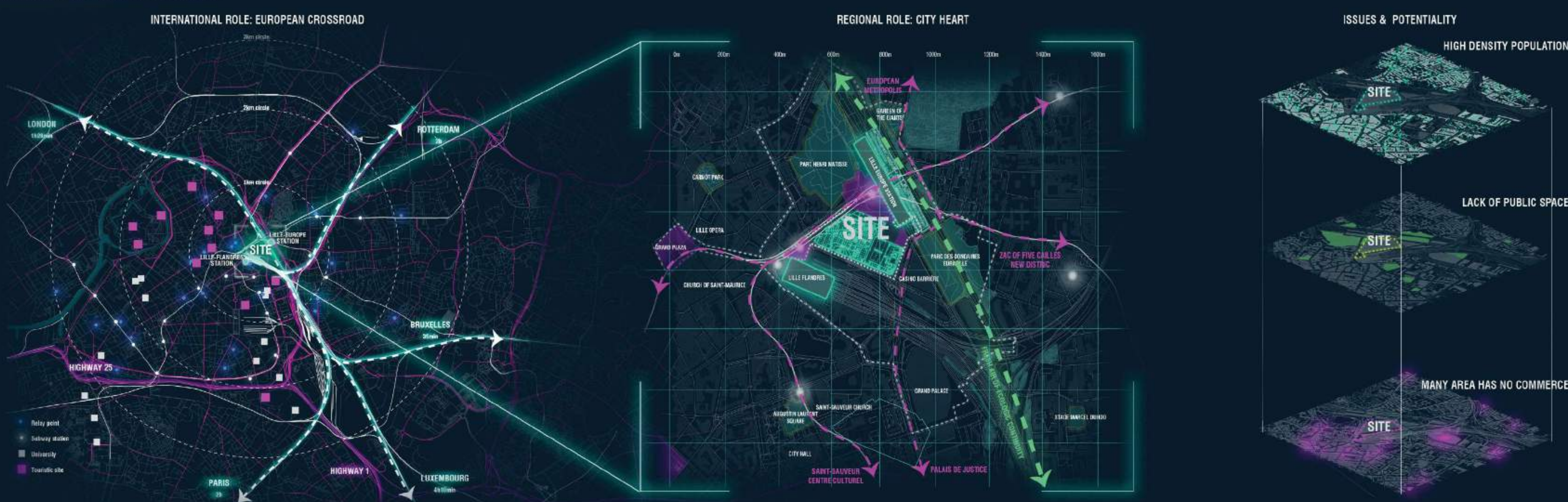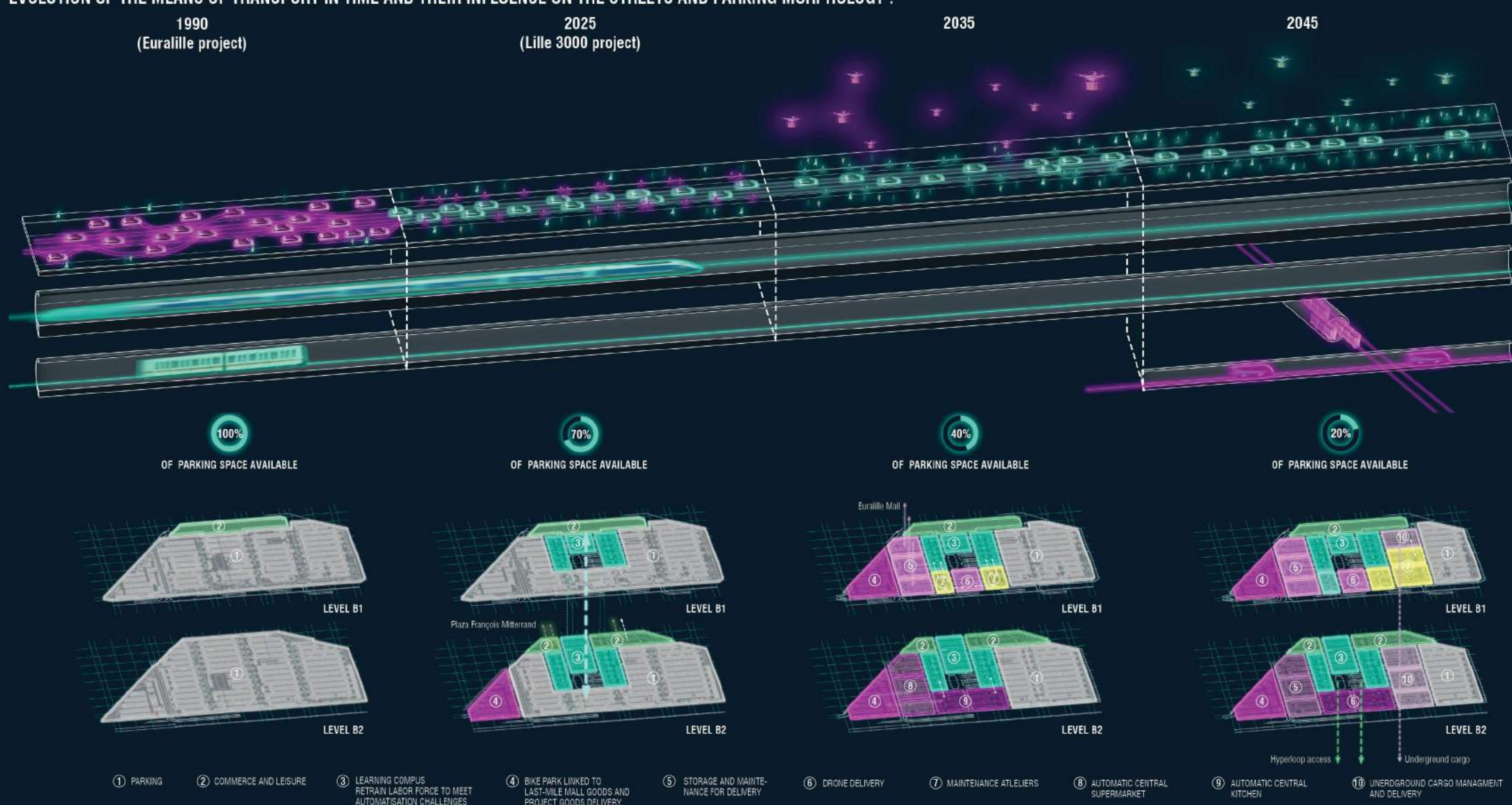OST
Paris, France

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# T³PARK

## T³Park
### TRANSITION, TRANSPORT, TOMORROW

INTERNATIONAL ROLE: EUROPEAN CROSSROAD

REGIONAL ROLE: CITY HEART

ISSUES & POTENTIALITY

HIGH DENSITY POPULATION

LACK OF PUBLIC SPACE

MANY AREA HAS NO COMMERCE

**Site situation:**

The car-park is located in the Euralille economic district in Lille. It's caught between the two main stations of the Lille city : Lille Flanders and Lille Europe which makes it a crossway between one of Europe's main cities : Paris. Brussels. London.

The site is part of the ongoing project Euralille 3000 which aims to create more public spaces, encourage soft transport modes ( mainly bikes) and densify the neighboring districts (Saint Sauveur district / Pépinière district). Furthermore, the city of Lille is characterized by a high economy and a bustle of commercial activities.

These factors guide us to reflect on the economic and technologic potential of our project.



## EVOLUTION OF THE MEANS OF TRANSPORT IN TIME AND THEIR INFLUENCE ON THE STREETS AND PARKING MORPHOLOGY :

| 1990 (Euralille project) | 2025 (Lille 3000 project) | 2035 | 2045 |

**100%** OF PARKING SPACE AVAILABLE

**70%** OF PARKING SPACE AVAILABLE

**40%** OF PARKING SPACE AVAILABLE

**20%** OF PARKING SPACE AVAILABLE

LEVEL B1 / LEVEL B2

① Parking
② Commerce and leisure
③ Learning compus Retain labor force to meet automatisation challenges
④ Bike park linked to last-mile mall goods and project goods delivery
⑤ Storage and maintenance for delivery
⑥ Drone delivery
⑦ Maintenance ateliers
⑧ Automatic central supermarket
⑨ Automatic central kitchen
⑩ Underground cargo management and delivery

## PHASES SCENARIO

**1990**
Euralille
The TGV and the automatic metro connected Lille to the neighboring cities and to the world making it an important European metropolis.
→The roadways are large and car-parking spaces on their both sides are foreseen. Bikes are not considered as important part of people's transportation method.

**2025**
Euralille 3000
Lille city, encourages more bike usage and last-mile delivery is assured by bikes.
Car usage is reduced in cities and electric cars are wide spread (Paris agreement).
→Bike paths are added to the road and road side park spaces are suppressed.

**2035**
New transportation mode is introduced: Drones for goods delivery and medical aid kits.
Autonomous cars start to be spread and car presence in the city is more and more reduced.
→More space is dedicated to the pedestrians and the bikes on the road.

**2045**
New transportation mode is introduced :
Underground channels for long distance delivery.
Hyperloop: electrically proposed underground pods for long distance travel.
L3 Automatic cars are widespread.
→Car space on the road is even more reduced for automatic cars need less space to navigate. The road is mainly dedicated to people and two wheel soft transport.

Our project is characterized by three major factors: The progressive reduction of parking space (As automatic cars can be parked more efficiently and spend less time in the parking). The consumption habits mainly relying on delivery and the necessarily upgrade of the labor force.The program that we withdrew from these observations is therefore focused on learning, delivery and management services.It breaks down as follows:

**2025**
Reduction of parking space by 30 %
Creation of a monumental atrium to bring light to the underground and enable the layout of new activities.
Creation of the learning campus: It aims to retrain the labor force lost to automatisation and help it learn new skills adapted to the upcoming new programs ( Electric car maintenance, last mile delivery managment, Drone maintenance etc…). (3)
Creation of new bike parking spaces for last mile delivery in B2 (functions along with the Euralille center). (4)
Excavation of the François Mitterand place to free the façade of the B2: Creation of a new leisure area ( restaurants/exhibition/Commerce) along the façade. (2)
**2035**
Reduction of the parking space by 60%
Creation of work/managment spaces linked to the campus (6)
Creation of dark kitchens and dark markets (7) (8)
Enlargement of bike parking space and circulation for last mile delivery (4')
Creation of drone storage and management spaces (5) (6)
**2045**
Extension of the Atrium in the underground : Creation of a hyperloop access
Creation of a connetion to the underground cargo
Creation of cargo maintenance and management spaces (9) (10)

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