



DEVELOPMENT OF INTERMODAL TRANSPORT HUBS IN THE 21ST CENTURY METROPOLIS THE GREATER PARIS EXAMPLE

17-18 October 2013

Andreas HEYM
Director International Development, AREP Ville, France
Session 2B : Station design around the world

Компания

AREP представляет собой многопрофильную архитектурную, градостроительную, инженерную и консультативную фирму.

Опыт **AREP**а обосновывается работой, творчеством и талантом группы 500 профессионалов 20 разных национальностей: градостроителей, архитекторов, дизайнеров, инженеров, техников, сметчиков, экономистов ...

AREP проектирует и строит по всему миру, для государственных и местных органов власти, железнодорожных компаний, институциональных инвесторов, а также для частных клиентов..

AREP является 100% дочерней компанией французских железных дорог SNCF и частью дирекции вокзалов SNCF: "Вокзалы и связи".

AREP находится в Париже, с офисами в Пекине и Ханое and Moscow.

Денежный оборот **AREP**а в 2012 году составил около 55 М €..

AREP имеет сертификат ISO 9001.

AREP is a multidisciplinary architectural, urban development, engineering and consulting firm.

AREP's expertise is based on the work, creativity and talents of a group of 500 professionals of 20 different nationalities : Urban planners, architects, designers, engineers, technicians, quantity surveyors, economists...

AREP designs and builds worldwide, for state and local public authorities, railway companies, institutional investors as well as for private clients.

AREP is a 100% subsidiary of French Railways SNCF and part of the SNCF Station Directorate Gares & Connexions.

AREP is based in Paris, with offices in Beijing, Hanoi and Moscow.

AREP's turnover in 2012 was around 55 M€.

AREP is certified ISO 9001.

The company



Компания

The company



Wuhan station, China



Avignon TGV station, France



Valence TGV station, France



Shanghai South station, China



Strasbourg station, France



Torino Porta Susa station, Italy



Aix-en-Provence TGV station, France



Gwang Myeong station, Seoul



Marseille St Charles station, France



Aix-en-Provence TGV station, France



Lieusaint station, France

Компания

The company



XiZhiMen station and CBD, Beijing, China



Ramses II station square and urban development, Cairo, Egypt



Vung Tau urban development, Vietnam



Financial Tower, Ho-Chi-Minh City, Vietnam

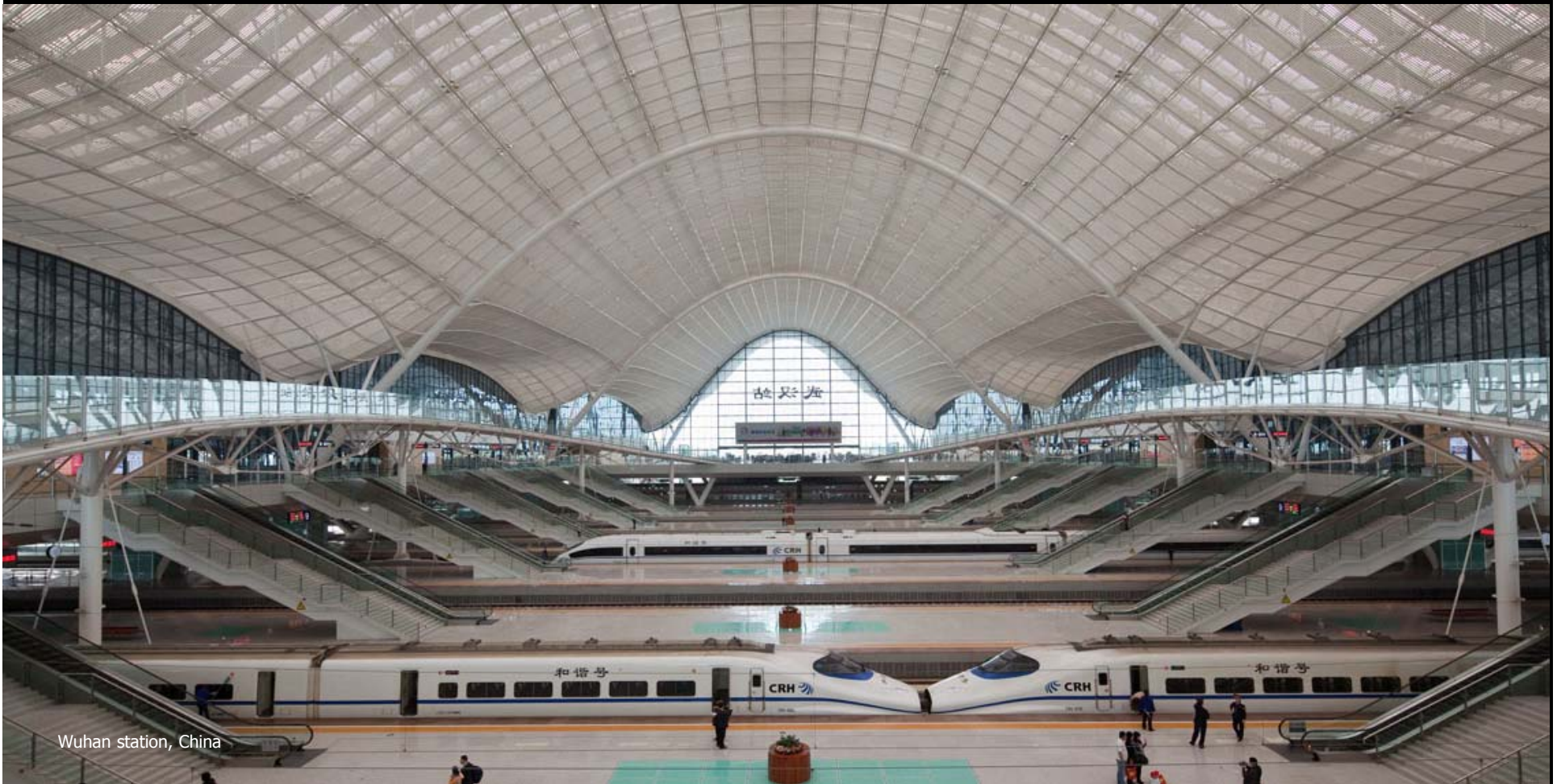
The company > Designing spaces for people on the move



AREP has developed projects and consultancy in Europe, North America, North Africa, the Middle-East and Asia



Shanghai South station, China



Wuhan station, China

Компания

The company



Qing Dao HSR station, China (under construction)



Компания

The company



Компания

The company



Skolkovo Innovation Center master plan, Russia

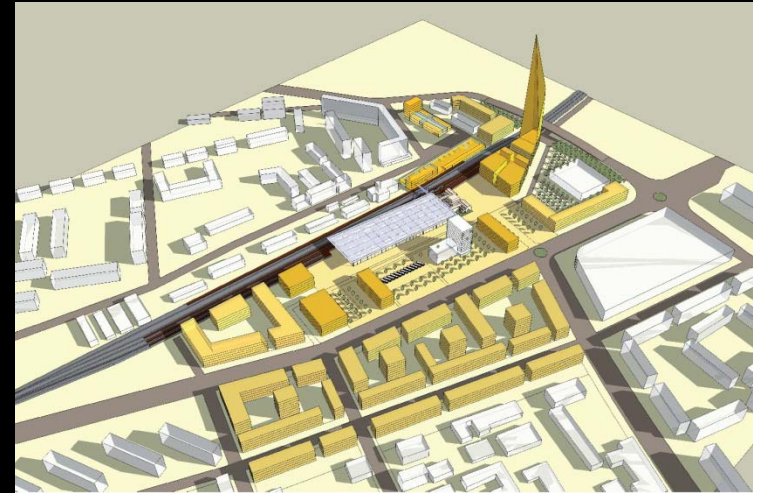


Компания

The company



Volgograd station, Russia



Astrakhan station development, Russia



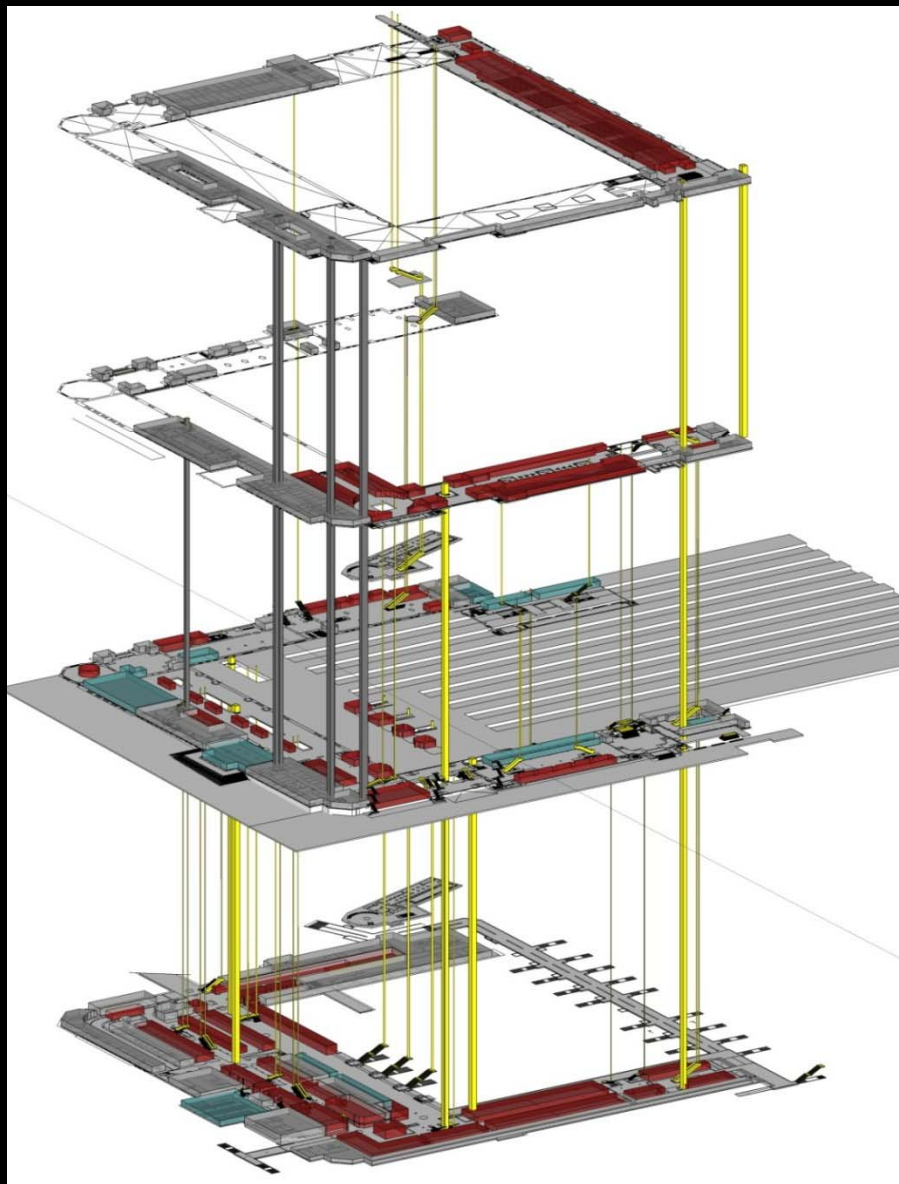
Rizhsky station development, Moscow, Russia



Krasnodar station commercial development, Russia

Компания

The company

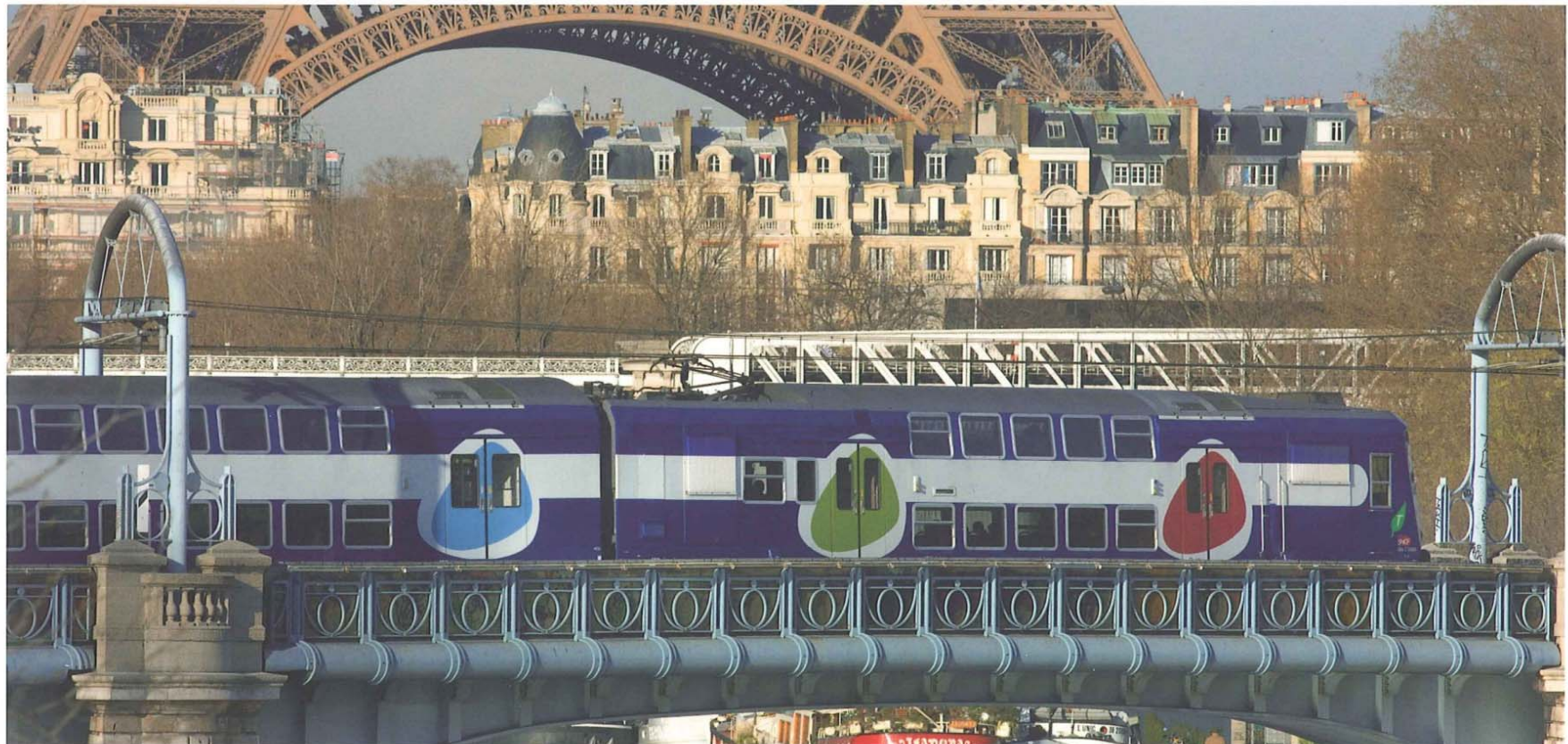


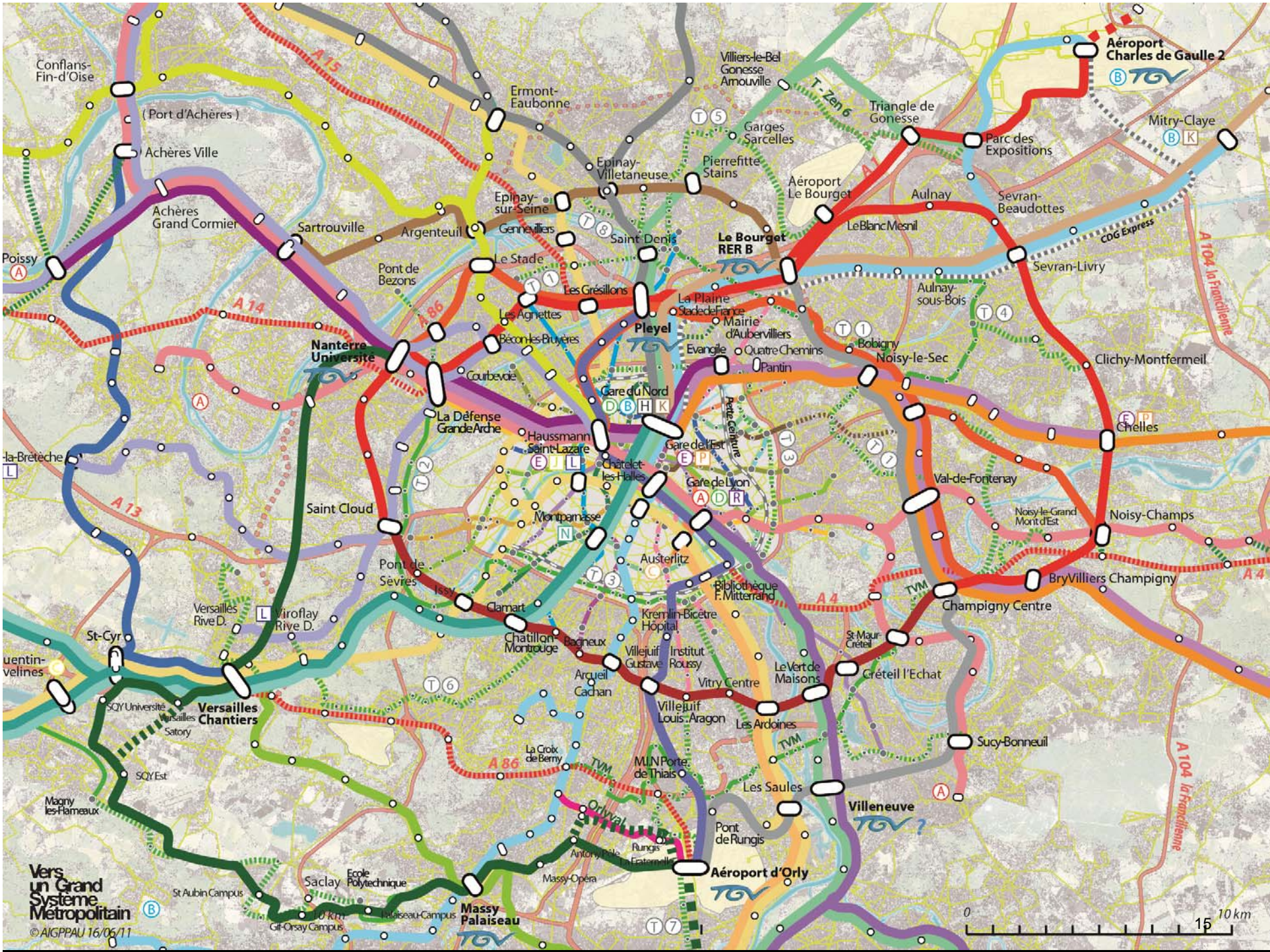
Moscow Kazansky station commercial development, Russia



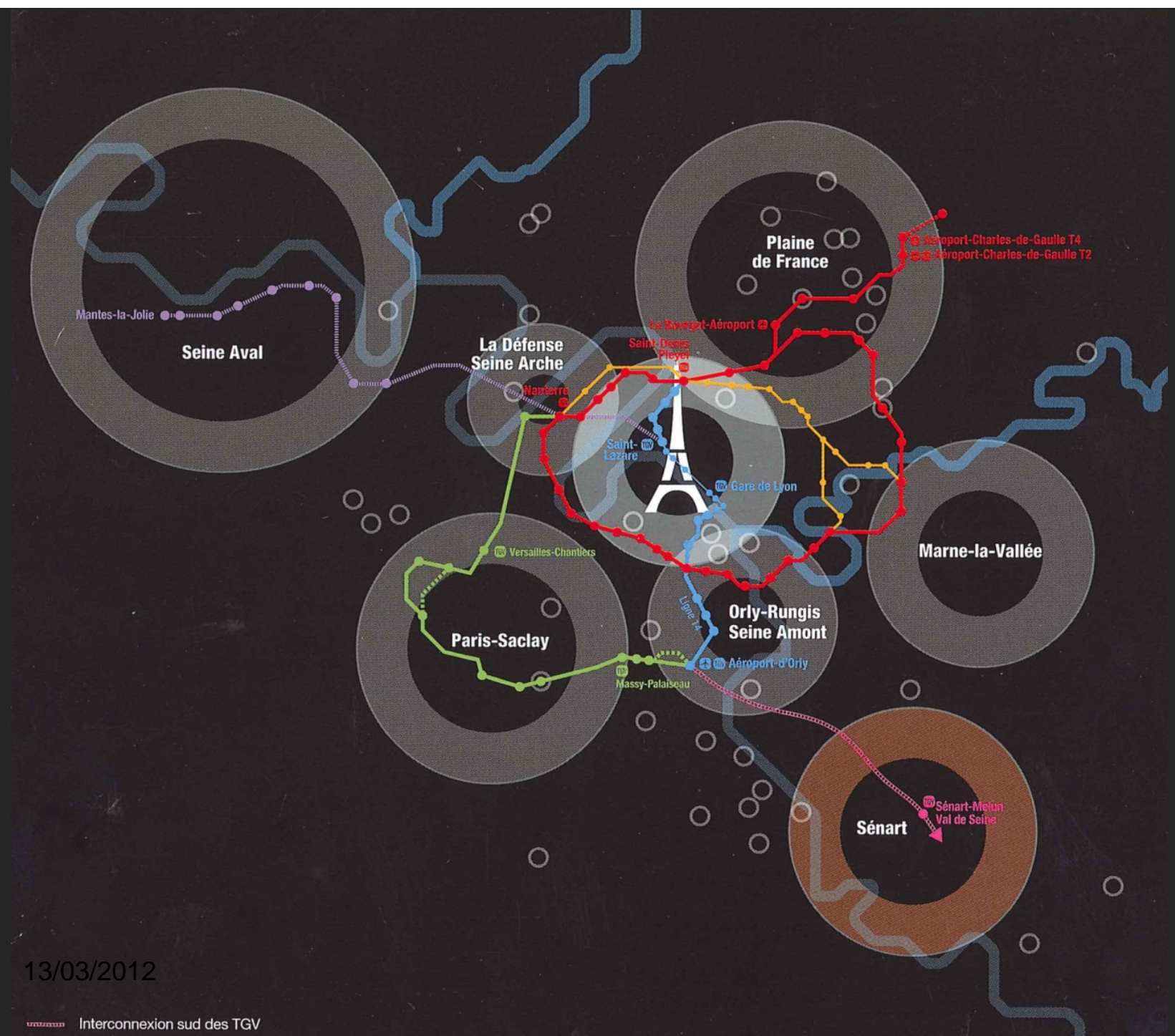


GREATER PARIS BY TRAIN



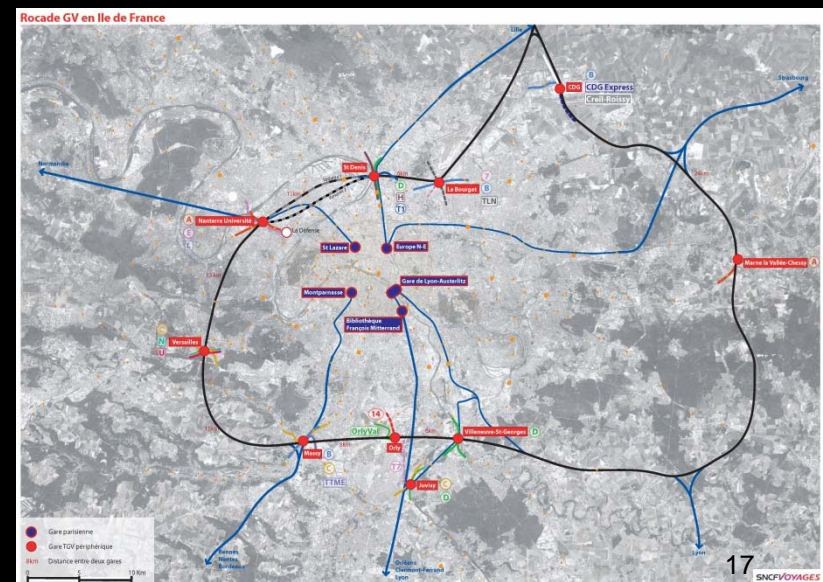


Vers un Grand Système Métropolitain
© AIGPPAU 16/06/11

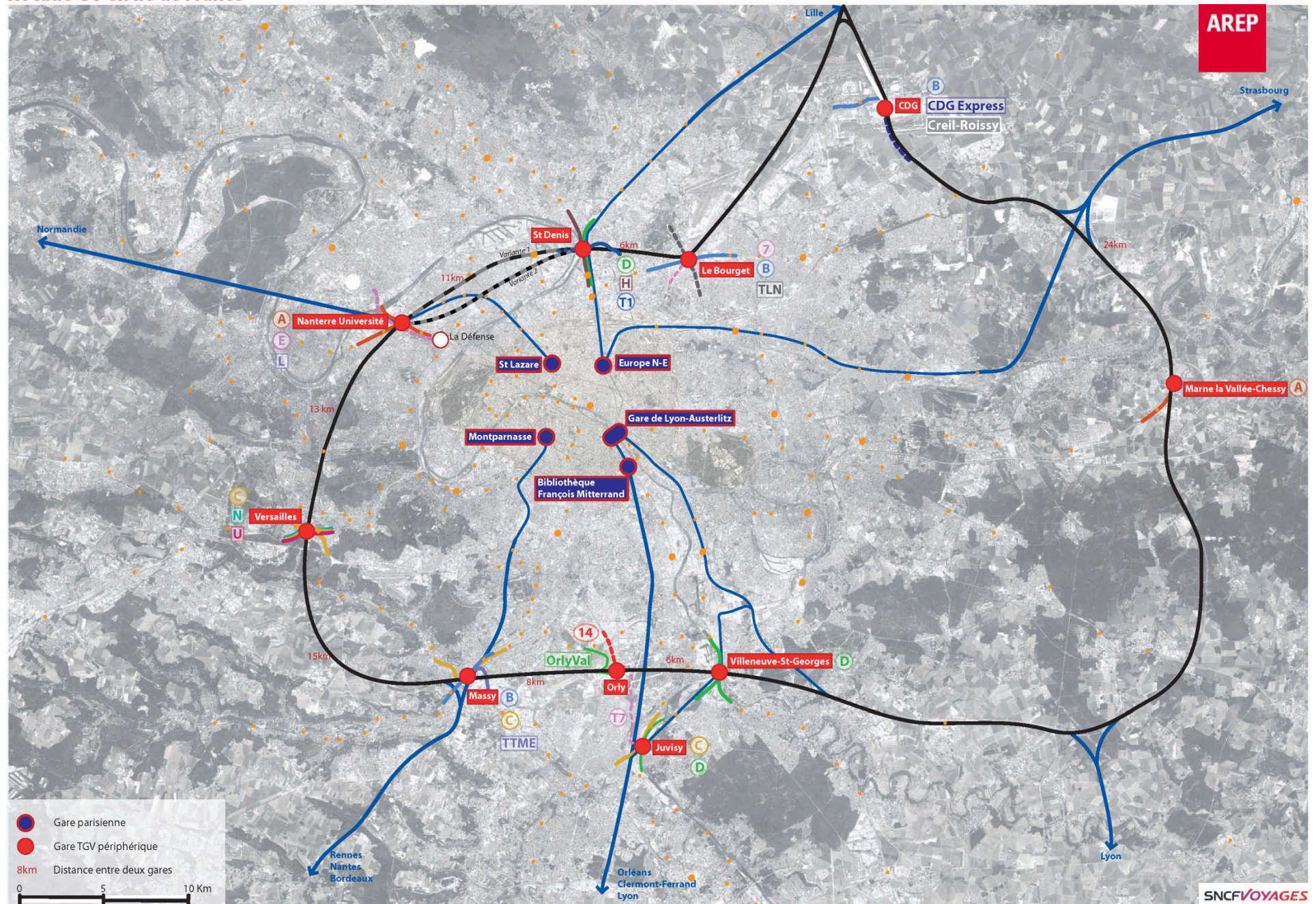


13/03/2012

Coherence with the national rail and HSR networks



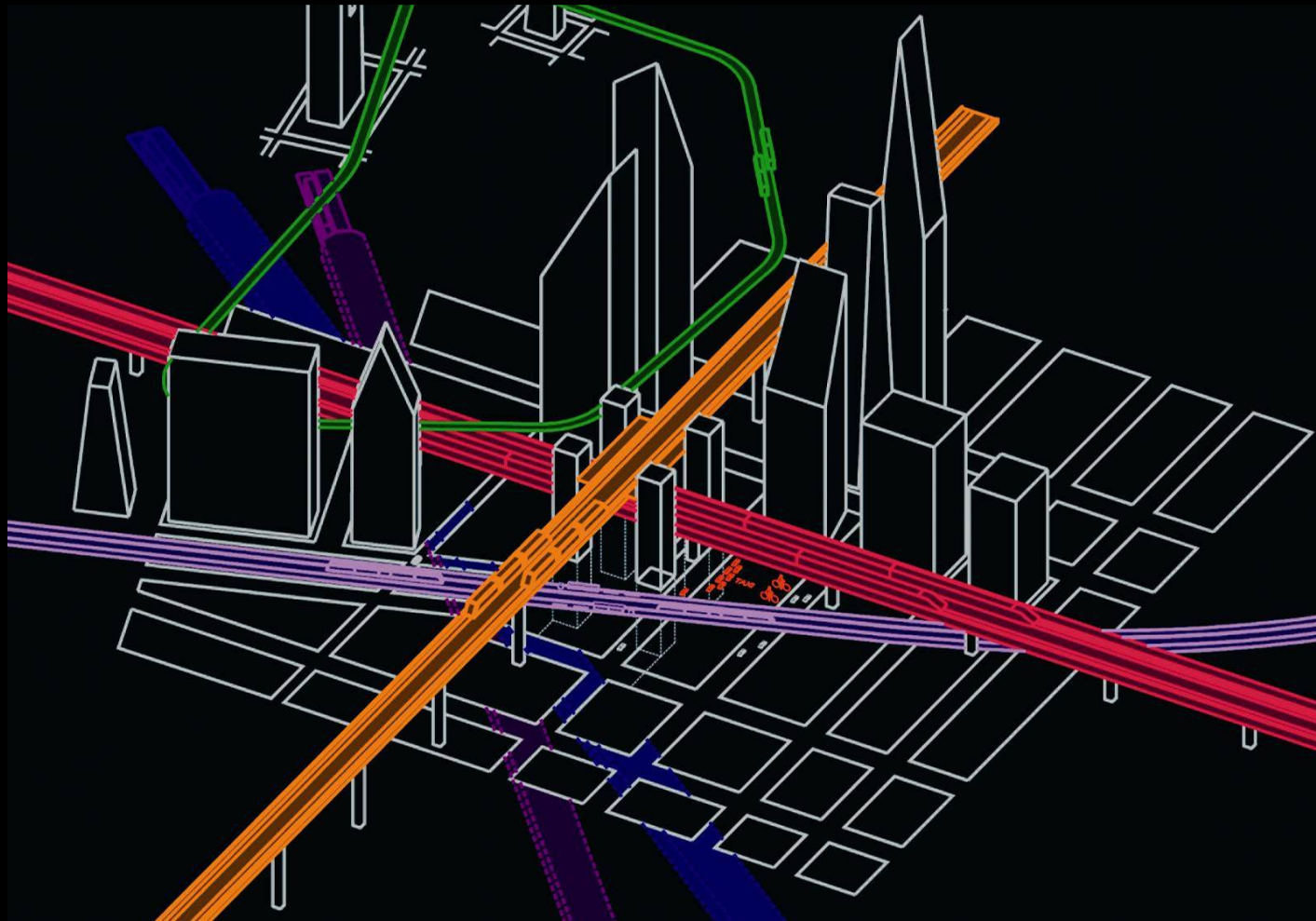
Rocade GV en Ile de France



AREP

SNCF VOYAGES

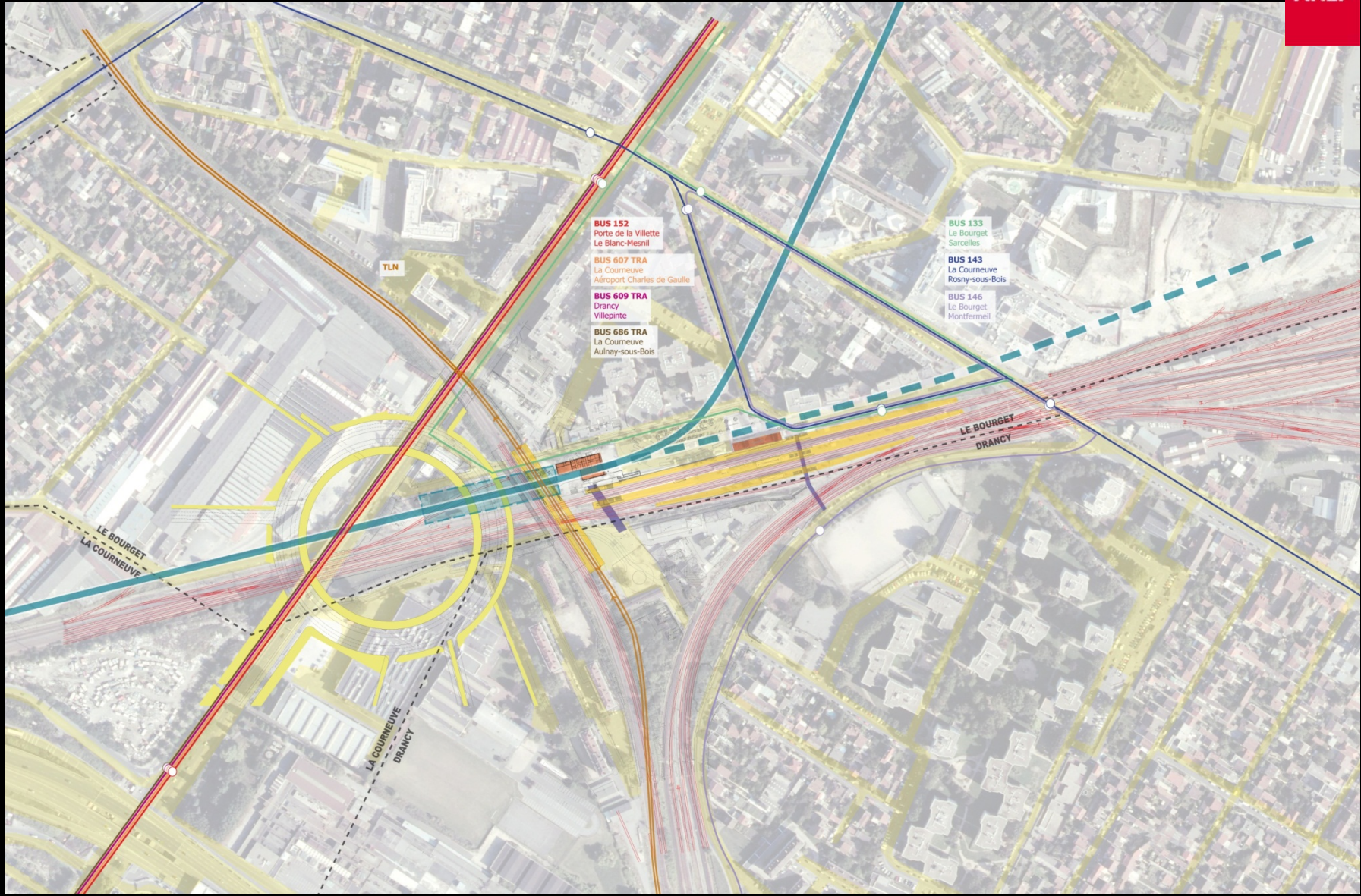
Intermodality



AREP



Le Bourget

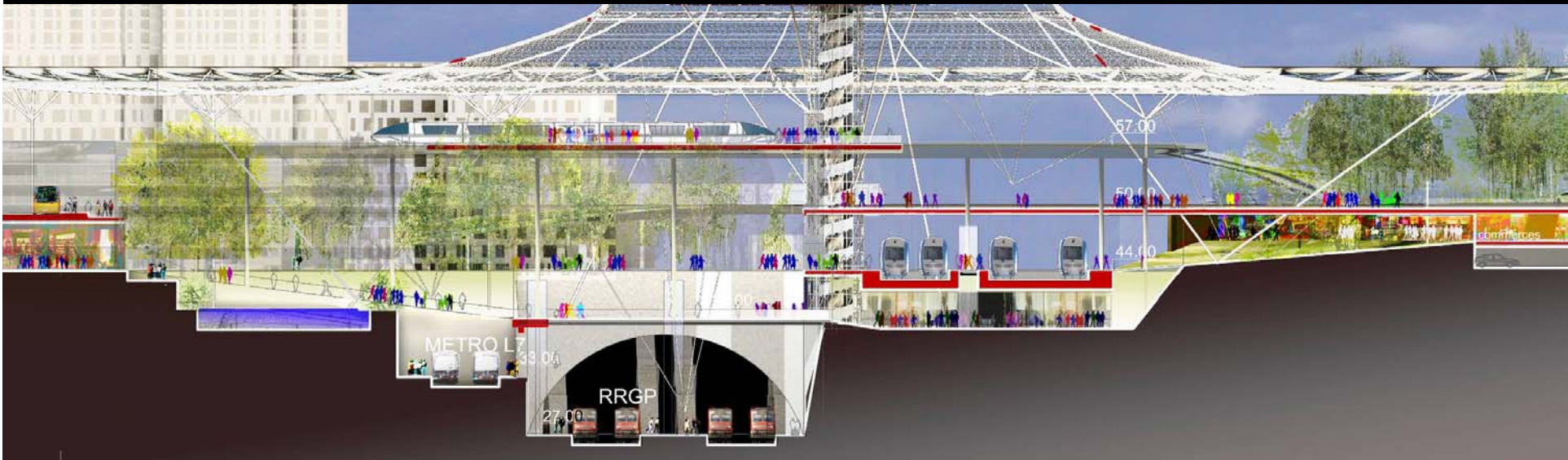
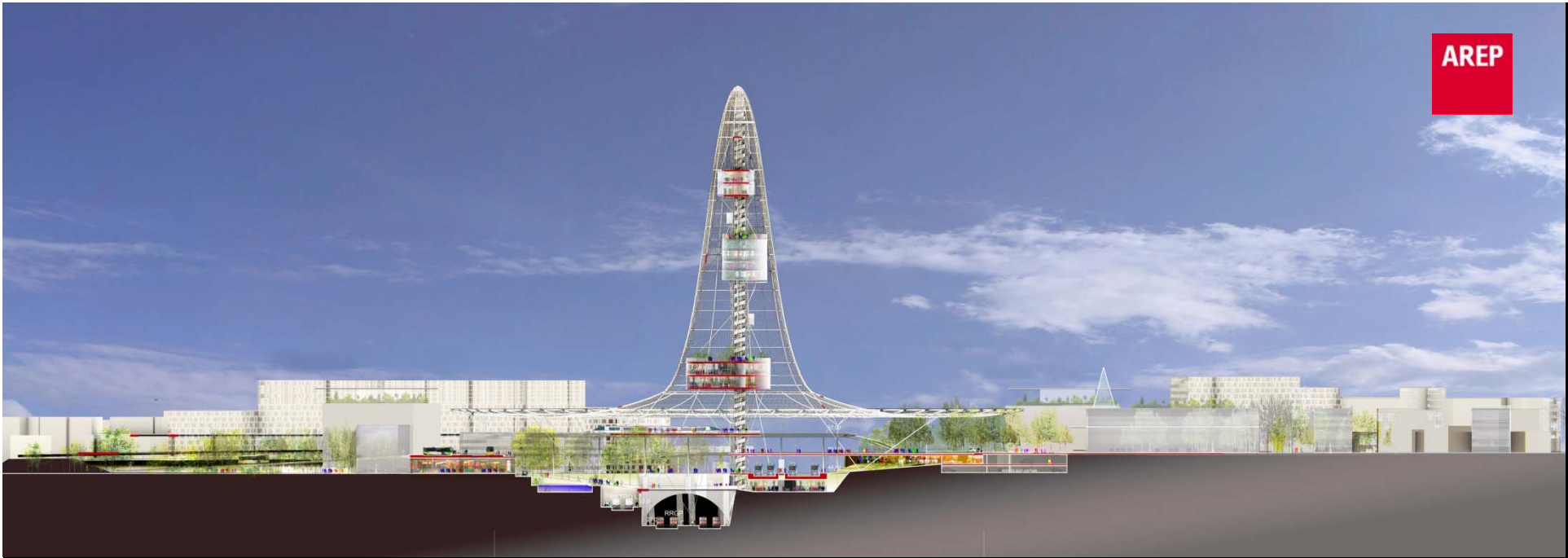




Greater Paris Transport Development Scheme – Le Bourget Metropolitan hub and site development, France



Greater Paris Transport Development Scheme – Le Bourget Metropolitan hub and site development, France



Greater Paris Transport Development Scheme – Le Bourget Metropolitan hub and site development, France



TRANSPORT LOCAL

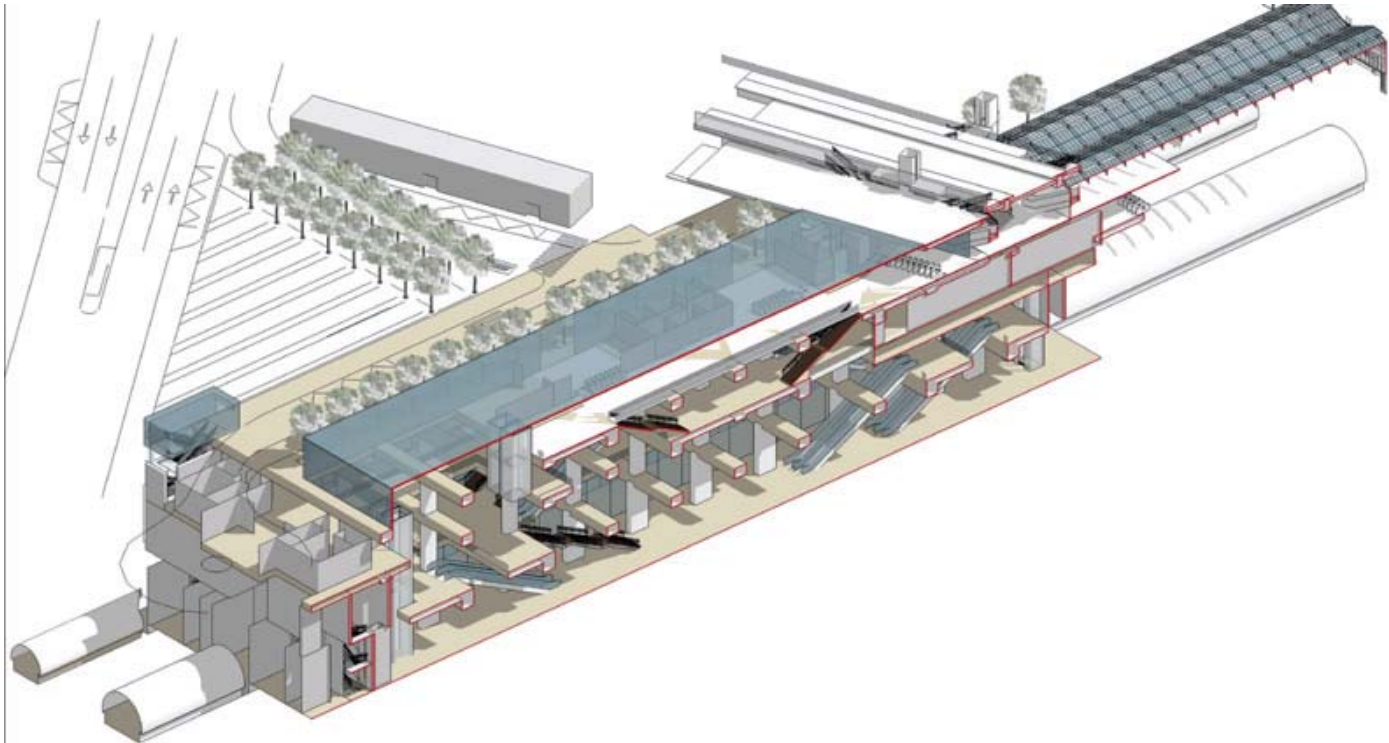
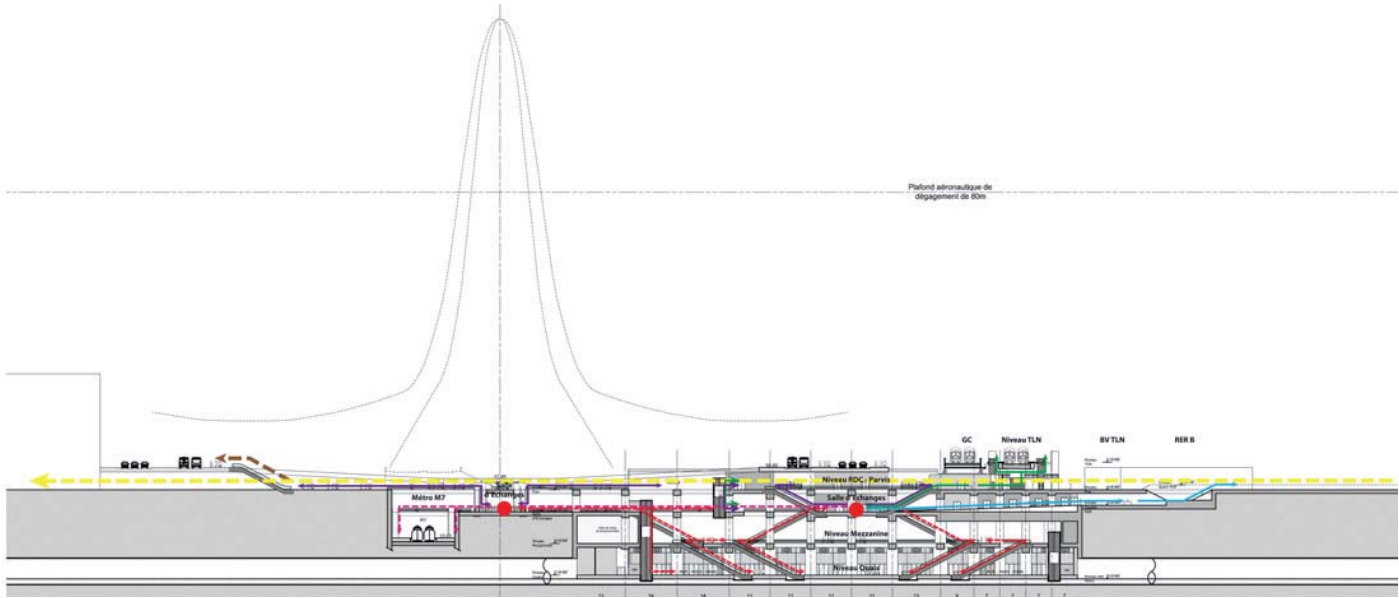
BUS

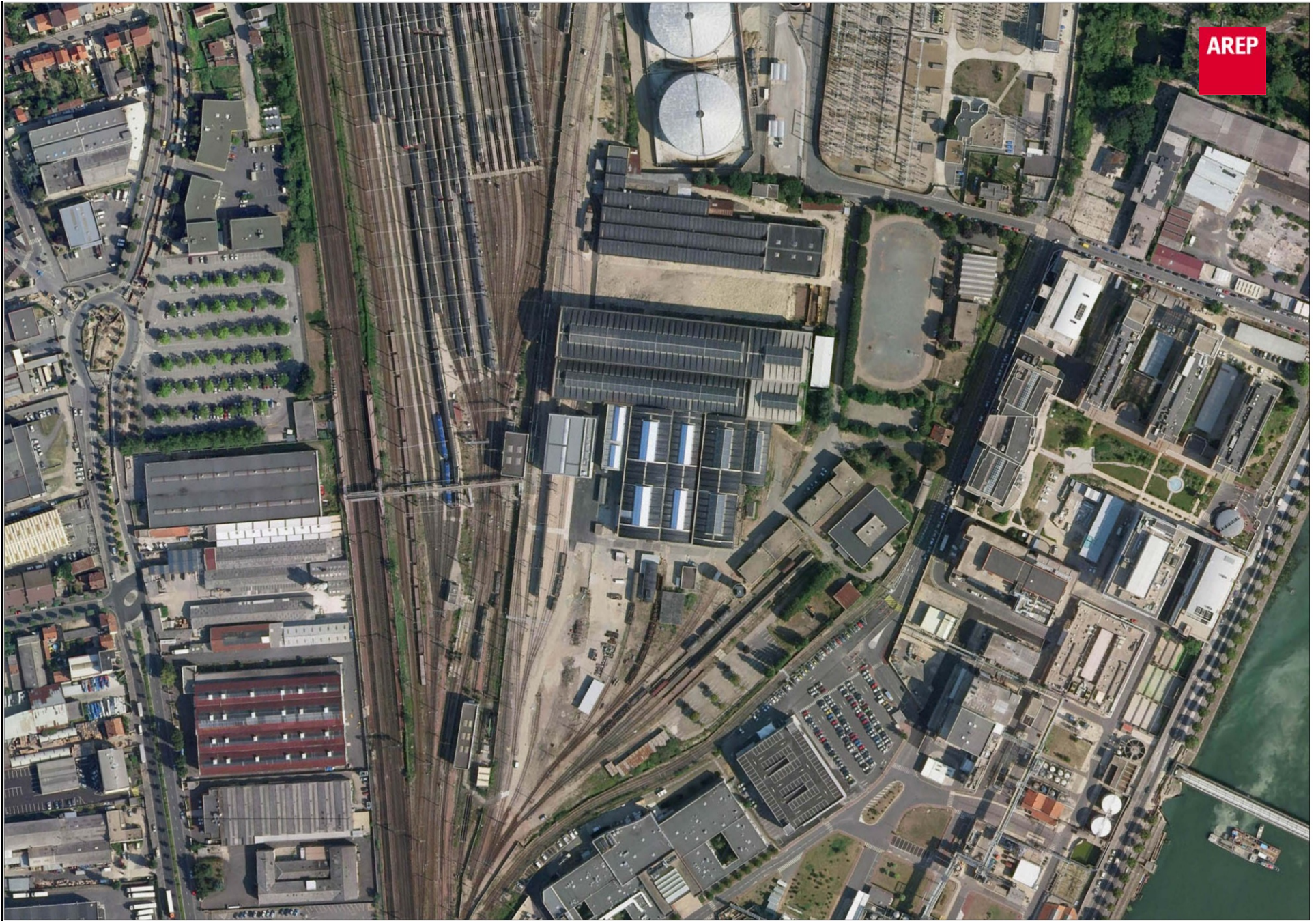
TANGENTIELLE

RER B+

METRO LIGNE 7

METRO RAPIDE DU GRAND PARIS

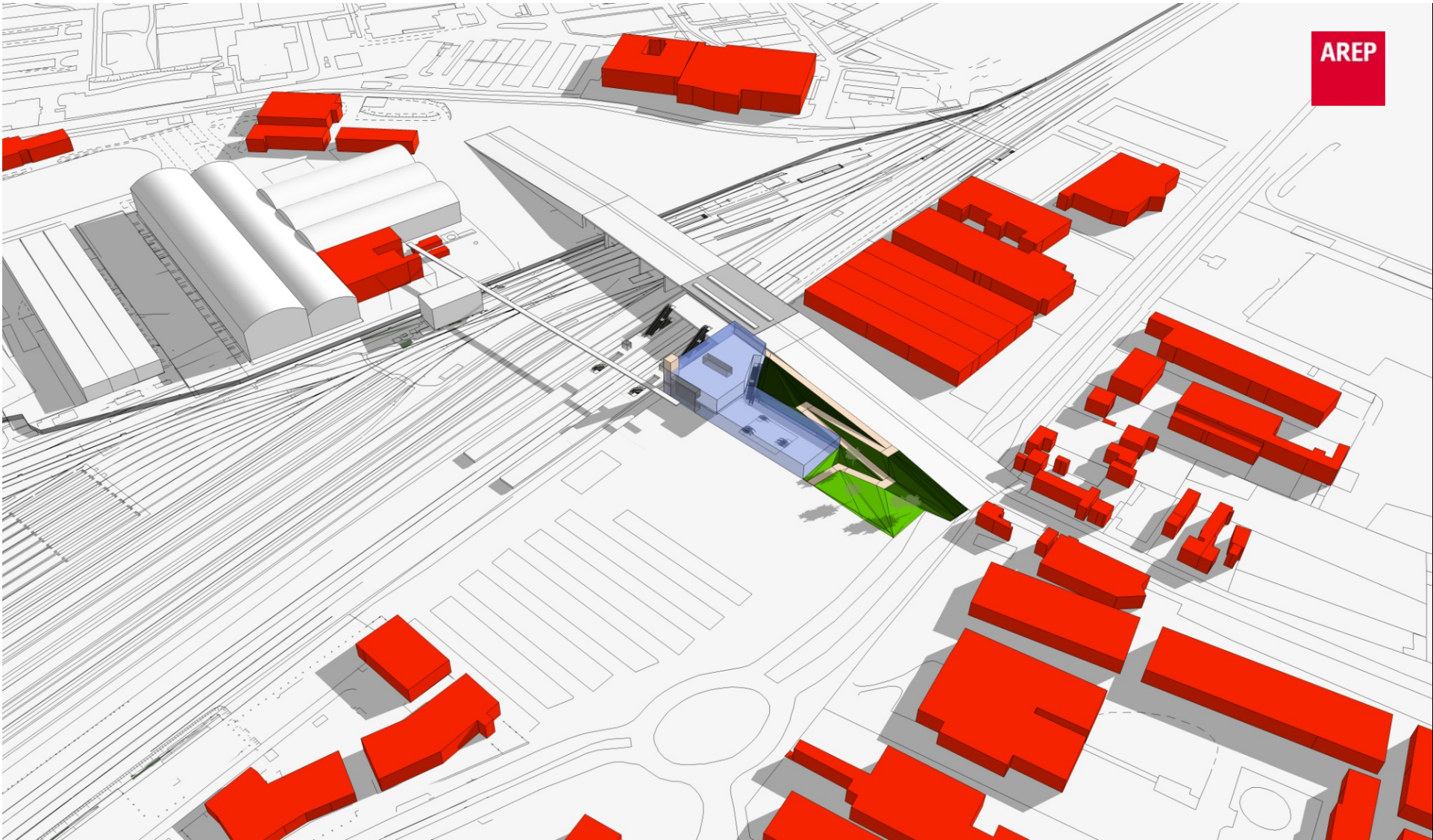


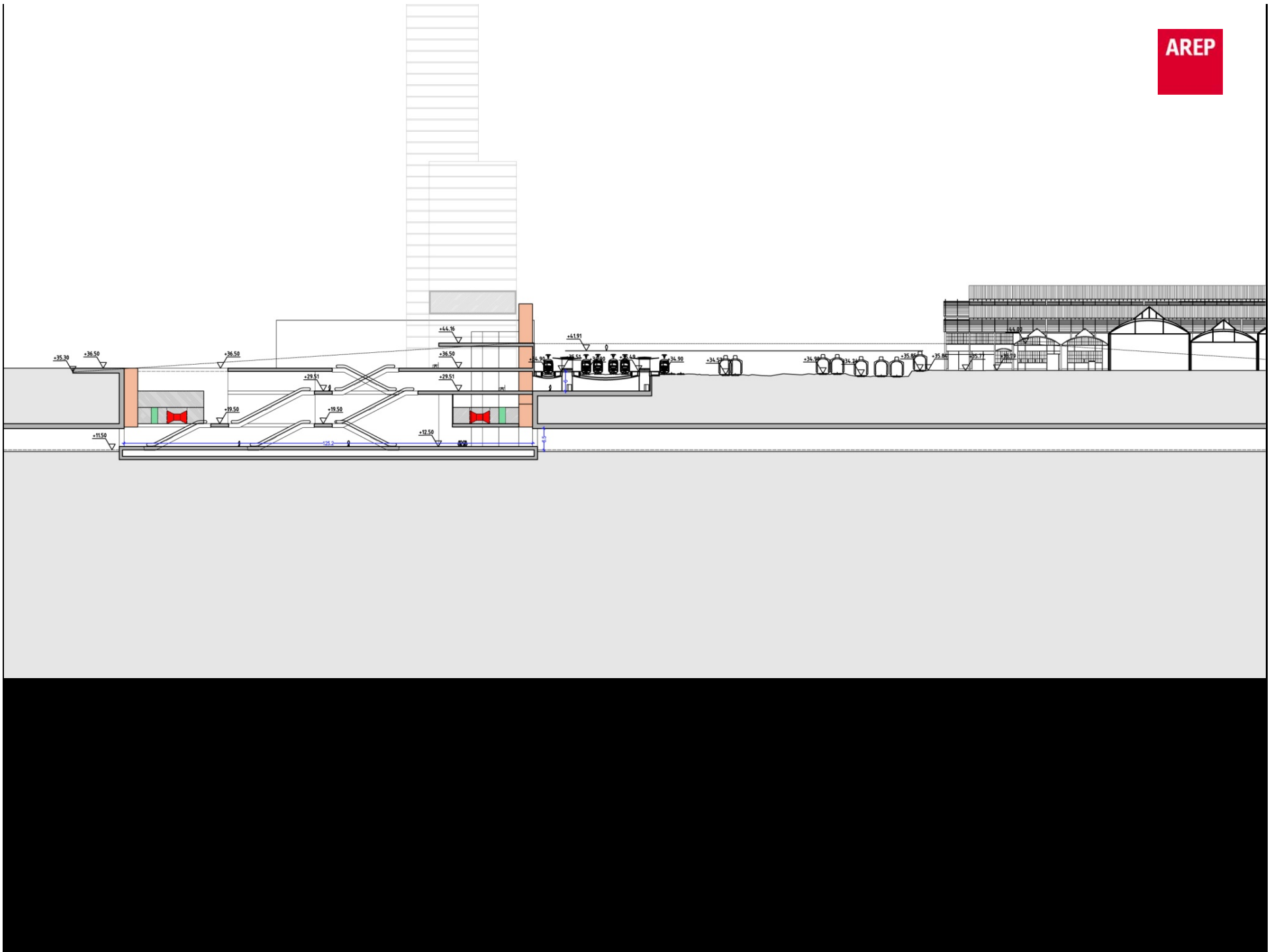


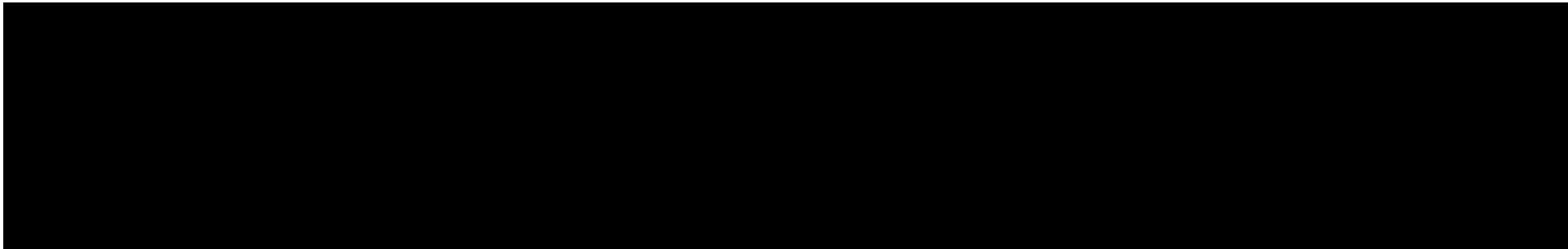
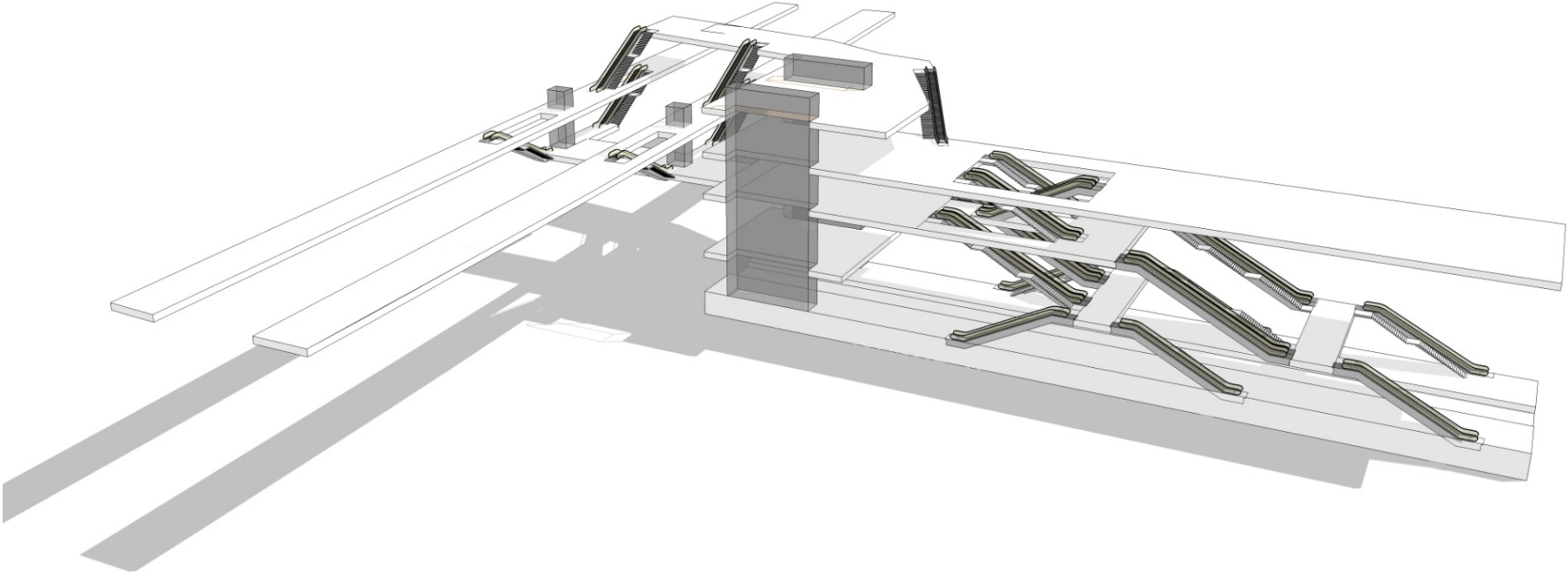
AREP

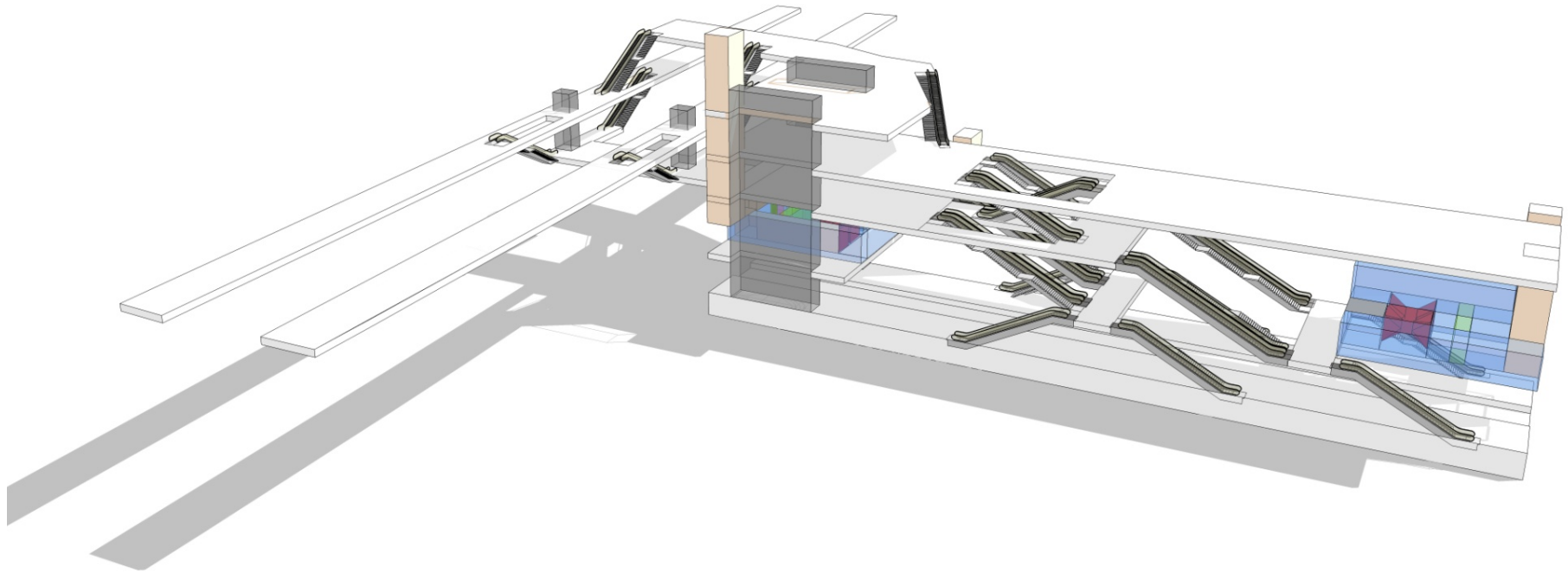
Paris St Denis Stade de France RER B station, Paris region, France

AREP













Paris St Denis Stade de France RER B station, Paris region, France

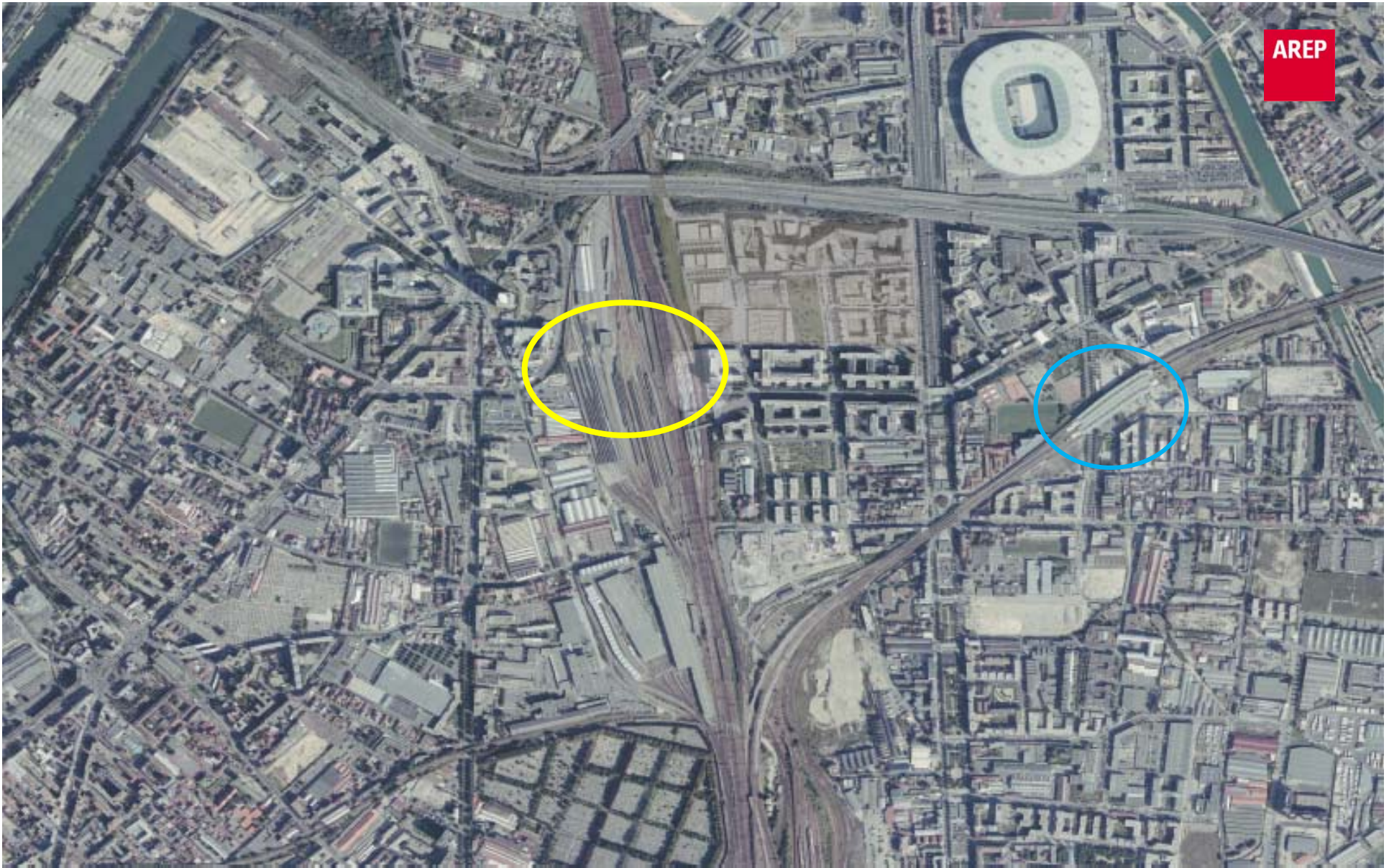


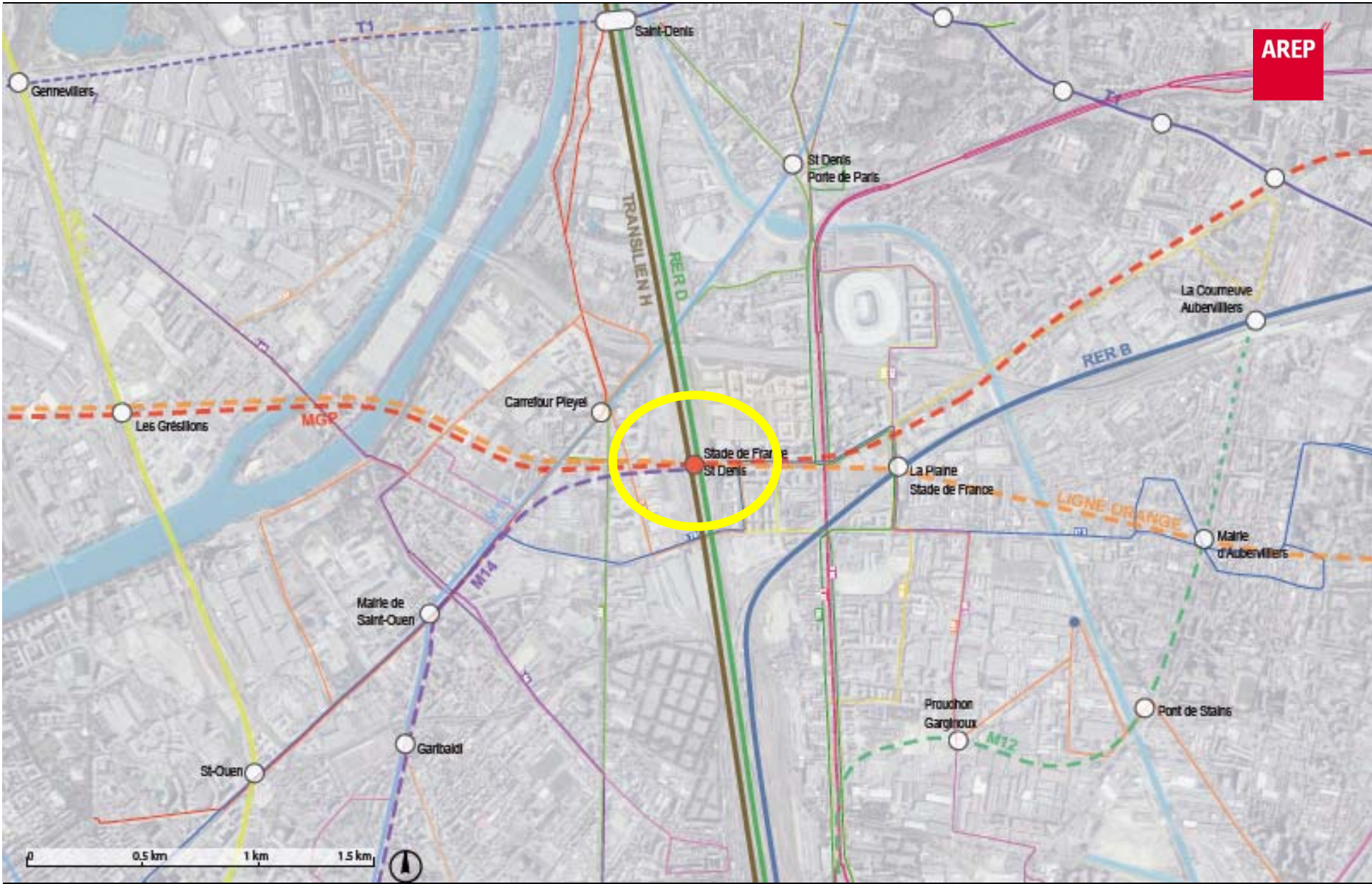
Paris St Denis Stade de France RER B station, Paris region, France



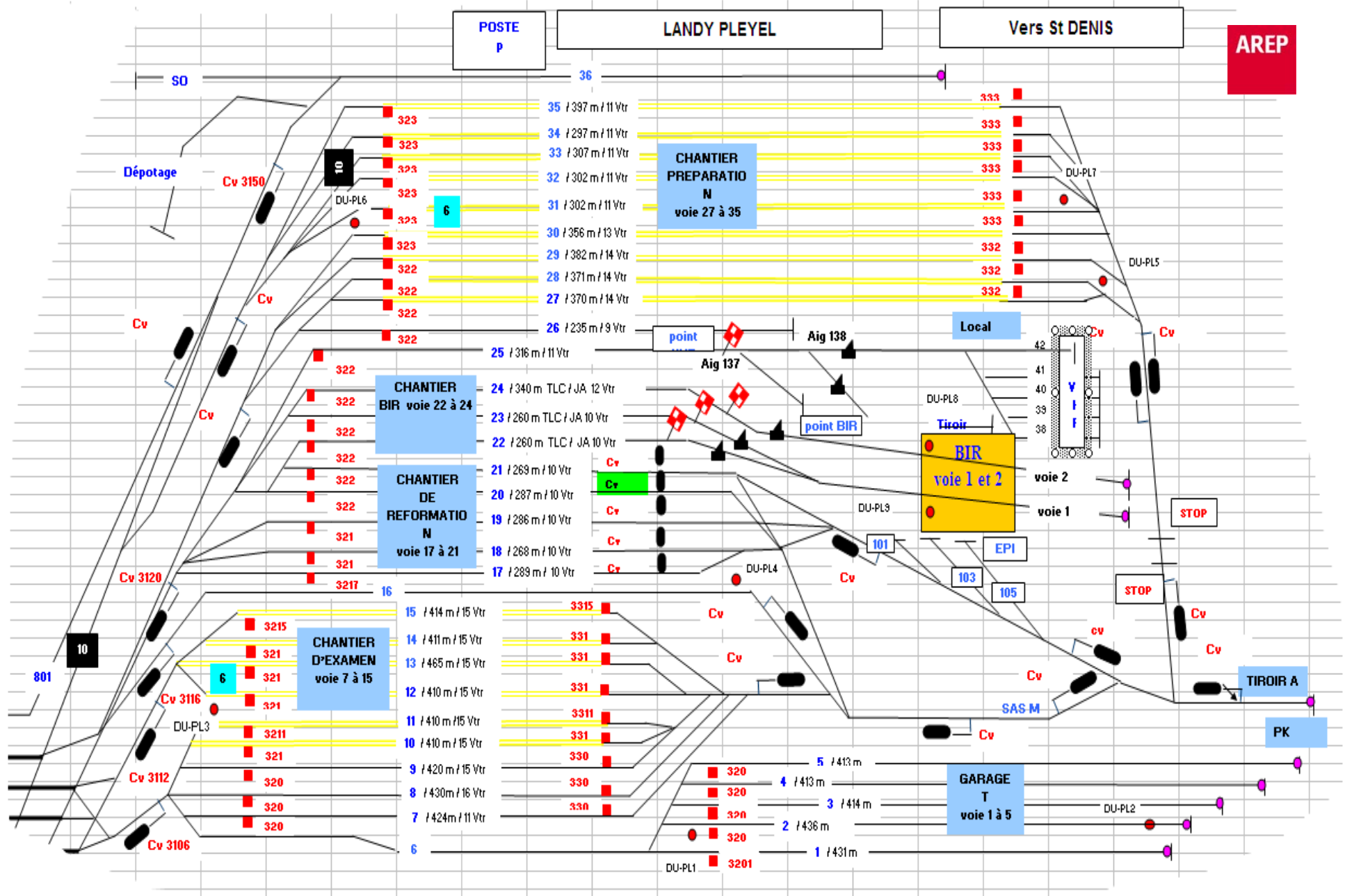


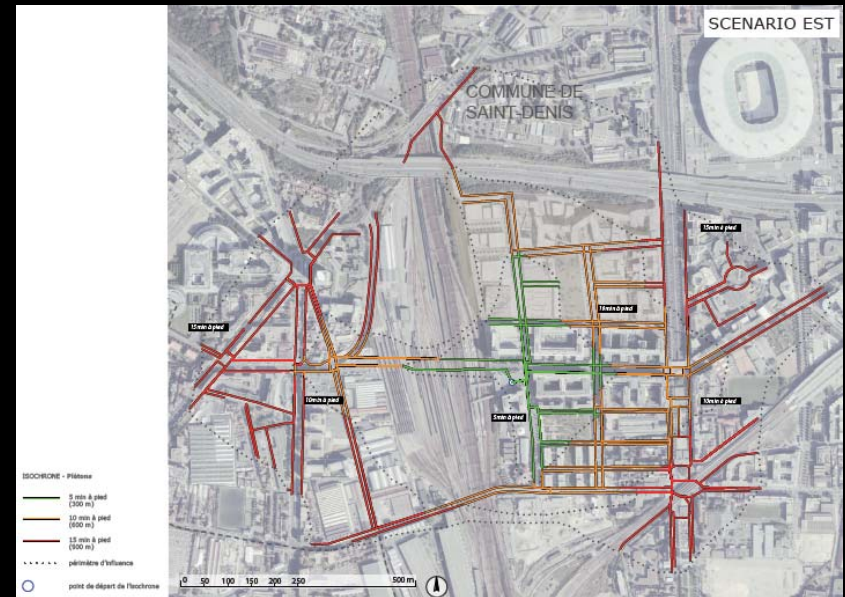
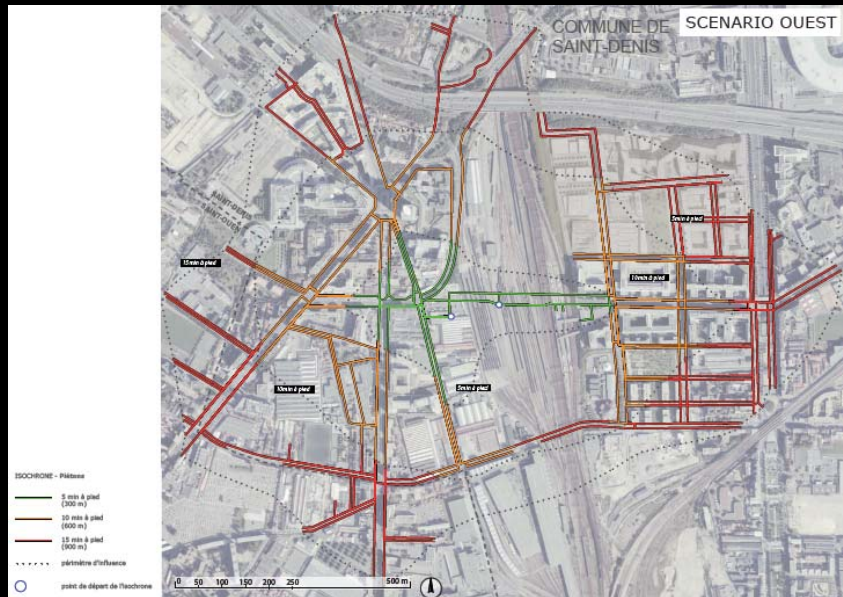
Paris St Denis Stade de France RER B station, France

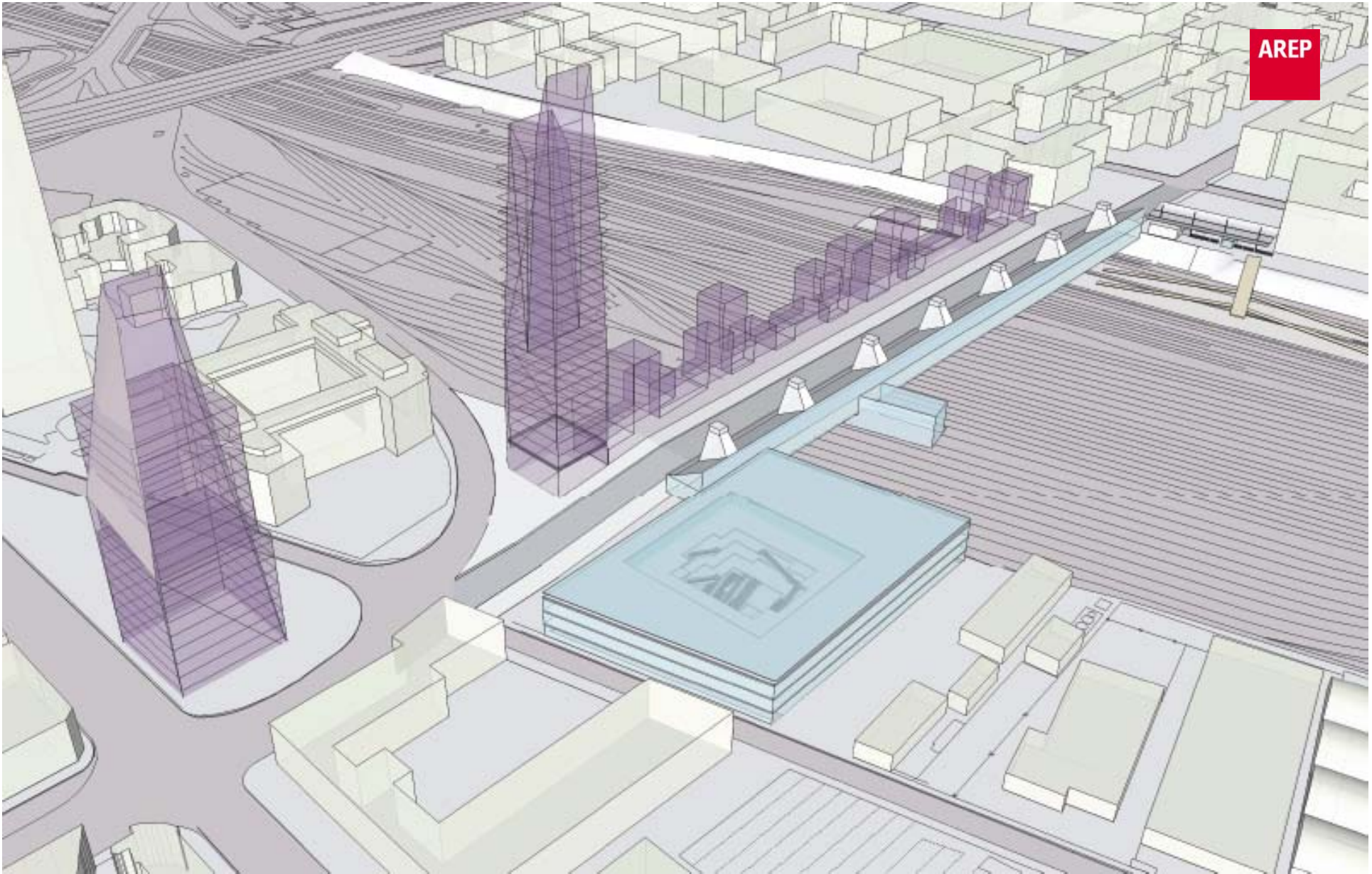


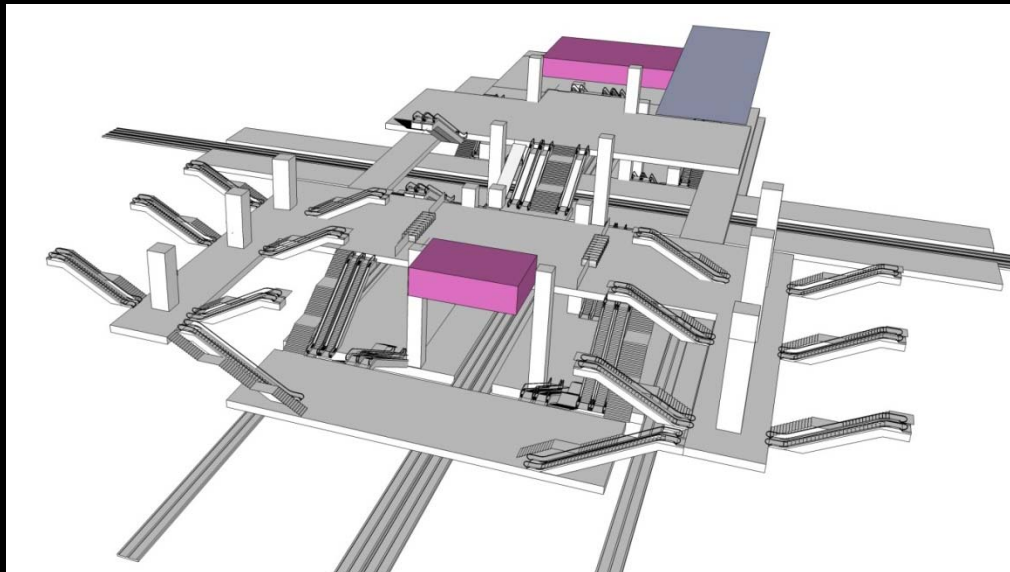
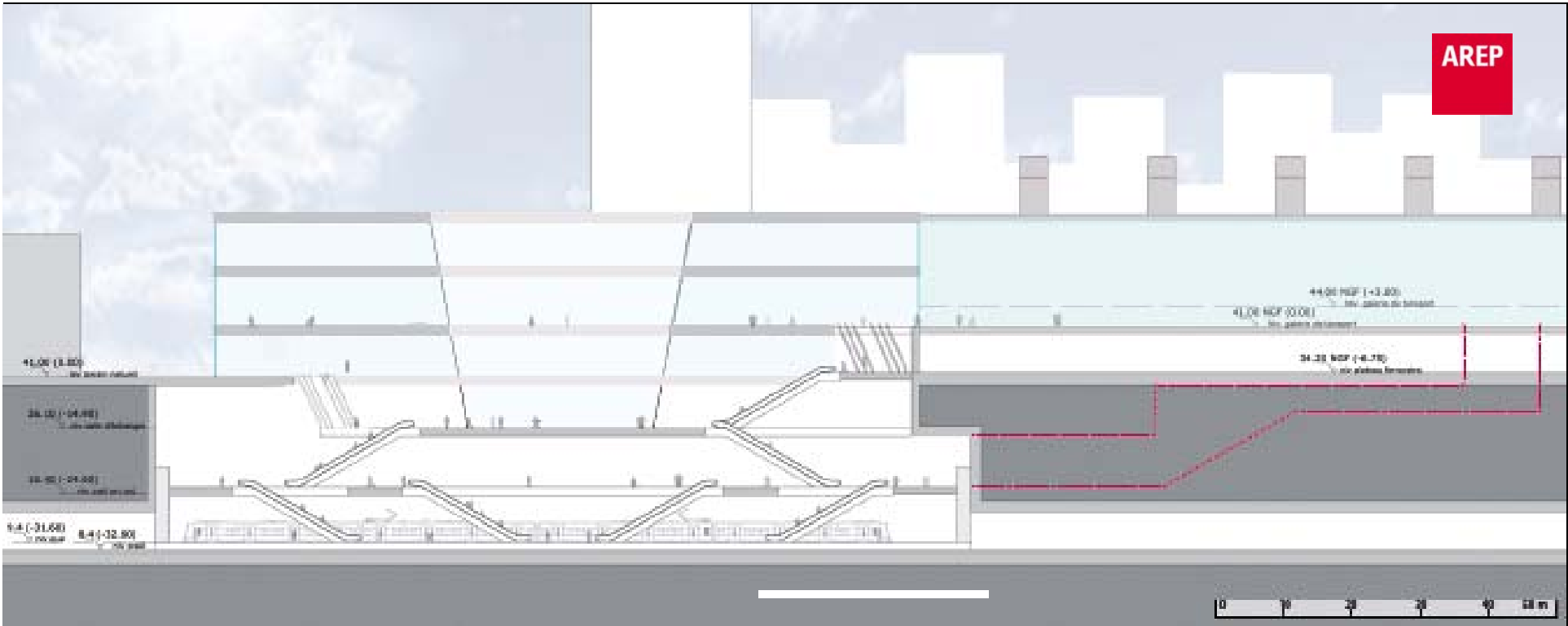




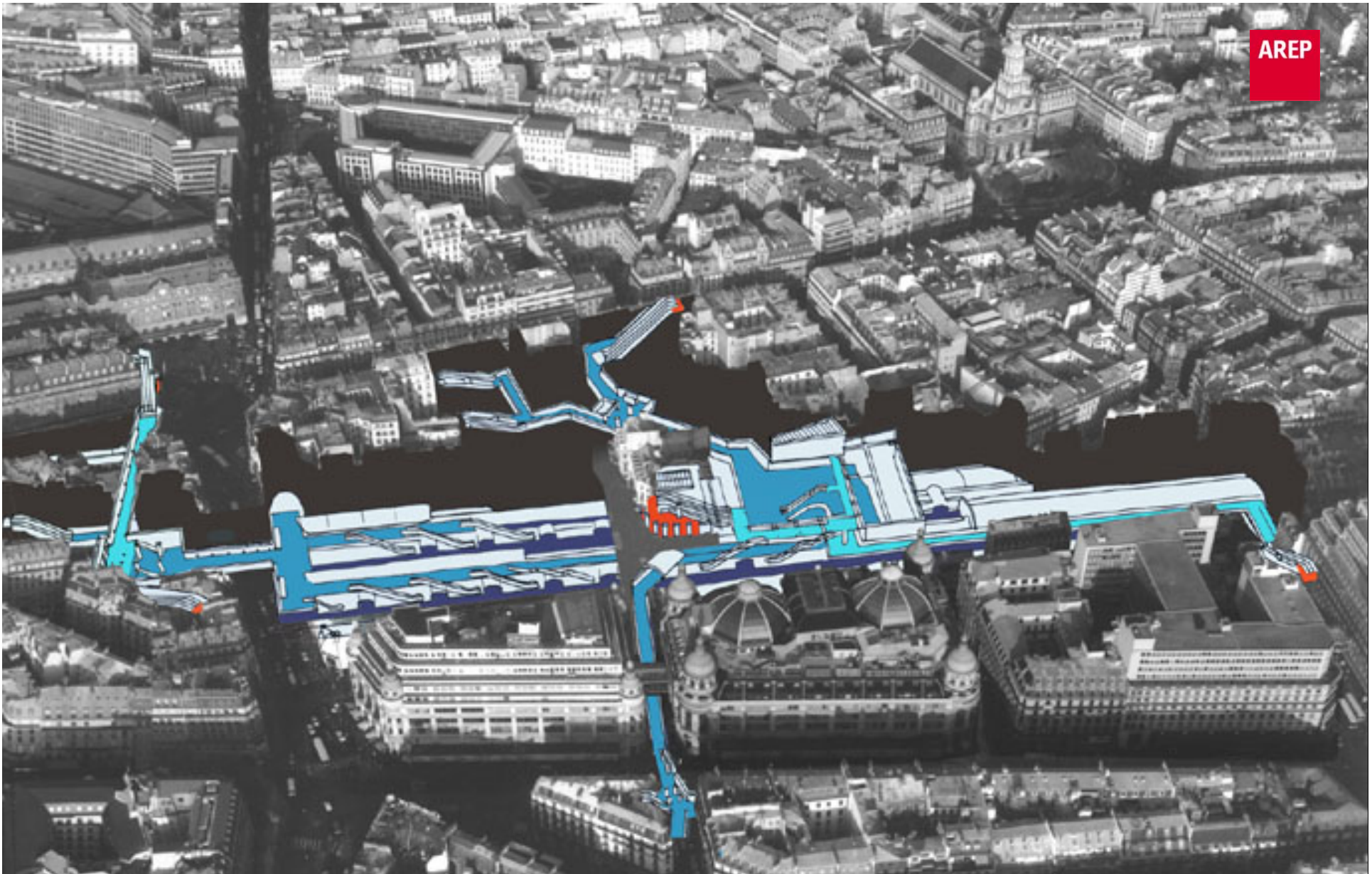


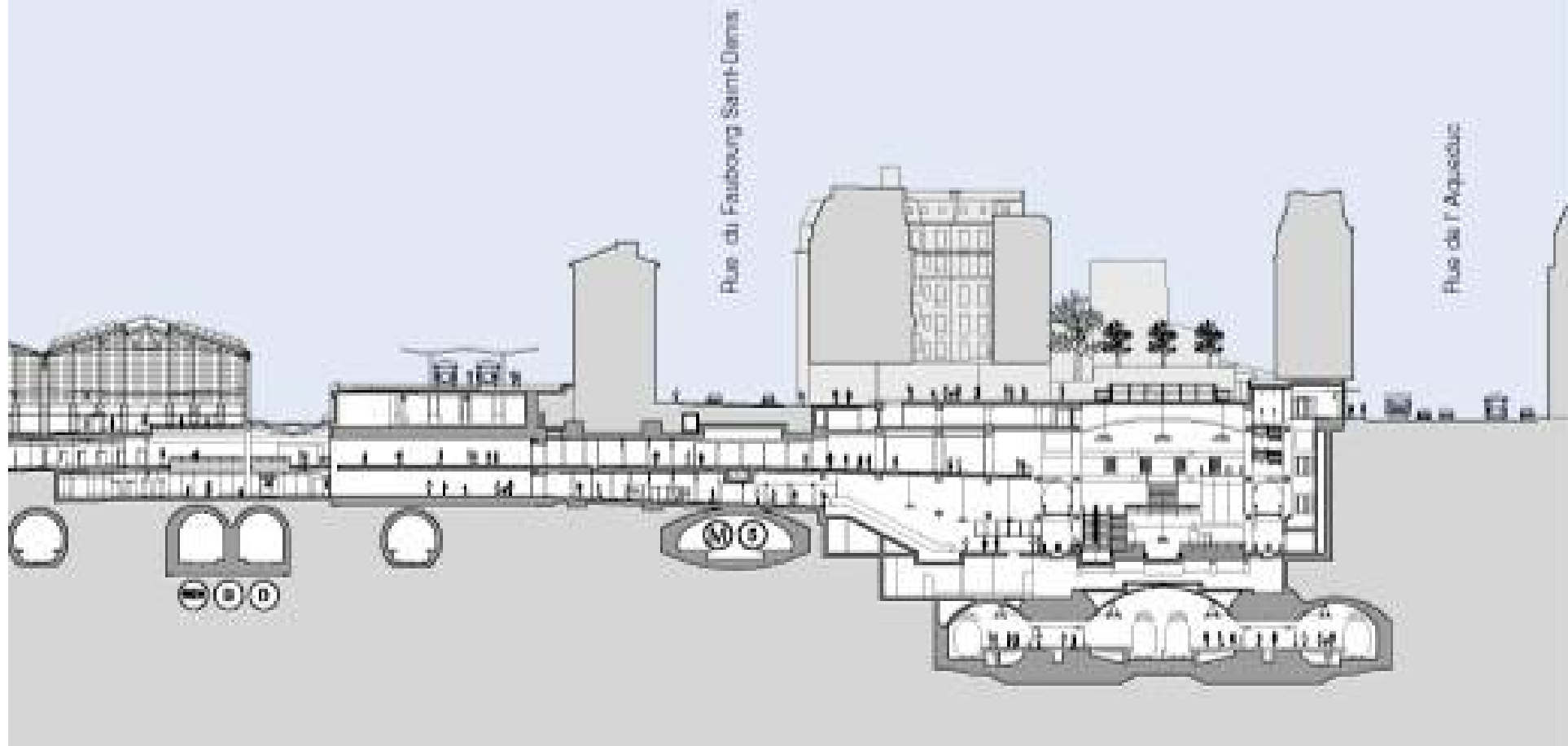










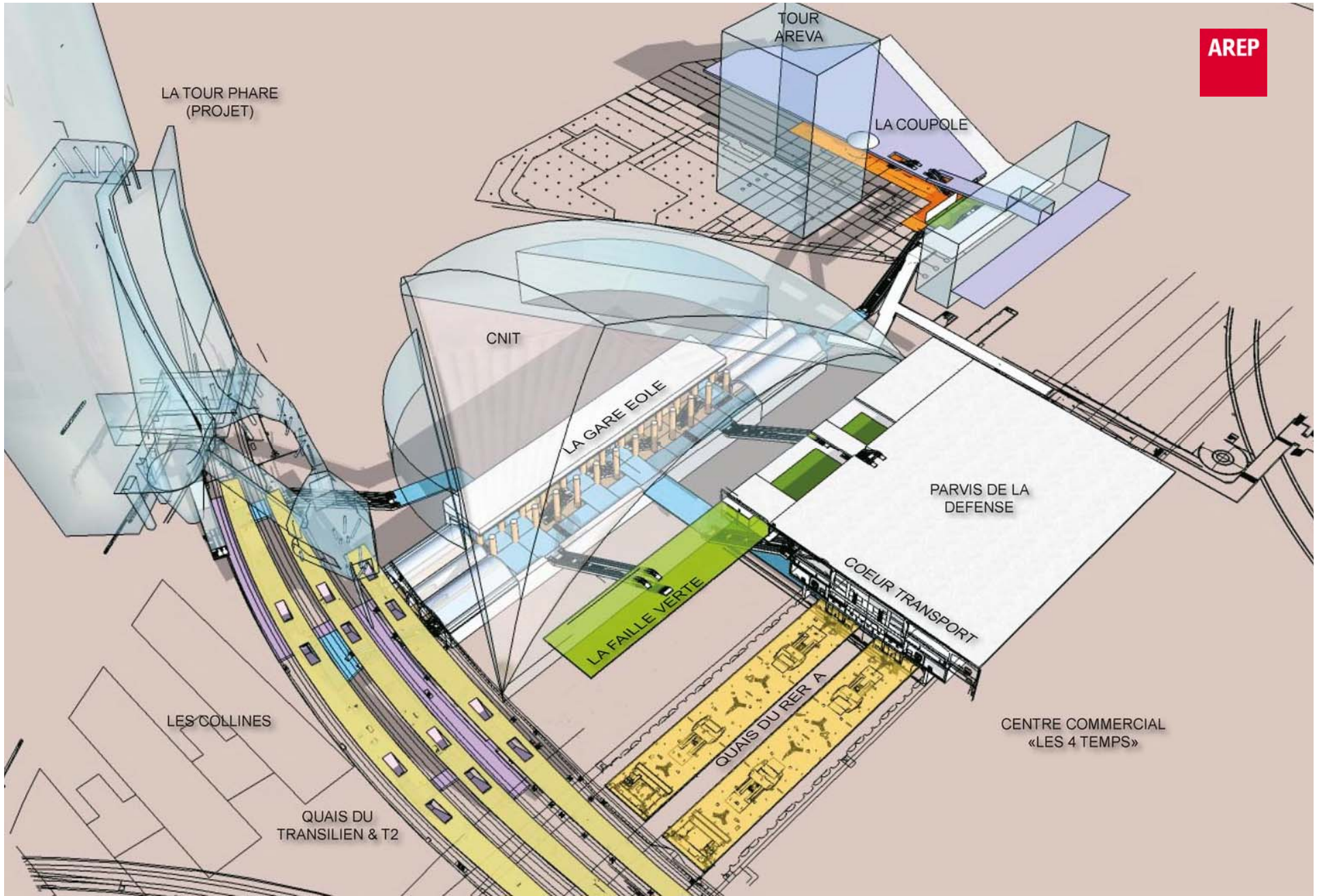












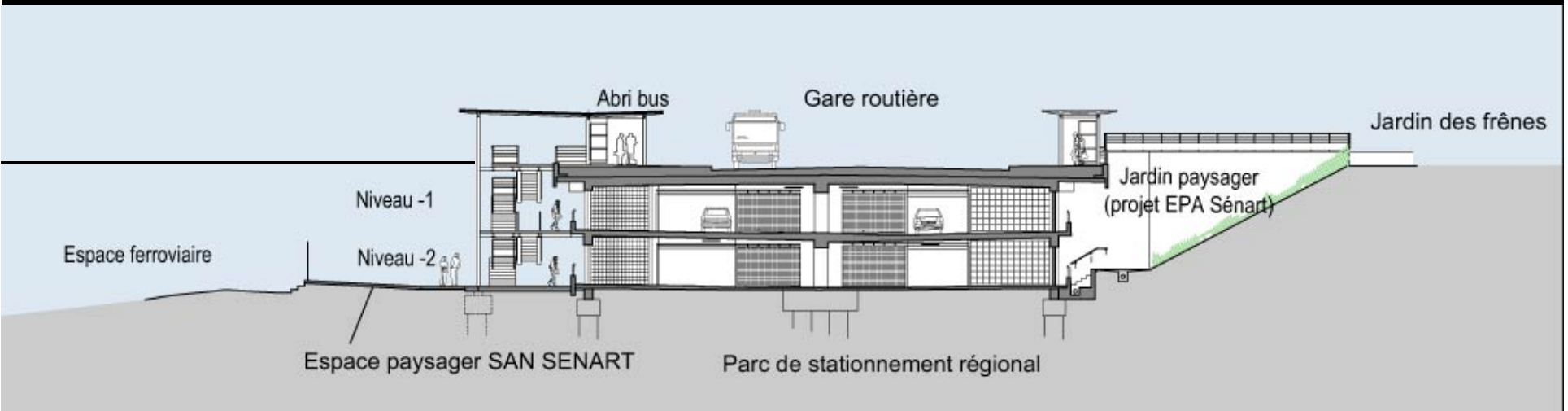




Lieusaint-Moissy station, Paris region, France

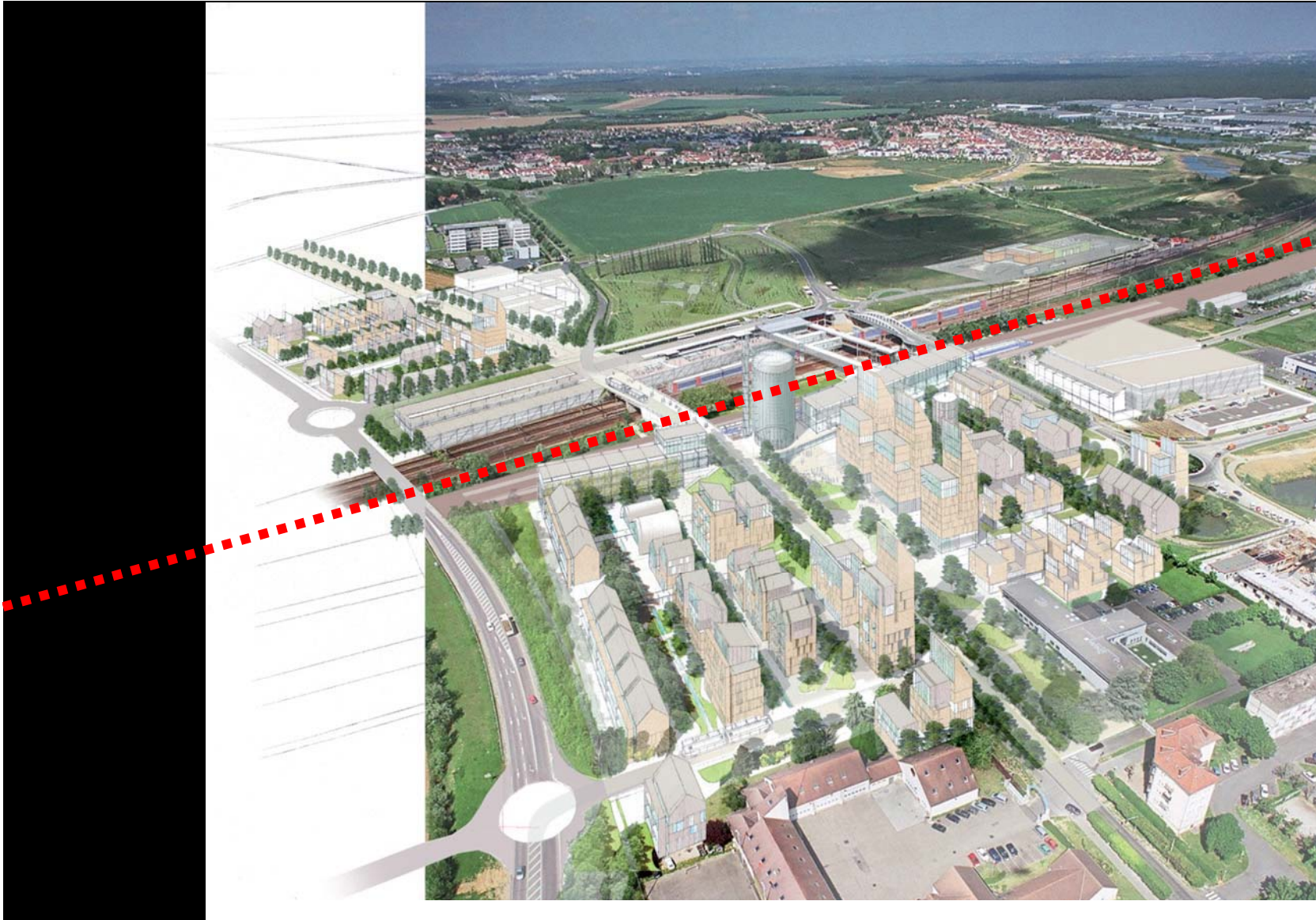


Lieusaint-Moissy station, Paris region, France





Lieusaint-Moissy station, Paris region, France



Conclusions

- Metropolitan stations are urban projects
- Stations are complex projects with many interfaces
- Rail infrastructure & stations have to be designed together
- Study methodology : iterative approach, project centred
- Necessity of public outreach & discussion
- Optimizing : intermodality, public space, commerce & services plus offices, hotels, housing, ...
- Modern metropolitan stations become the centers of their districts, new centres of urban & civic life !



...Thank you

for your kind attention

16, Авеню Д'Иври
75647 Париж Седекс 13 - Франция
тел + 33 1 57 27 19 13
факс + 33 1 57 27 19 01
сот + 33 6 09 18 34 23

AREP – филиал Французских Железных Дорог SNCF