



The street is characterized by being an area with a lot of pedestrian flow, due to the shops and hotels. Even so, the space does not provide shade or safety for pedestrians. Making this street an area of opportunity for the interaction between water and shadow.

Solar incidence on the street LOW MEDIUM HIGH Materials Tinted glass Solar radiation: 60% Albedo: Standard Dark portuguese pavement Solar radiation: 30% Albedo: Low Light portuguese pavement Solar radiation: 60% Albedo: High **Metal Curtain** Solar radiation: 80% Albedo: High spaces Asphalt Solar radiation: 7% Albedo: Low Estucco Solar radiation: 70% Albedo: High

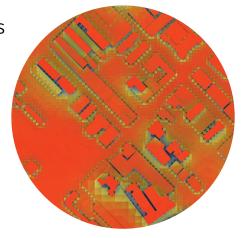
Surfaces and solar incidence

Superfícies e incidência solar

Materials, create our identity but they can also damage us if they are not positioned correctly. Albido, a fundamental part of solar reflectance, a fundamental part of environmental care.



- -Low albedo surfaces
- -Low ventilation
- -Spaces Between reflecting facades
- -No vegetation

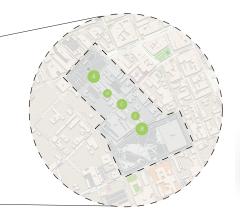


XV de Novembro PUBLIC SPACE PEDESTRIAN PATH

Public space situation

Situação do espaço público

The street today: a space where the passage of vehicles and pedestrians cannot be distinguished, where there is no shade, where there is no connection with parks or nature.





Senador Alencar Guimaraes Street: Today







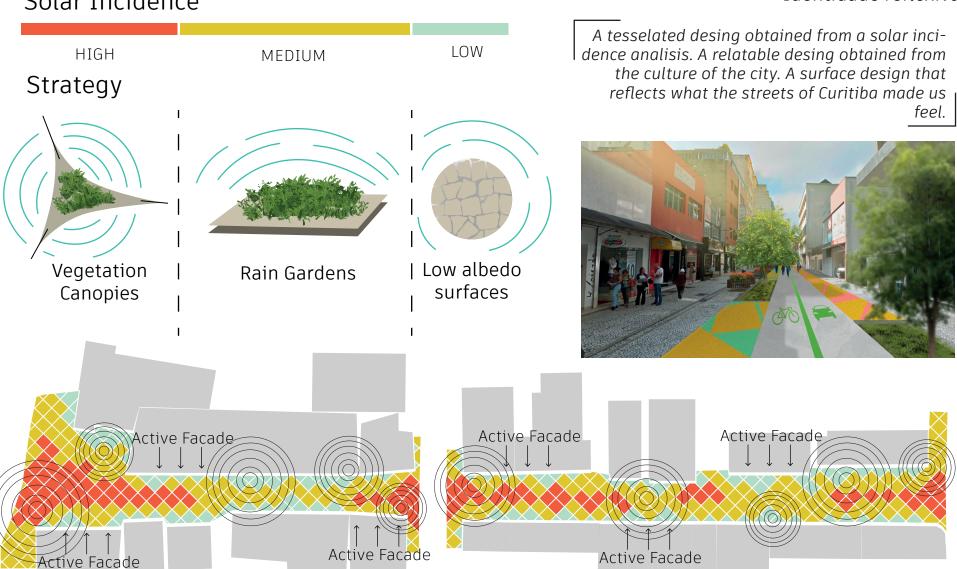




Strategy 1: Reflective identity

Solar Incidence

Identidade reflexiva





Jacarandá (Jacaranda mimosifolia)



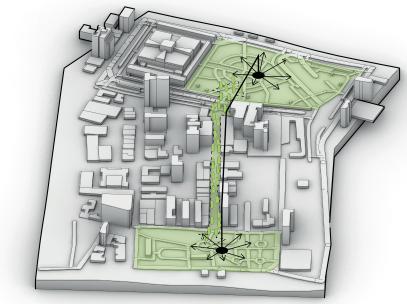
(Syagrus romanzoffiana)



Alegría Guineana (Impatiens walleriana)







"A **pedestrian path** filled with vegetation or a **vegetatión path** crossed by a pedestrian walkway"

Strategy 2: Urban Ecotone

Ecótono urbano

Ecotone is where two ecosystems collide. It is a place of connection, a place of exchange. The necessity of connection surrounds our daily lives, let's join our pathways, let's unify our cities...

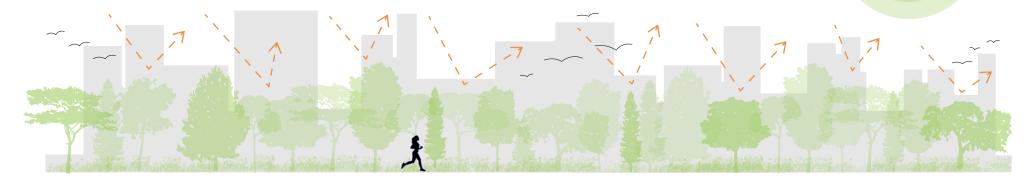
Potential connection

Rui Barbesa park

Rui Baresca Park is a principal connection place for public transport.

Gen. Osório Park is the Final point of XV novembre's pedestrian pathway.

Gen. Osório park

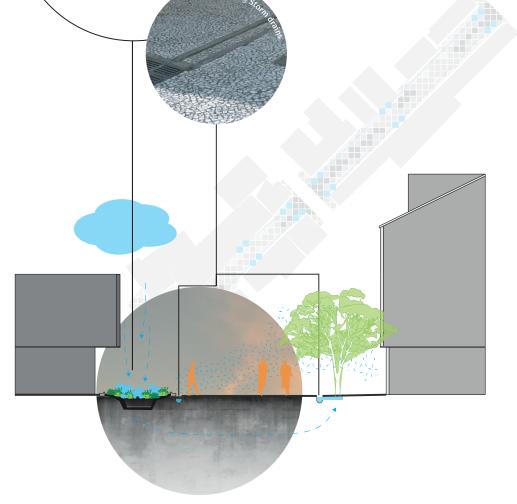


Strategy 3: Urban Transpiration

Transpiração urbana

Stormwater Medians can collect water and redistribute it through pre-existing Storm drains, using pumps to create a Stream that produces humidity to cool down the street.

Imagine a city where water holds as much importance as cars do, the flow of it guiding you along the cracks of your city. Creating a tranquil and fresh environment.





Master Plan

