

LM
Architecture Heritage Preservation and Enhancement
2020-2021

Atelier Urban Design
Strategies for the enhancement of the La Mandria Natural Park

Coordinators
Elena Vigliocco e Sebastiano Roveroni

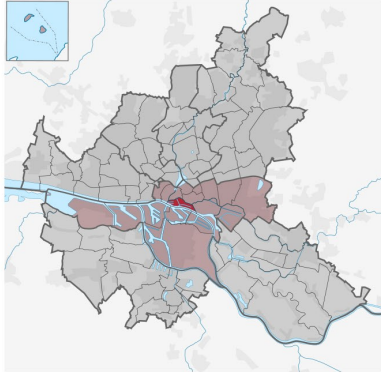
Ex3, Analysis of Master Plans

by
Necdet Ayik, Jowita Tabak, Alex Sarria, Frank Ramirez

Hafencity

Hamburg, Germany

hafencity facts and location



Development aim: new waterfront city centre with harbour ambience for housing, offices, culture, tourism, and shopping

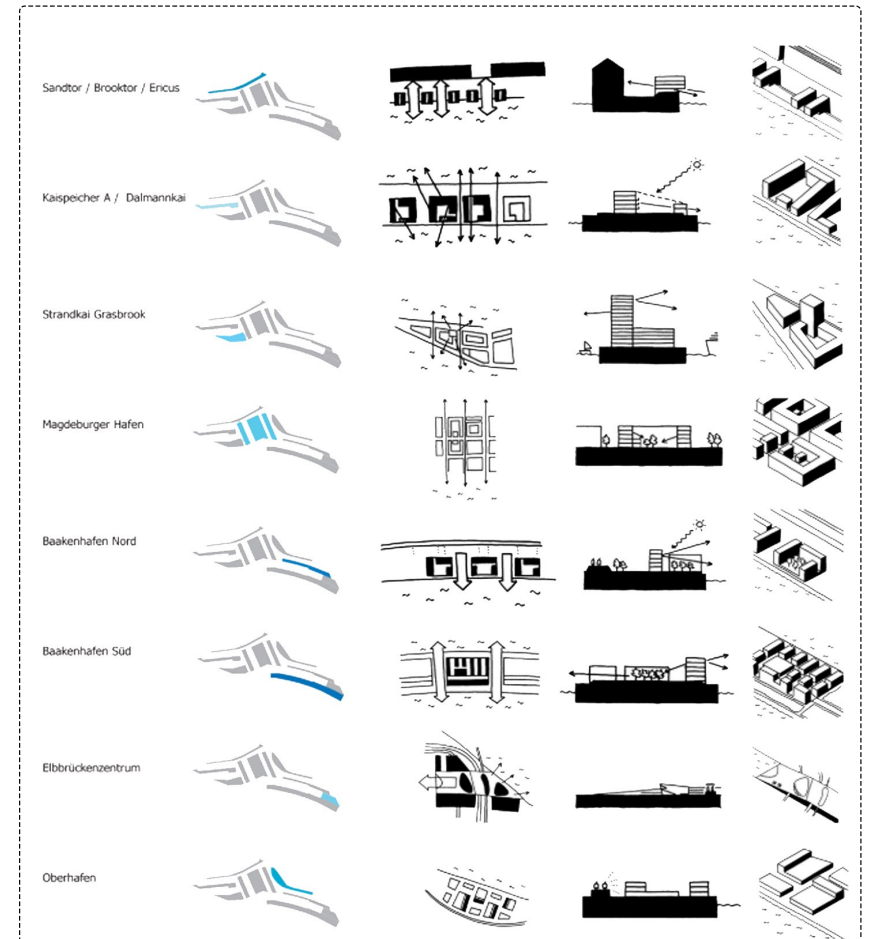
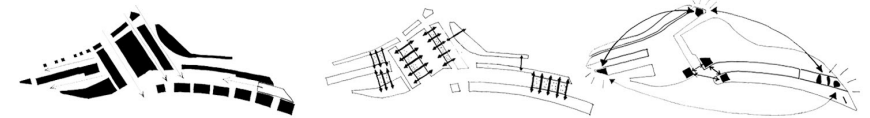
- Total size of the area to be developed: 155 hectares
- Water area: 55 hectares
- Land area: 100 hectares
- Net building land: 60 hectares
- Gross floor space: 1.5 million square metres
- Average floor space index: 2.5
- 10,000 to 12,000 inhabitants
- Office space for 20,000 jobs
- Distance to town hall: 800 metres
- Distance to main station: 1,100 metres
- Distance to airport: 9,500 metres
- Max. length of the site (east to west): 3,300 metres
- Max. width of the site (north to south): 1,000 metres
- Existing: efficient road network with links to citycentre and motorways
- Proposed: attractive public transport system

hafencity masterplan and landuse analysis



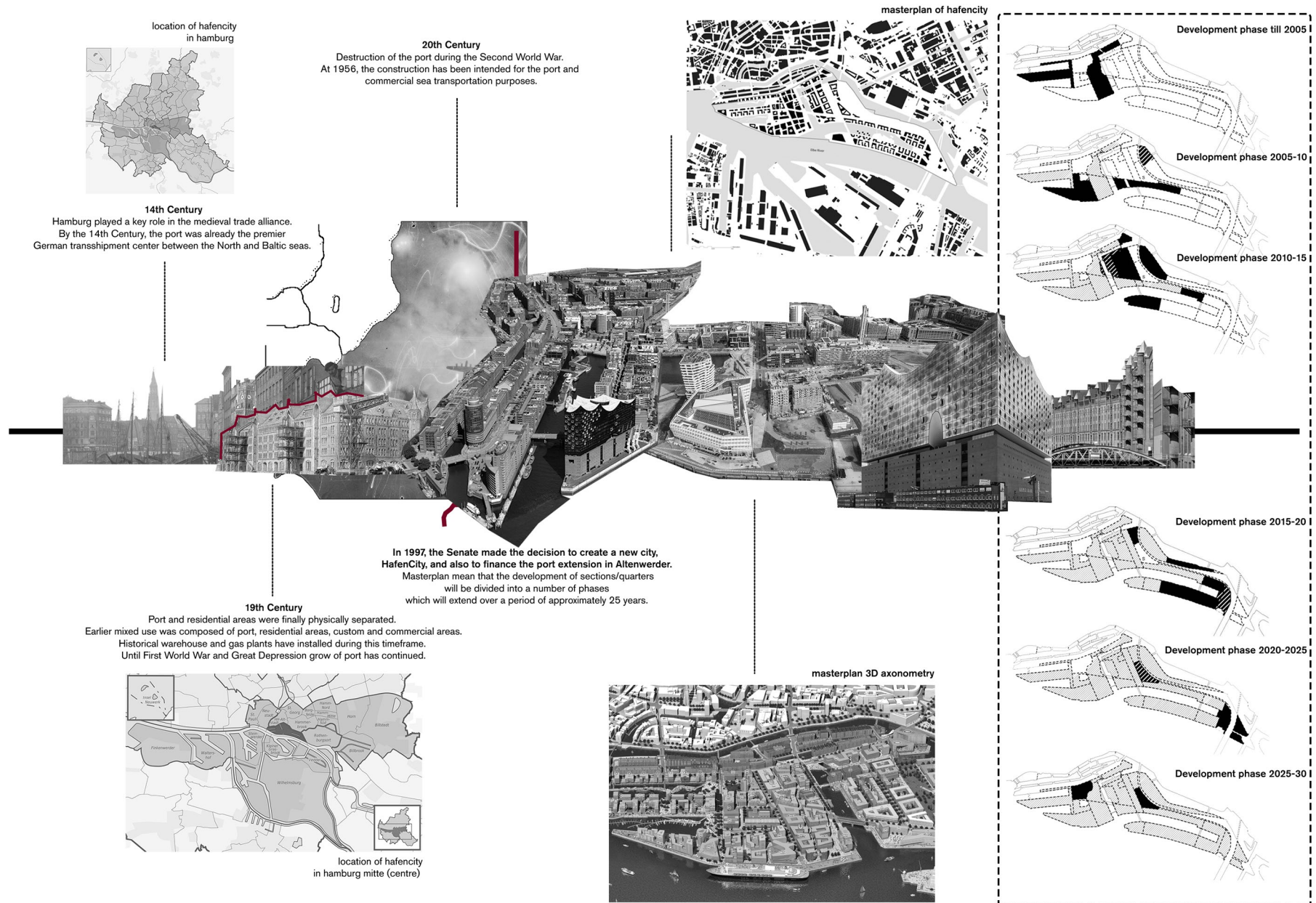
■ Residential ■ Offices ■ Education
■ Leisure Time ■ Public Use ■ Cultural

hafencity macro and micro design strategies



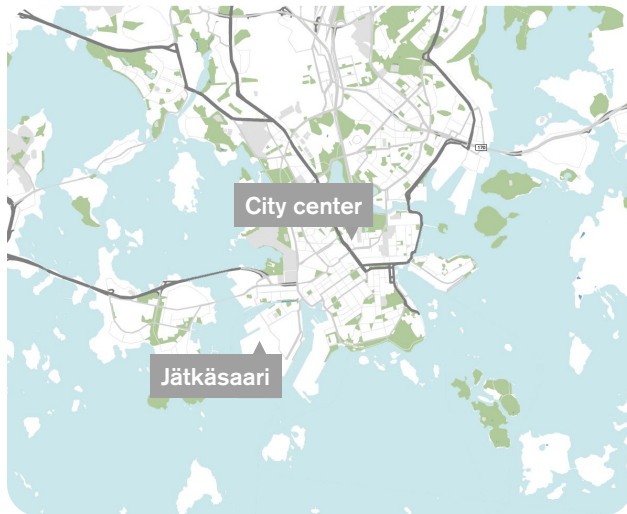
Hafencity

Hamburg, Germany



Jätkäsaari - new maritime inner city district
Helsinki, Finland

data



location

Designed by
Helsinki City Planning Department

1,5 km to the city center
Cargo harbour in the past
Over **1 km** long Hyväntoivonpuisto park
Streetfront shops
Waterfront
Pedestrian and cycle paths
Tramlines
Carbon neutrality

Entire Jätkäsaari area:

Land area	100 ha
Parks	19,8 ha
Total floor area	900 000 m ²
Residential buildings	600 000 m ²
Workplaces and services	300 000 m ²
Residents	16 000
Workplaces	6 000
Construction period	2009-2025
Costs	470 millions euros



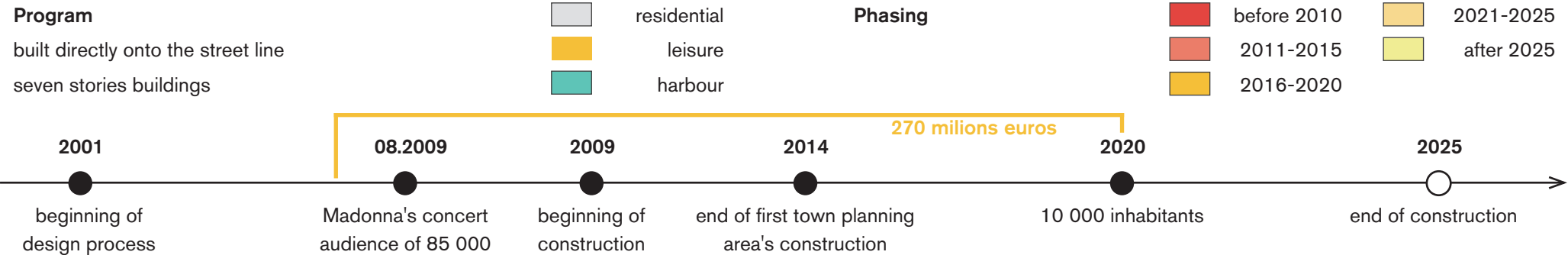
foto from 2009



foto from 2021



plan for 2025



The Green Corridor

Santiago de Cali, Colombia

The Master Plan as A Link

Designed by
Espacio Colectivo Arquitectos + Opus

Location: Cali, Colombia

Year: 2013

22,3 km long

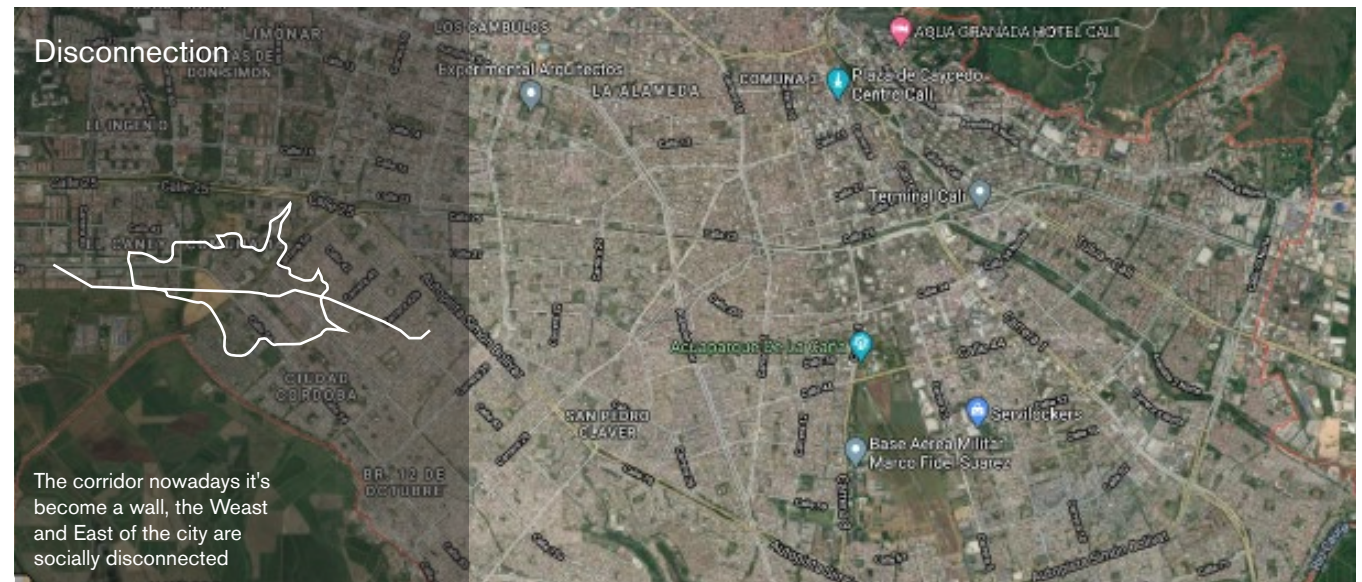
49,7km²

108 neighborhoods related

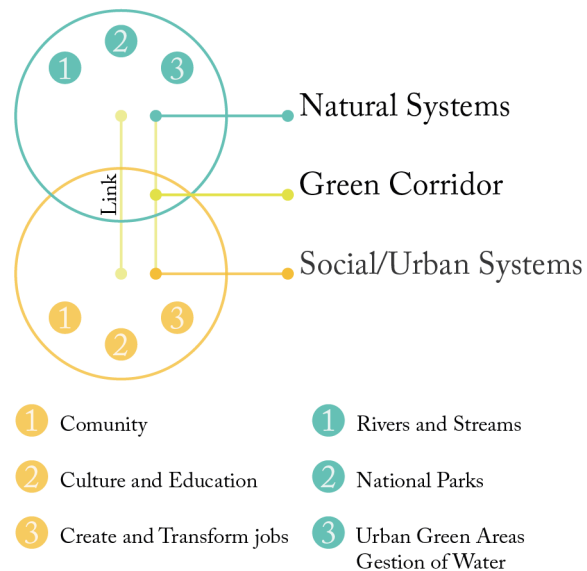
Cost: 544 million USD

Pedestrian and cycle paths, Tramlines,
Parks, Urban Infrastructure.

Actual or Past Situation



The Master Plan as A Link



Master Plan Vision

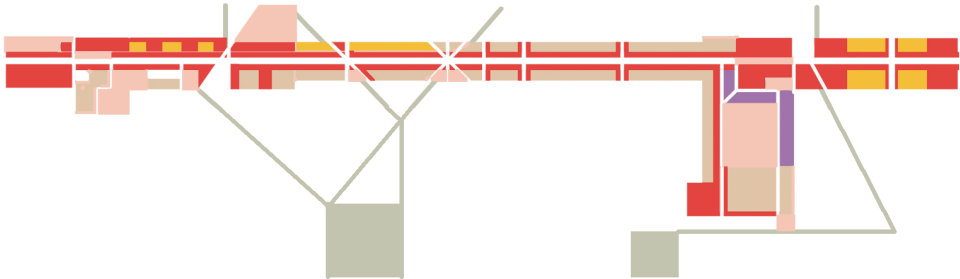


The Green Corridor
Santiago de Cali, Colombia

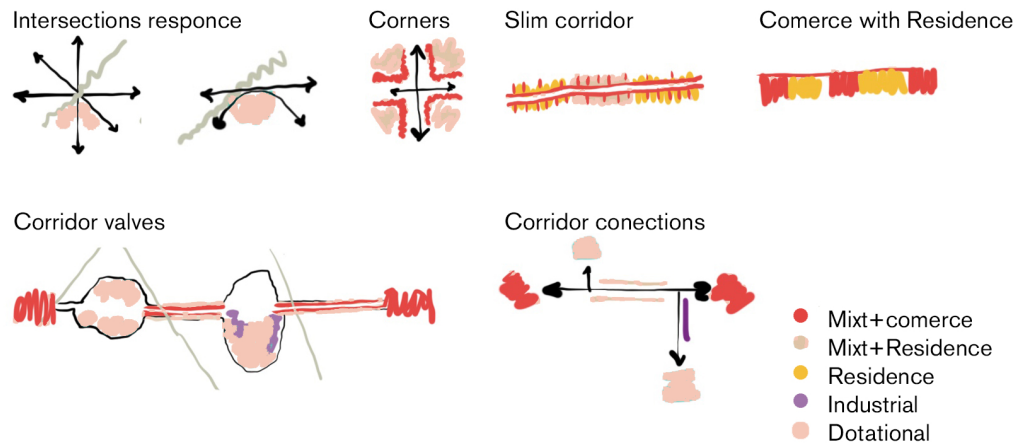
Program



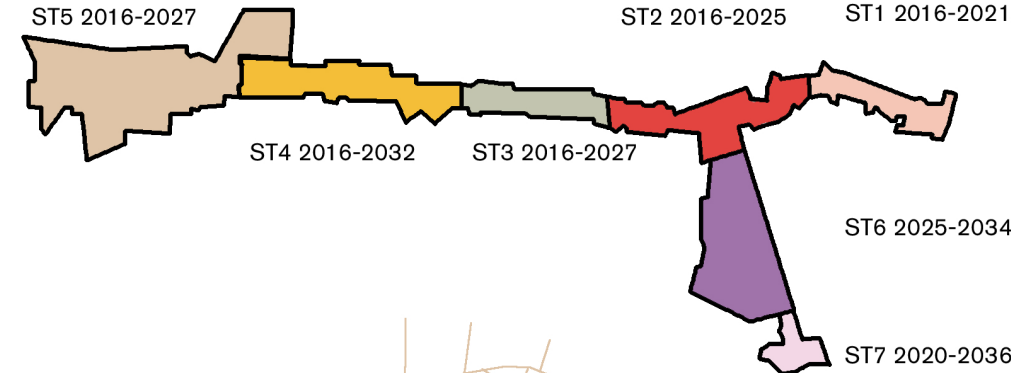
Program Abstraction



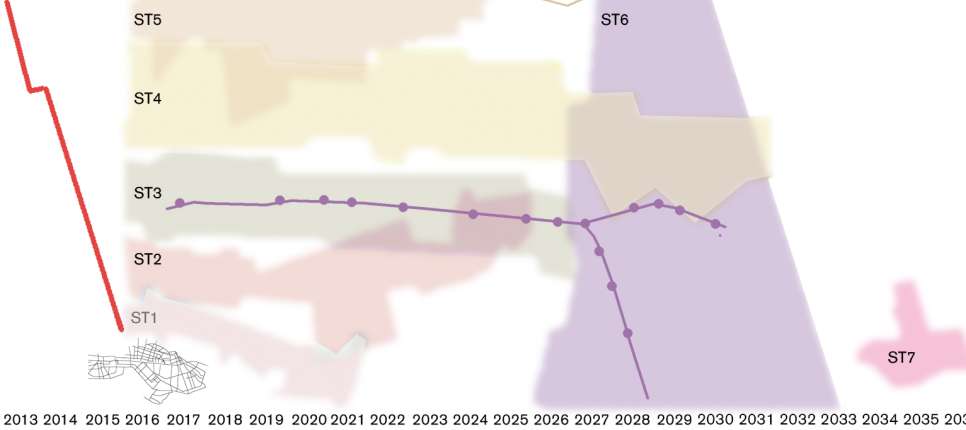
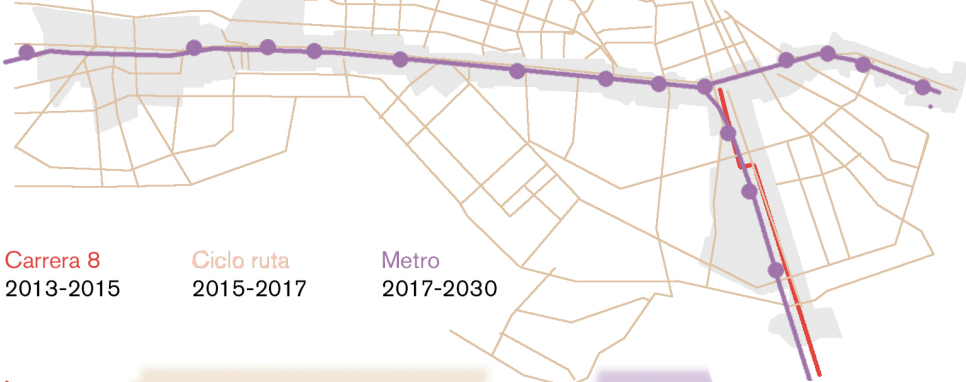
Program Diagrams



Stages

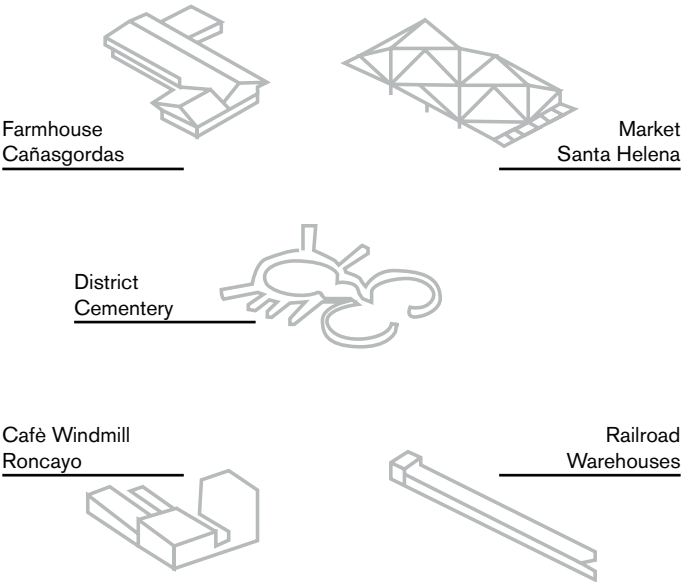


Mobility Phases

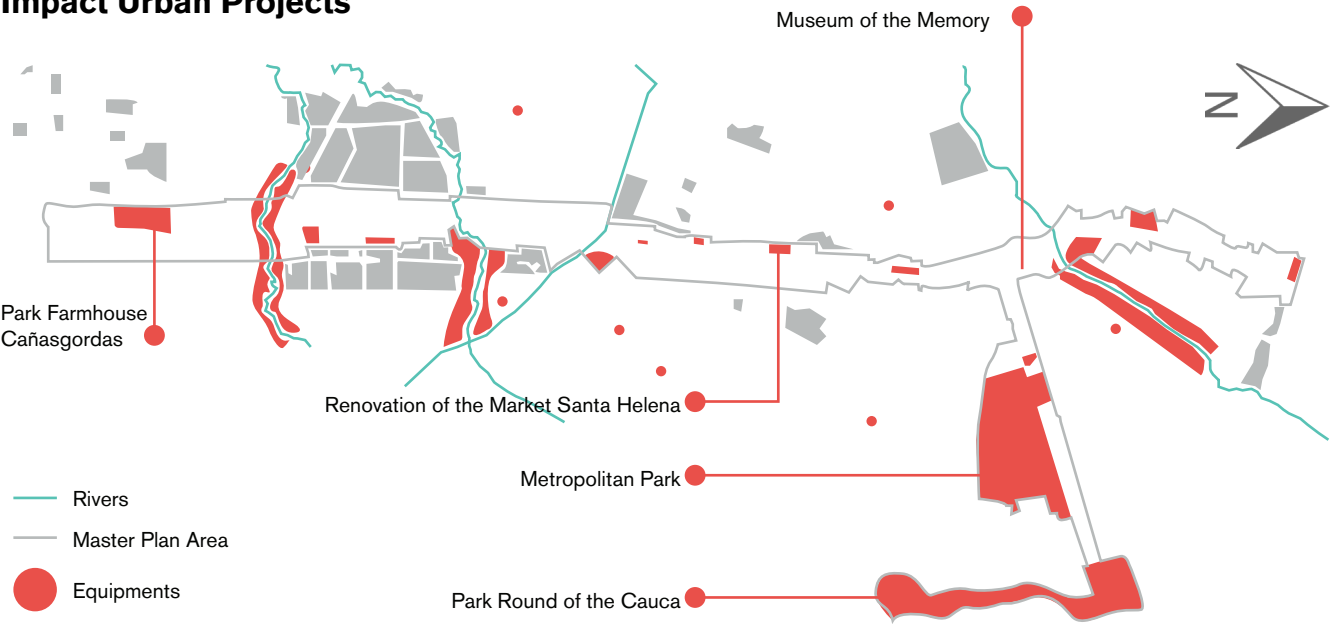


The Green Corridor
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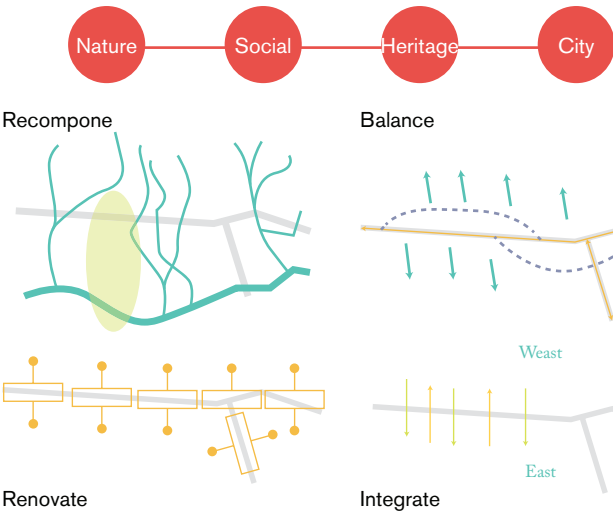
Rehabilitation of heritage buildings



Impact Urban Projects



Strenghts, Layers Relations



Components

