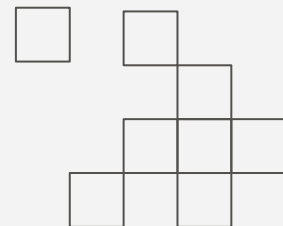
# WHAT IS MISSING





# 03

## NEXT STEPS





# THANKS

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