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OVERVIEW OF THE PROJECT

BENEFITS

GOVERNANCE

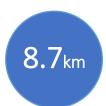
ECOLOGY AND INNOVATION

DESIGN AND URBAN DEVELOPMENT

DATAS: Common mobility solutions in France



of people in France use their personal car for their daily travel needs.



the distance of the average local trip, for all modes of transport.



of short-distance trips are made with personal cars.



of people in France use public transit for their daily travel needs.



of greenhouse gas emissions in France come from the transportation sector.



of these emissions are caused by people traveling in their personal cars.



France's target, outlined in its national low-carbon strategy:

reduction in greenhouse gas emissions from the transportation sector by 2030.

A compact and dense city



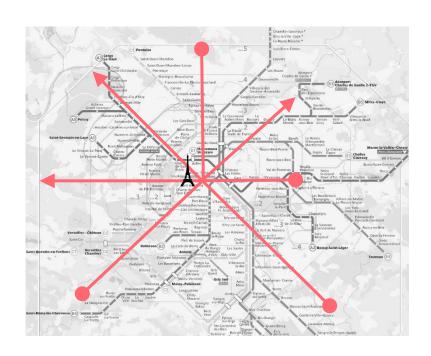
8 600 pop/km²
7 M pop / 861 km²

5 490 pop/km² 8,6 M pop / 1 600 km²

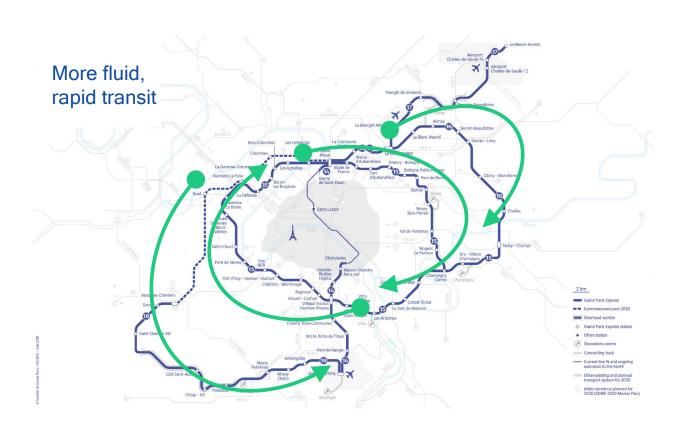
10 194 pop/km² 8,8 M pop / 778 km²

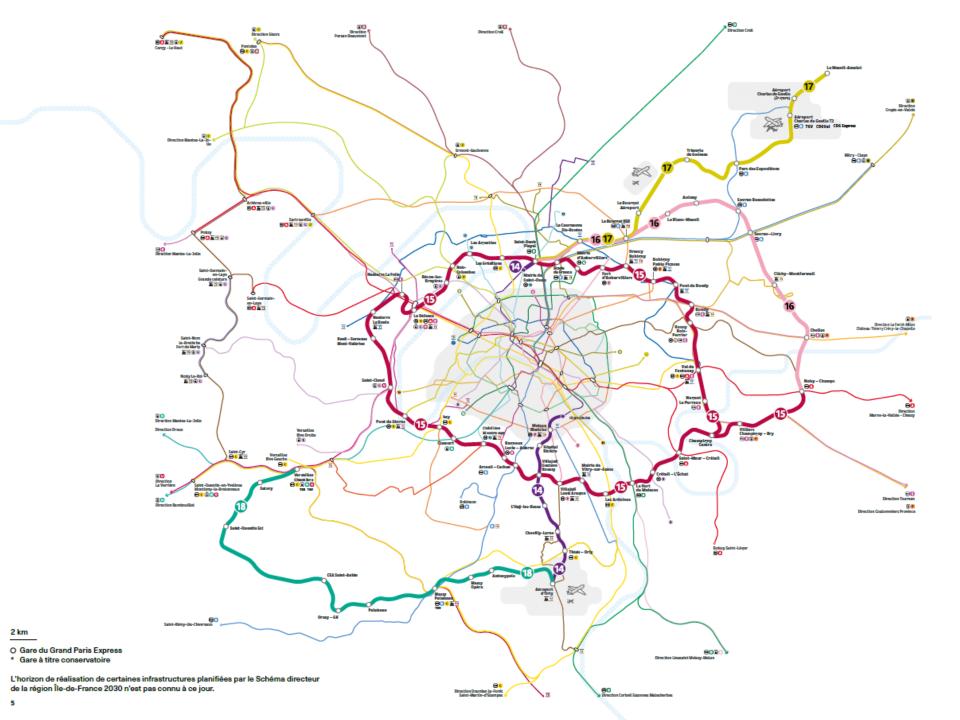
The transport network needs to be rounded out

Travel saturated by having to go through the centre



The answer: build a ring route





A high-performance network

68

new stations

100%

automatic

Nearly 3 million

passengers per day

90%

underground network

1 train every 2 to 3 minutes



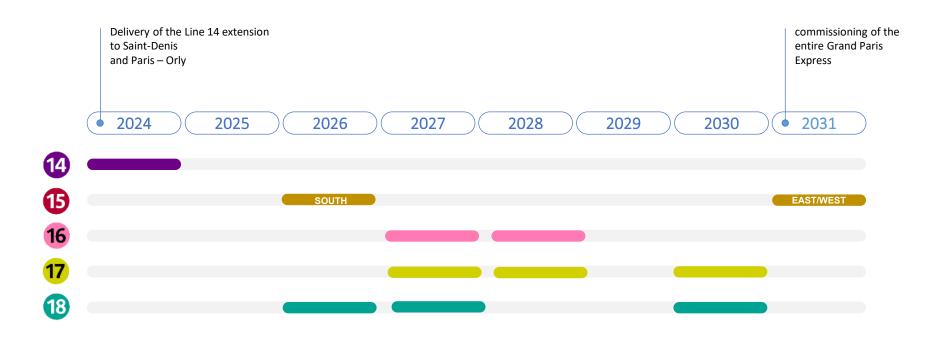


Traffic speeds ranging between $55 \ and \ 65 \ km/h$ on average

200 km of new lines added to the existing 200 km of metro lines

100% accessible for people with reduced mobility

Progressive deliveries between 2024 and 2031



105,7 km of tunnels already dug by 31 TBMs



OVERVIEW OF THE PROJECT

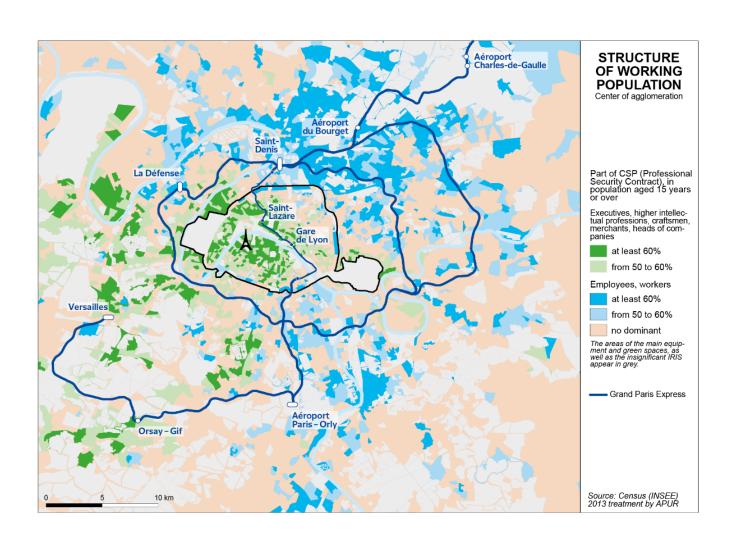
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Strong and social division remains



Facilitating access to jobs, health and recreation

Combatting regional inequalities

Overcoming environmental challenges

Within a 10 min walk from future stations:

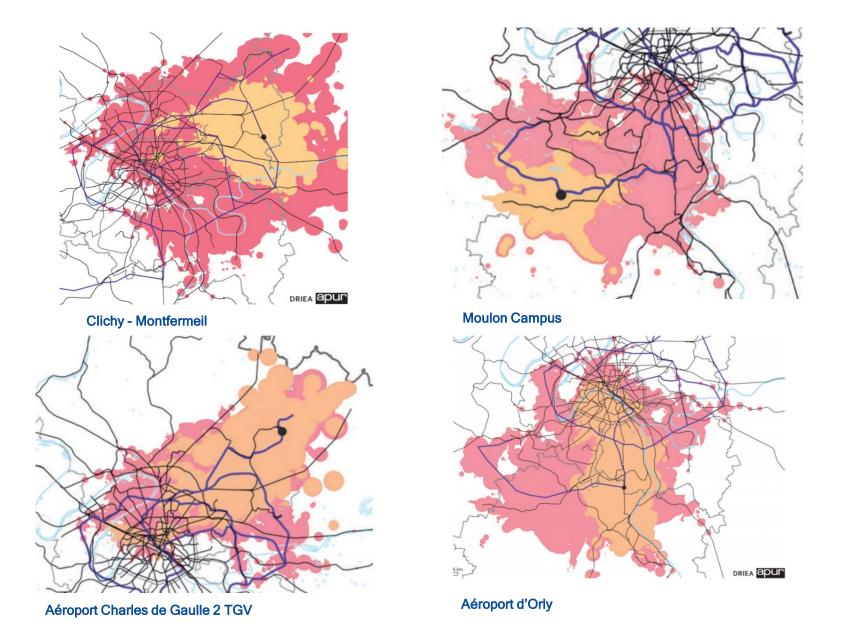
- 130 universities and schools
- 408 health facilities
- 656 cultural sites

- 42 stations located within 800 m of one of the city's priority neighborhoods
- 30% of social and temporary housing located in rail districts
- New activities and jobs located in rail districts
- Service for cities that are currently little or not accessible by public transit

CO₂ emissions reduction of at least 14 million metric tons of CO₂ equivalent by 2050

- 36% by reducing car use
- 64% by renovating rail districts

Accessibility improvement



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A project born from a political consensus



Key milestones

17 September 2007

President Sarkozy's inaugural speech on Grand Paris



3 June 2010

Law dedicated to the Greater Paris project and creation of the Société du Grand Paris



13 November 2017

President Macron visits Clichy-sous-Bois



22 February 2018

Decision-making and government support for the project















2010

Creation of a dedicated compagny

2015

Works launched

2017

Declaration of Public Utility covering the entire project

2018

The French governement reaffirms its support for the project

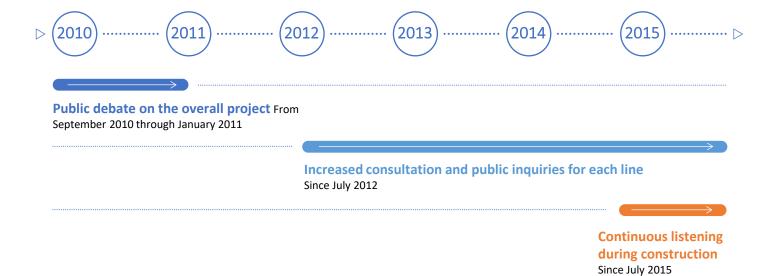
2023

Transformation of the Société du Grand Paris into Société des Grand Projets

2024 > 2030

Gradual deliveries

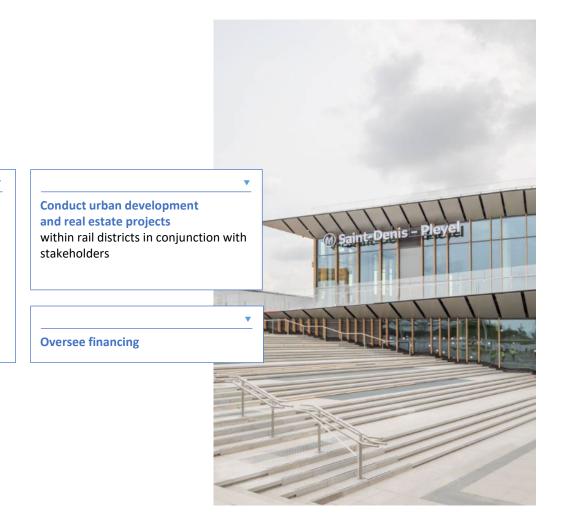
Ongoing dialogue with local authories, partners and inhabitants



A dedicated compagny

Design and build

construction of lines, structures, stations and facilities, acquisition of rolling stock on behalf of Île-de-France Mobilités, creation of interconnections with the existing network in coordination with SNCF Réseau and RATP

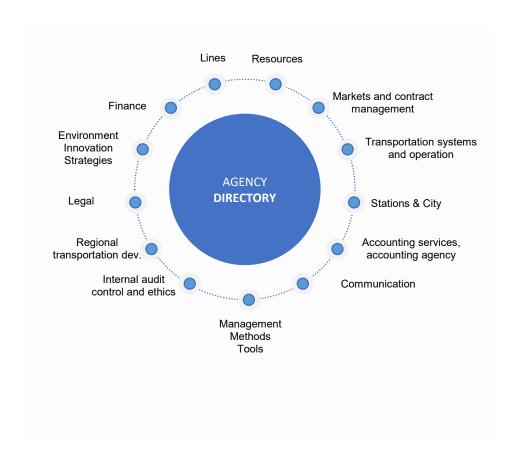


Organization

More than

1,000

employees





A matrix organization model that combines all business lines on one project platform

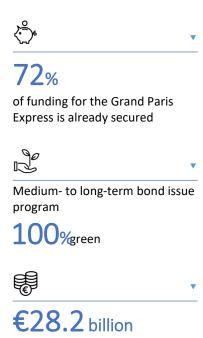


A regional transportation development department created to support SERM deployment

Long term financing

A financing model based on earmarked taxes in Paris region and long-term financing via the financial markets and institutions.





in bonds issued under a "Green

EMTN" program

OVERVIEW OF THE PROJECT

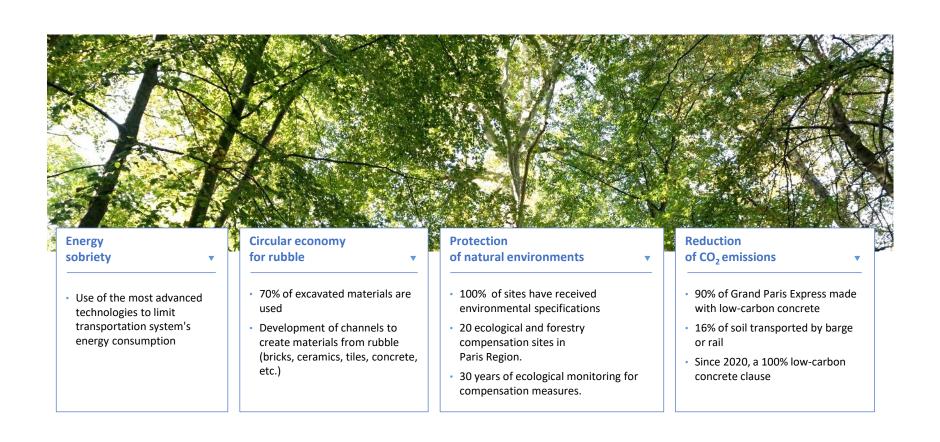
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A strong environmental ambition during the construction work



Innocation for a sustainable project



Innovation is an integral part of every stage of the Grand Paris Express project, from design to commissioning

Working to serve the energy transition

 Numerous innovative projects focused on sustainable design and construction: a tool for tracking excavated material and the use of fiber-reinforced concrete and ultra-low carbon concrete...

Fostering the emergence of innovative solutions

- Encouraging companies to offer innovative solutions in our markets
- Innovation bonus
- · Calls for innovative projects
- R&D programs, partnerships with universities, laboratories or other project managers

A space dedicated to innovation

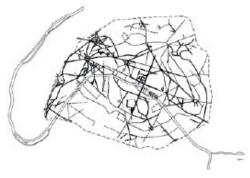
 La Fabrique du métro: full-scale testing of equipment, trials of innovative solutions and technologies **OVERVIEW OF THE PROJECT**

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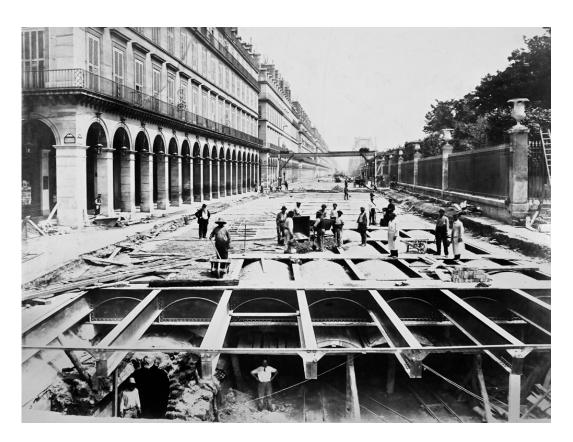
DESIGN AND URBAN DEVELOPMENT







Haussmann's project (1853); Eugène Hénard's scheme (1904); Chatelet-les-Halles RER subway station (1971).





w Wikipédia Entrée de métro G...



© L'art nouveau Les édicules d'Hector Guimard



Vivre paris
 Que reste t-il des édicules Guimard...



Le Cercle Guimard
 Le métropolitain – Le Cercle Gui...



Visite Insolite Paris ... L'édicule Guimard ...



Paris la douce
Paris : Entrées de métro Guimard...



© L'art nouveau

Les édicules d'Hector Guimard

L



■ Un Jour de Plus à Paris Les secrets décoratifs des bouches d...



N Paris Unplugged Paris 16 - L'édicule Guimard de la Porte Da...



Le Cercle Guimard Étude de la station A...



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Les bouches d'entr...





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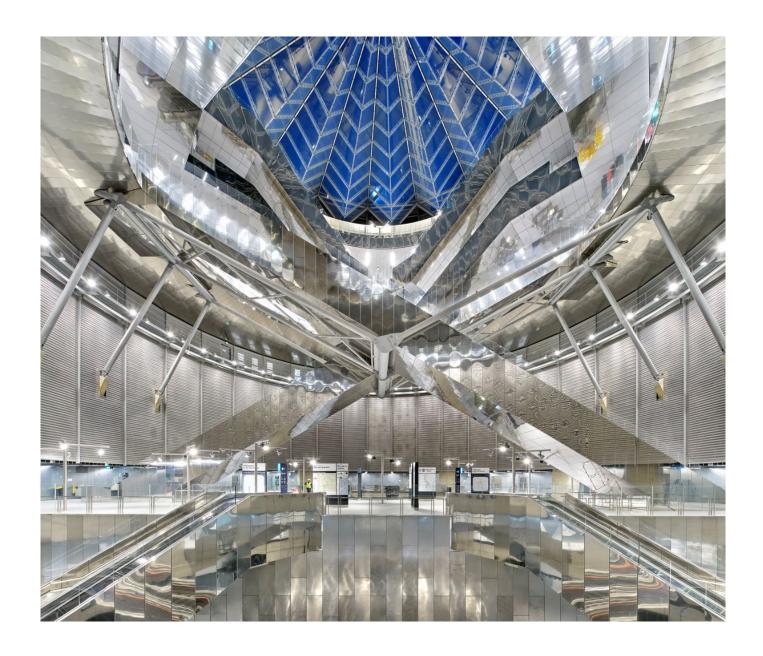
Loquis
 Édicule Guimard , Paris Podcast - ...

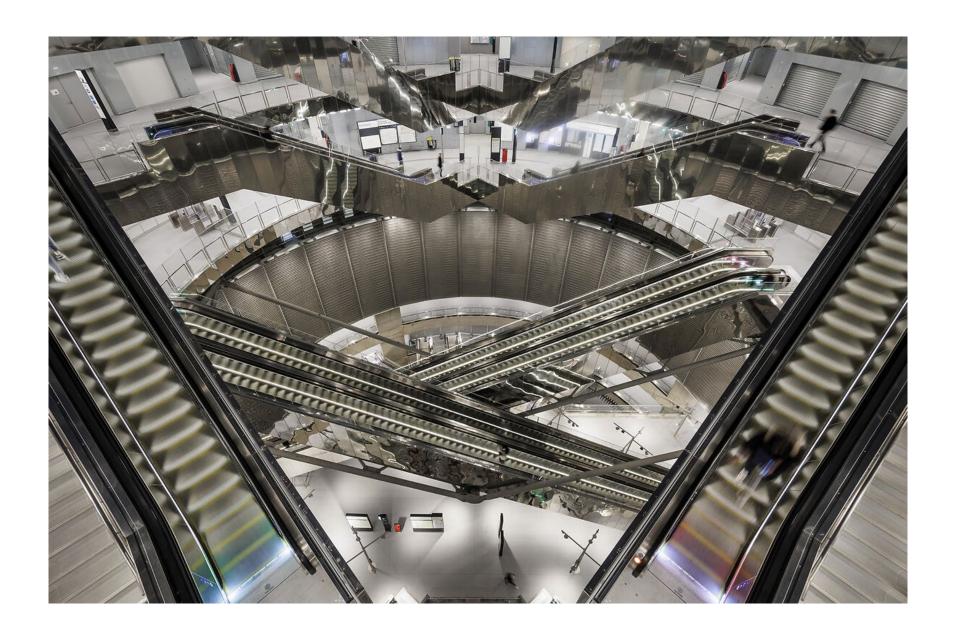


Vivre parisLes édicules Guimard qui ont voyag...

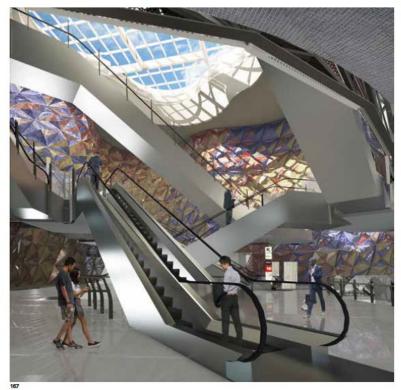




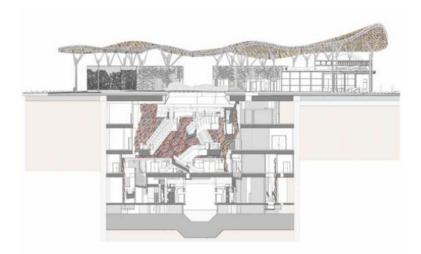




gare clachy - montfermeat



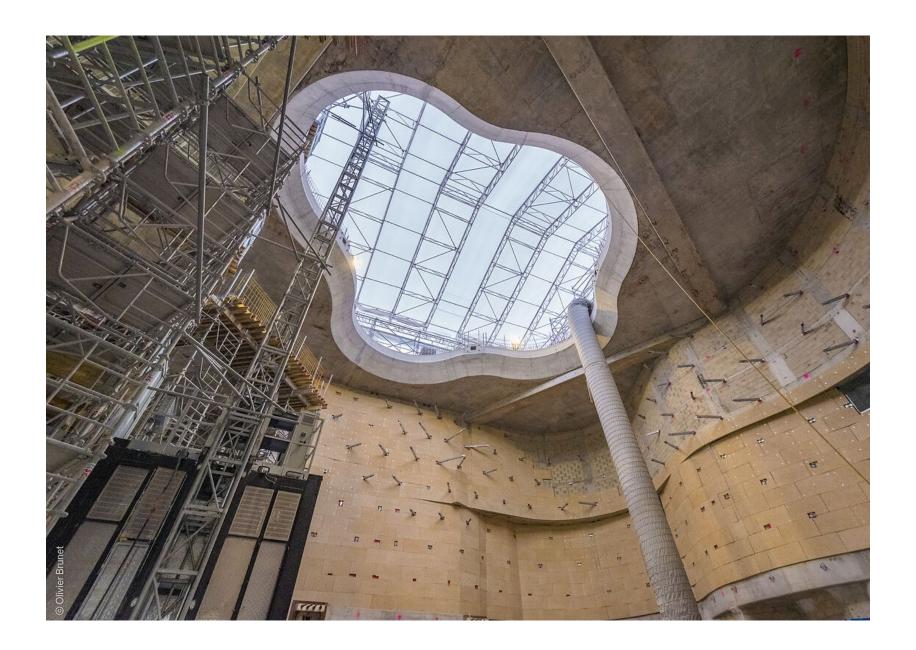








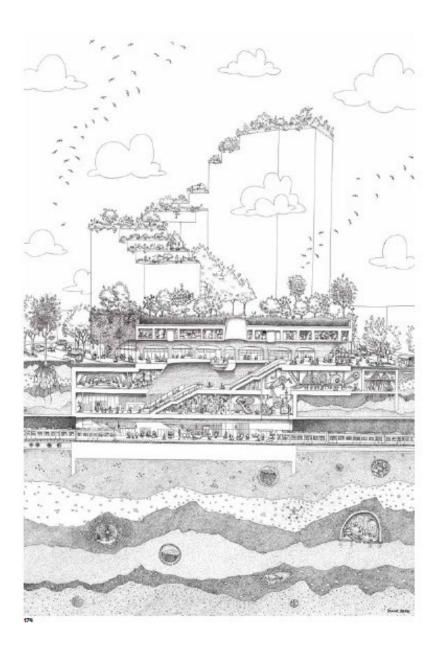
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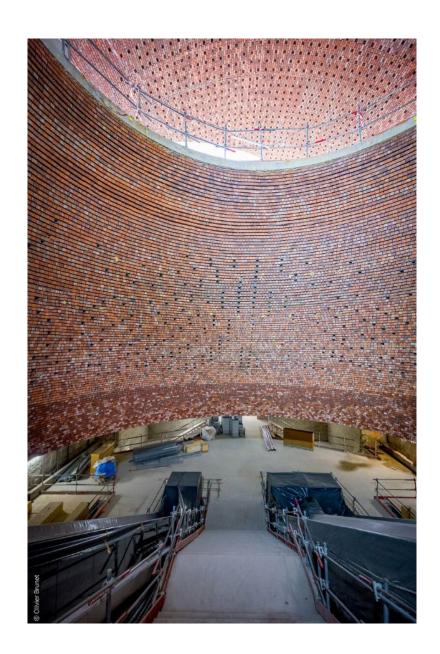


gare La Courneuve sax-routes



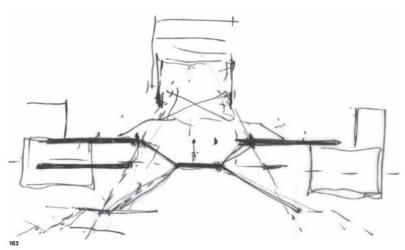




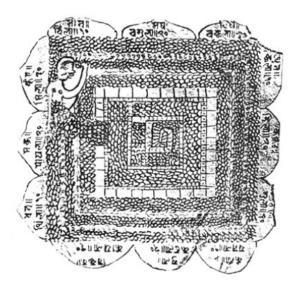




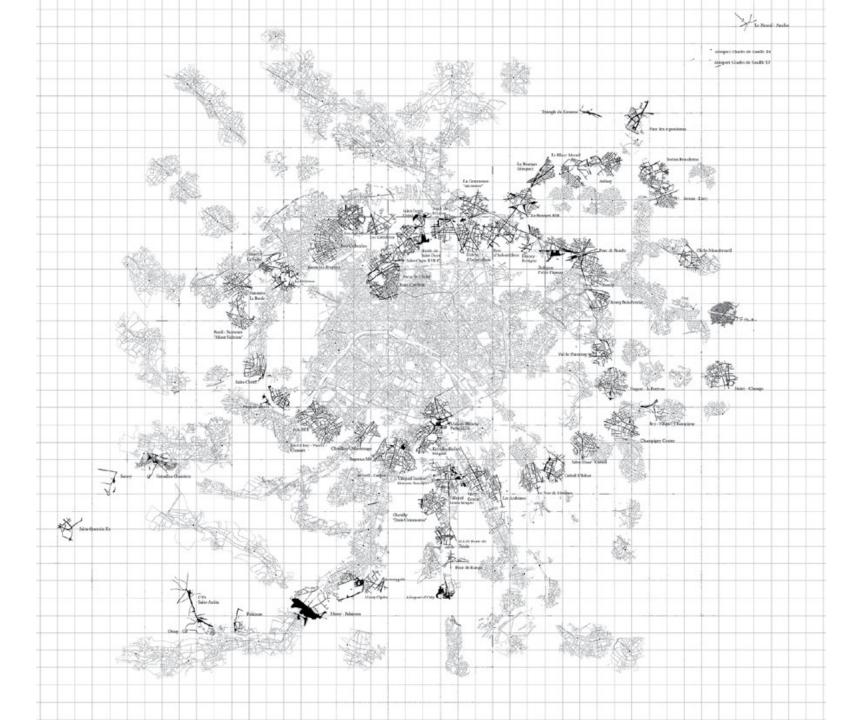
gare bagheux - Lucie aubrac











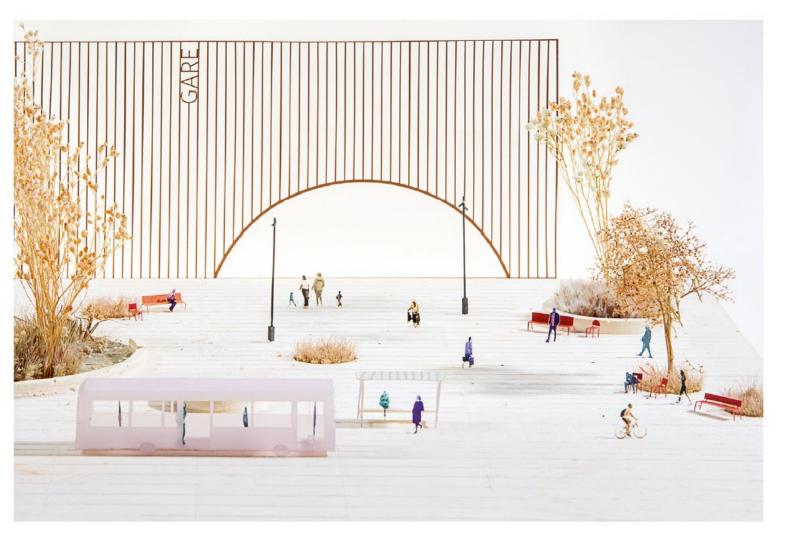




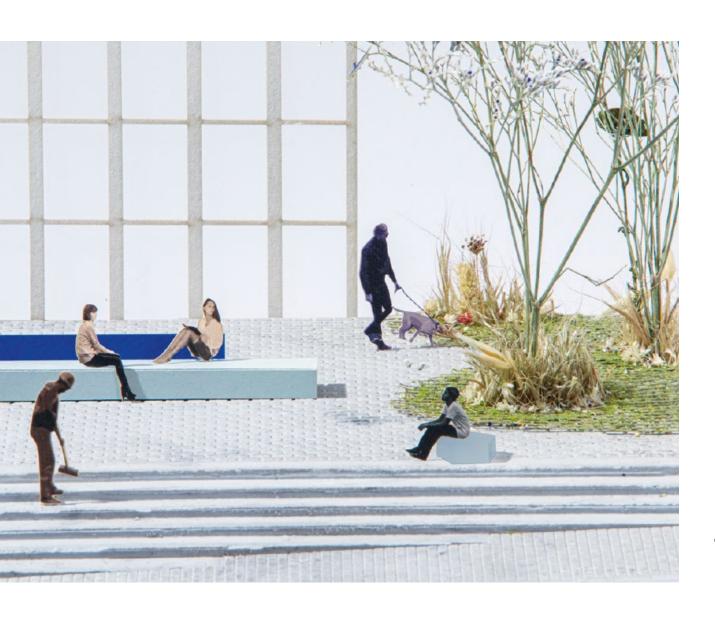
Promoting comfort for pedestrians



Make space for trees!



Improve connections between different public transport modes



Imagining places to live and meet



La Courneuve station



Before After



Sevran Livry station



Before After



