

# Pedestrian Accessibility Plan

## Keeping pedestrians safe on Lisbon's streets

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What is our mission?

Define city strategies:

- more **accessible**
- more **safety**
- prevent new **barriers** in the public space

Why **Pedestrian** Accessibility?





Unsafe sidewalk





Sidewalks too narrow and in poor condition





Illegal and obstructive parking





## Cobblestone walkways:

1. Slippery,
2. Irregular joints,
3. Uneven surfaces, etc.



## Cobblestone walkways

They cause falls with sometimes serious injuries for pedestrians.



# East station

## Public Space Actors

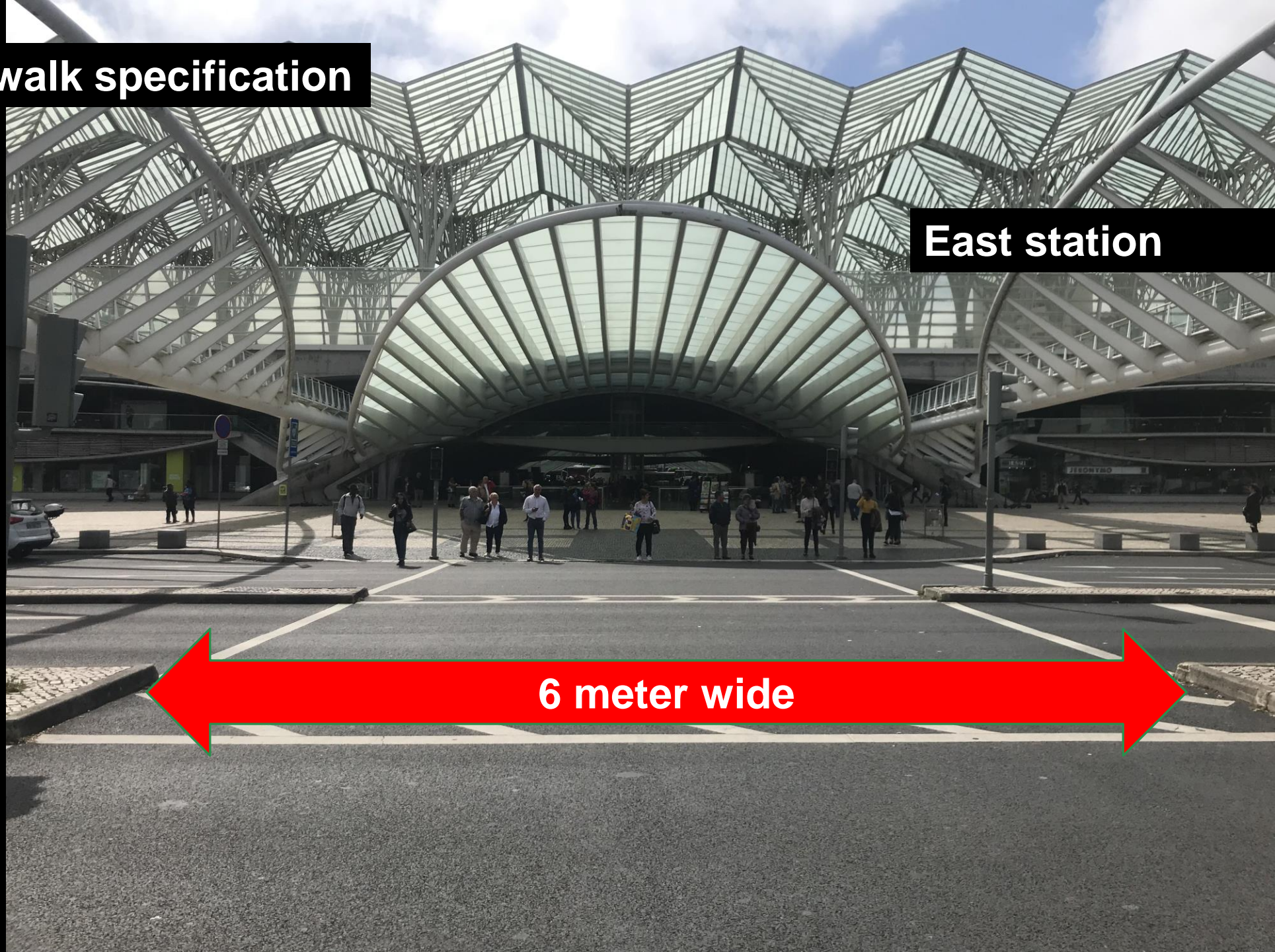
1. Lisbon train station, direction to :
  - A. North of Portugal
  - B. Lisbon city center
  - C. South of Portugal
2. Taxis (18 parking spaces)



# Crosswalk specification

East station

6 meter wide





# Crosswalk specification



Traffic lights dedicate 30 seconds of green light to pedestrians. 1 meter per second, more than twice the time allowed by law!

**Probably one of the longest crosswalks in Portugal without a pedestrian refuge!**



# Pedestrian accidents

East station

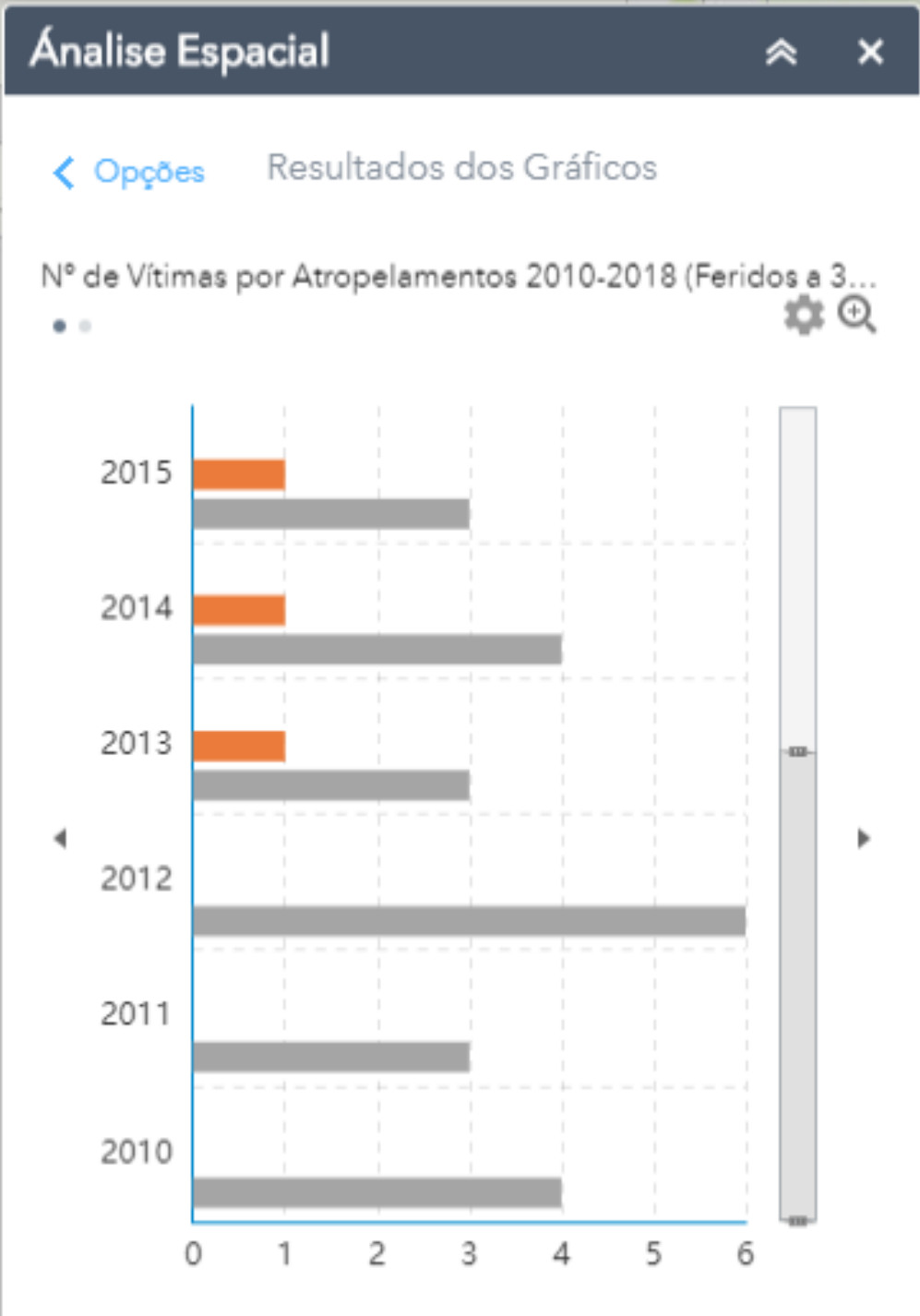
Shopping center



Serious injuries



Light Injuries





# Traffic count with the Miovision Scout

## Methodology:

- Duration: 1 hour
- Time: 12:30 to 13:30
- Day: Friday

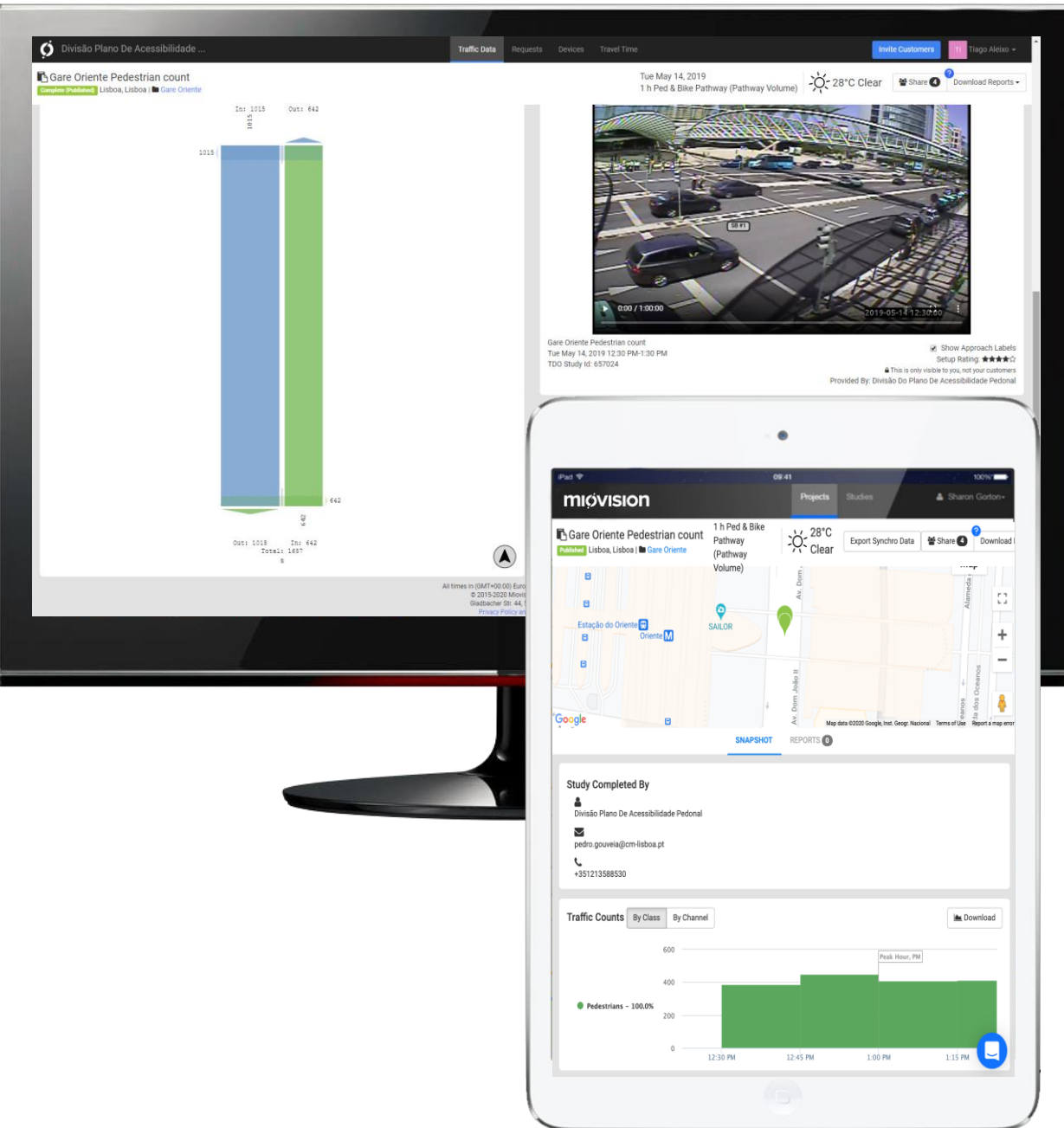


# Pedestrian Count at East Station

Miovision Report

Total: 1657

- Northbound: 642 (to East Station)
- Southbound: 1015 (to shopping center)



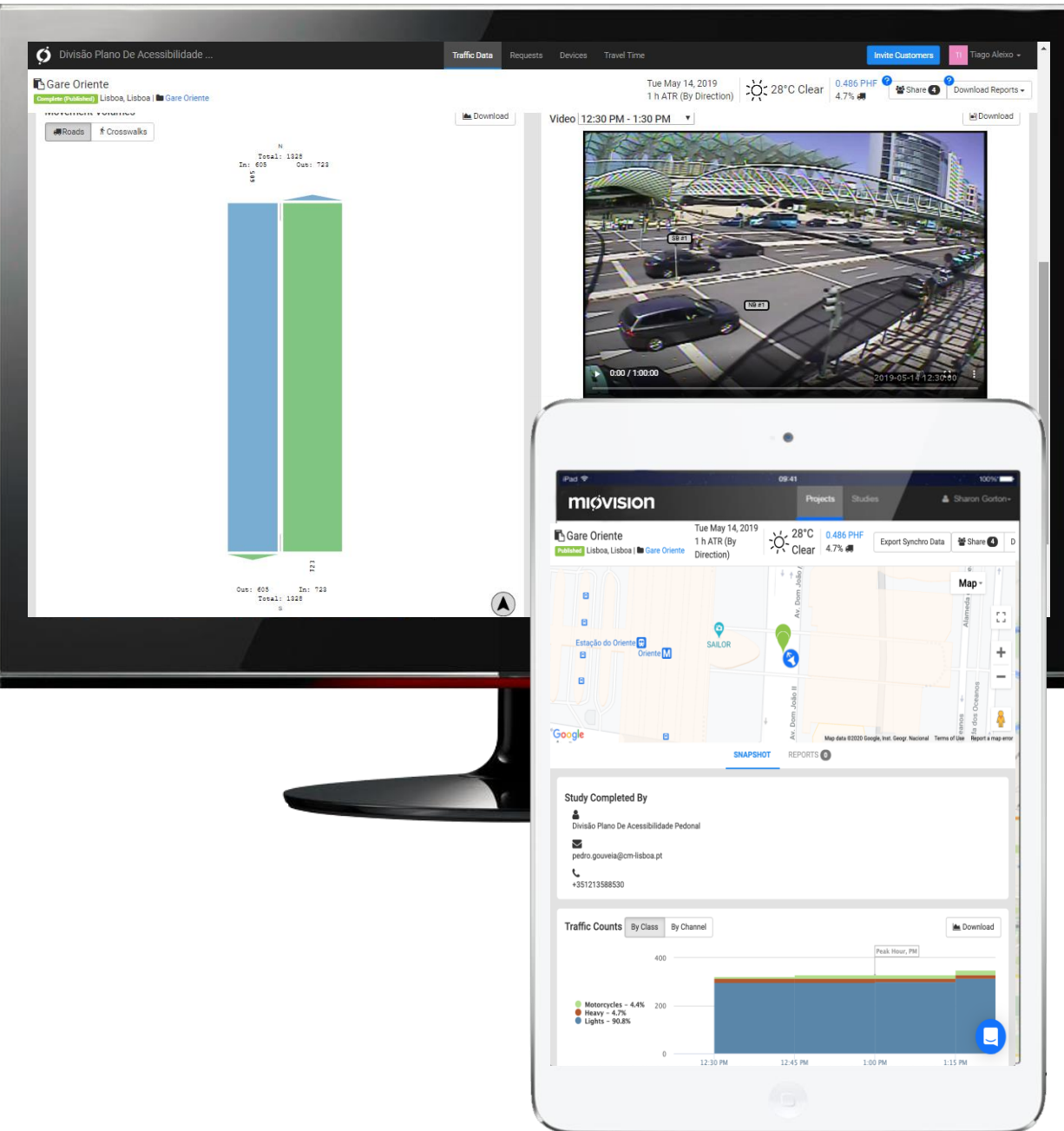


# Vehicle Count at East Station

Miovision Report

Total: 1326

- Northbound: 605
- Southbound: 723



# Conclusion of the count

Total vehicles: 1328

Total pedestrians: 1657

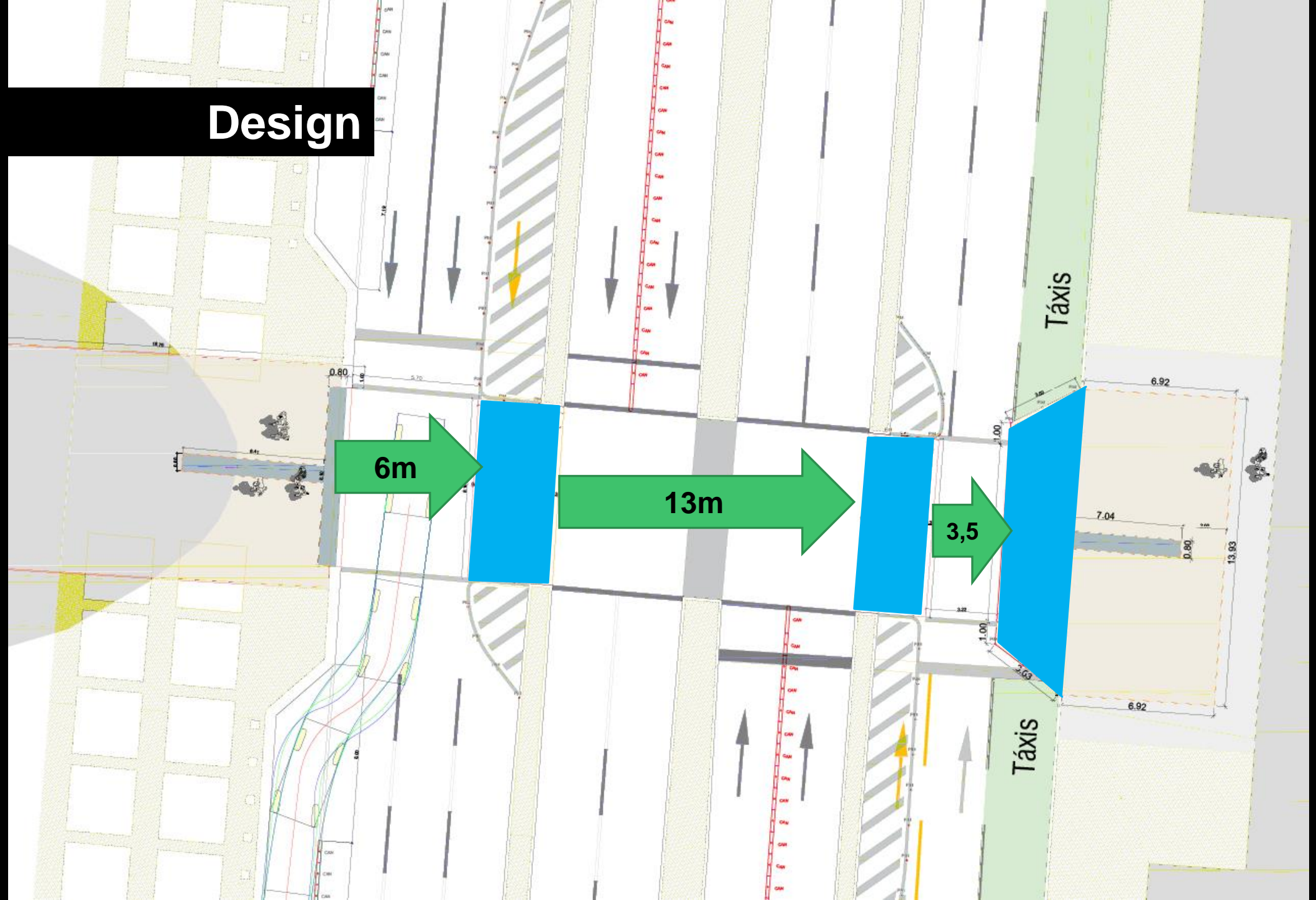
## Problem:

1. Pedestrians have 30 seconds to cross this 32,5m crosswalk.
2. In 8 years there were 35 minor injuries, 3 serious of which 2 are in wheelchair now

**Is it possible to improve the crossing for a better balance in the use of public spaces.**



**Design**





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