



SMART STATIONS IN SMART CITIES

6th International Conference on Railway Stations

Madrid, 19-21 OCTOBER 2017

JR New Shinagawa Station A global gateway for international exchange.

Atsushi, SAKAI
Deputy Director of Paris Office, JR-East, JAPAN
#7 Smart Design

UNDER THE HIGH PATRONAGE OF



ORGANISERS



JR New Shinagawa Station in Tokyo

A global gateway
for international exchange

Atsushi SAKAI
East Japan Railway Company, Paris Office

Oct 19th
Next Station 2017
Madrid

Key Subjects

- Architectural Design
- Transit Oriented Development (TOD)
- Acquisition of Project Site

Key Subject #1

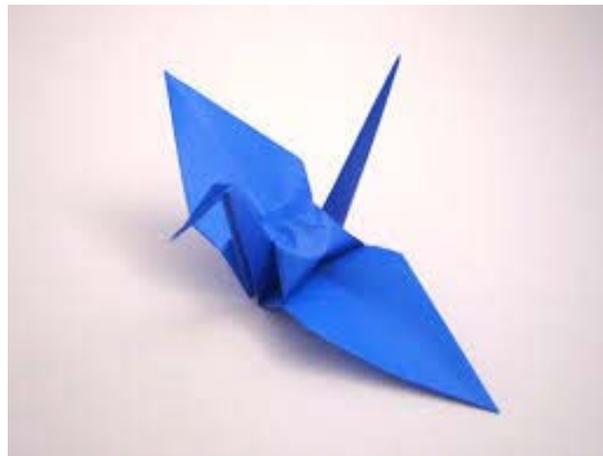
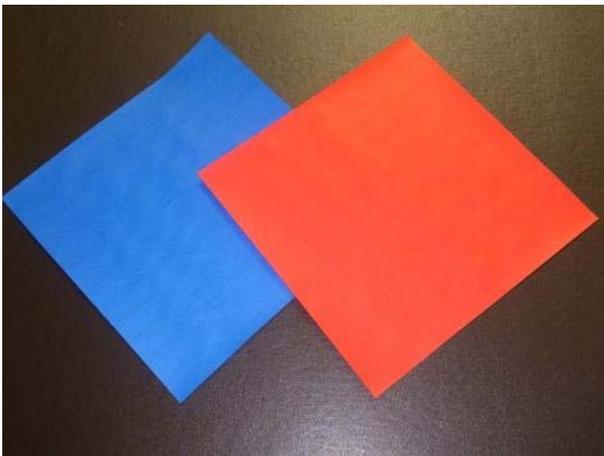
Architectural Design

Architectural Design " Origami "

" Origami "

折る + 紙

Fold + Paper



Architectural Design " Origami "



Designed by Kengo KUMA



Next Station 2017 @Madrid

Architectural Design " Origami "



Designed by Kengo KUMA

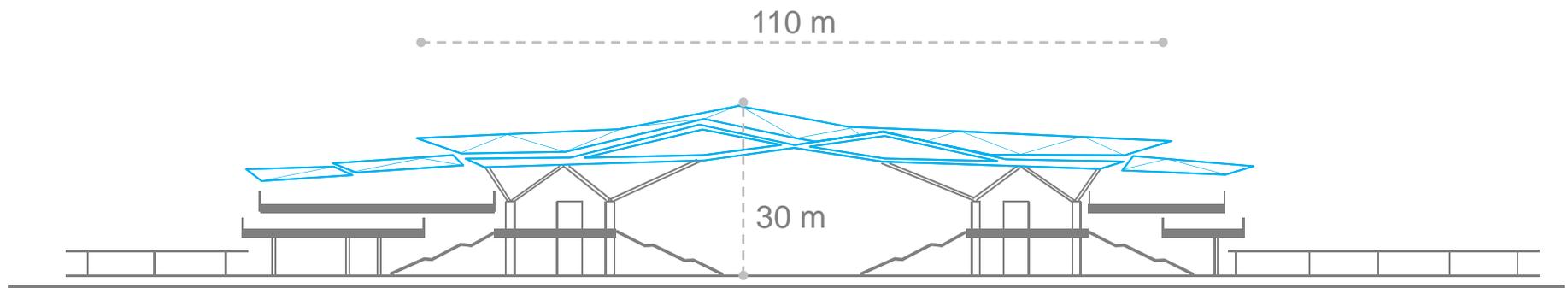


Next Station 2017 @Madrid

7 Atsushi SAKAI

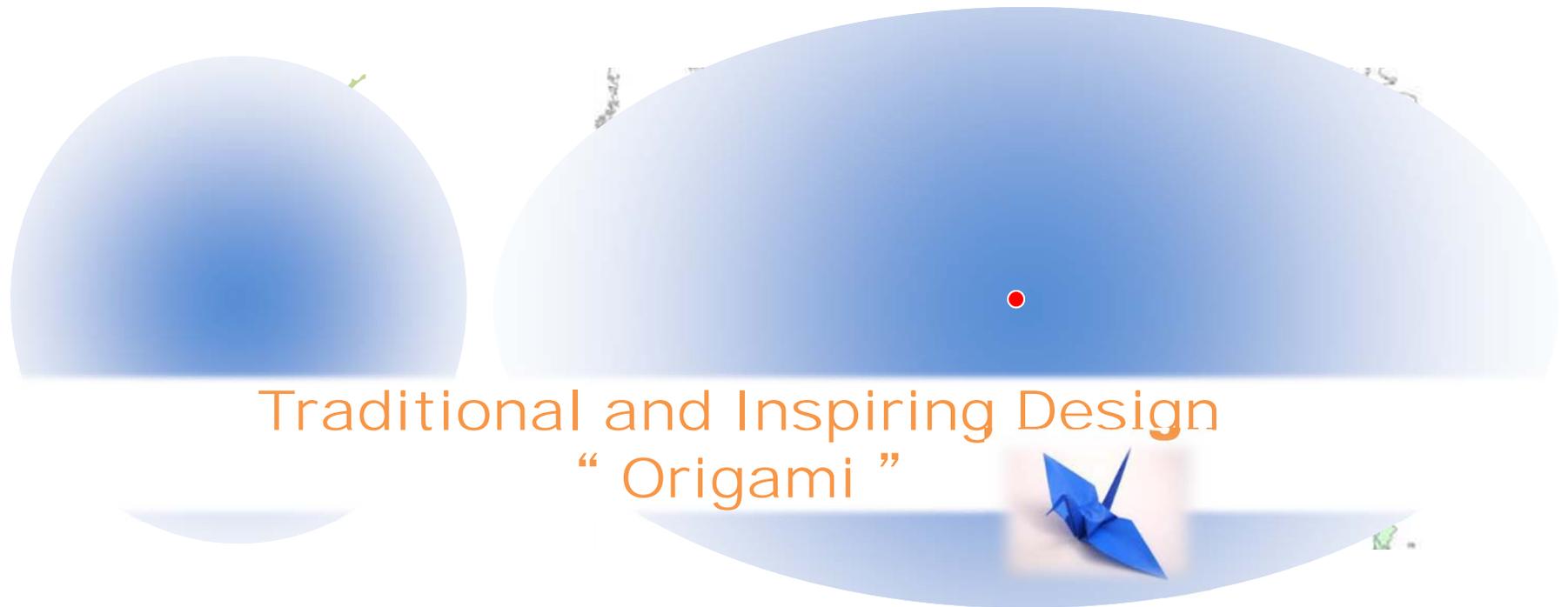


Architectural Design of new JR Station



Architectural Design " Origami "

Global Gateway
connecting Tokyo Metropolitan Area
with other cities in Japan and throughout the world.



Traditional and Inspiring Design
" Origami "

Key Subject #2

Transit Oriented Development (TOD)

Transit Oriented Development by JR East



Site

13 ha.

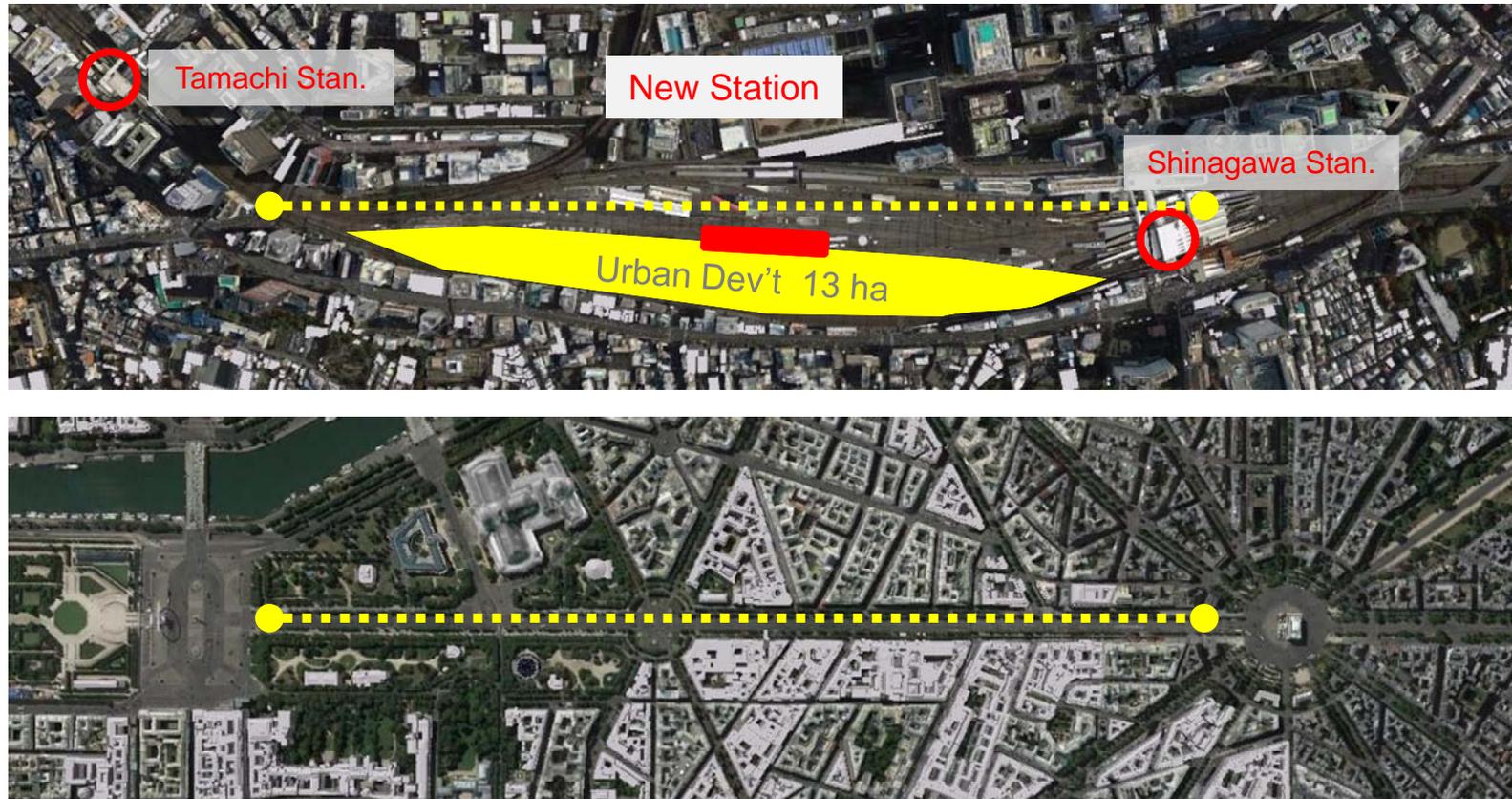
Floor space

1 M m²

Investment

4 B €

Transit Oriented Development by JR East



Transit Oriented Development by JR East

International Exchange Hub



“Innovative, internationally appealing companies and persons”



“New businesses and cultures through diverse exchanges”



“Economically and environmentally sustainable strategy”

Transit Oriented Development by JR East

Schedule

2017

- District Planning
- Land readjustment
- City Planning Roads



2020

- Provisional Opening of **New Station**



2020

Tokyo 2020
Olympic and Paralympic
Games

2023-24

- Opening of **Town**
(Partial)



2027

Opening of Linear Chuo Shinkansen
(projected)

2030s

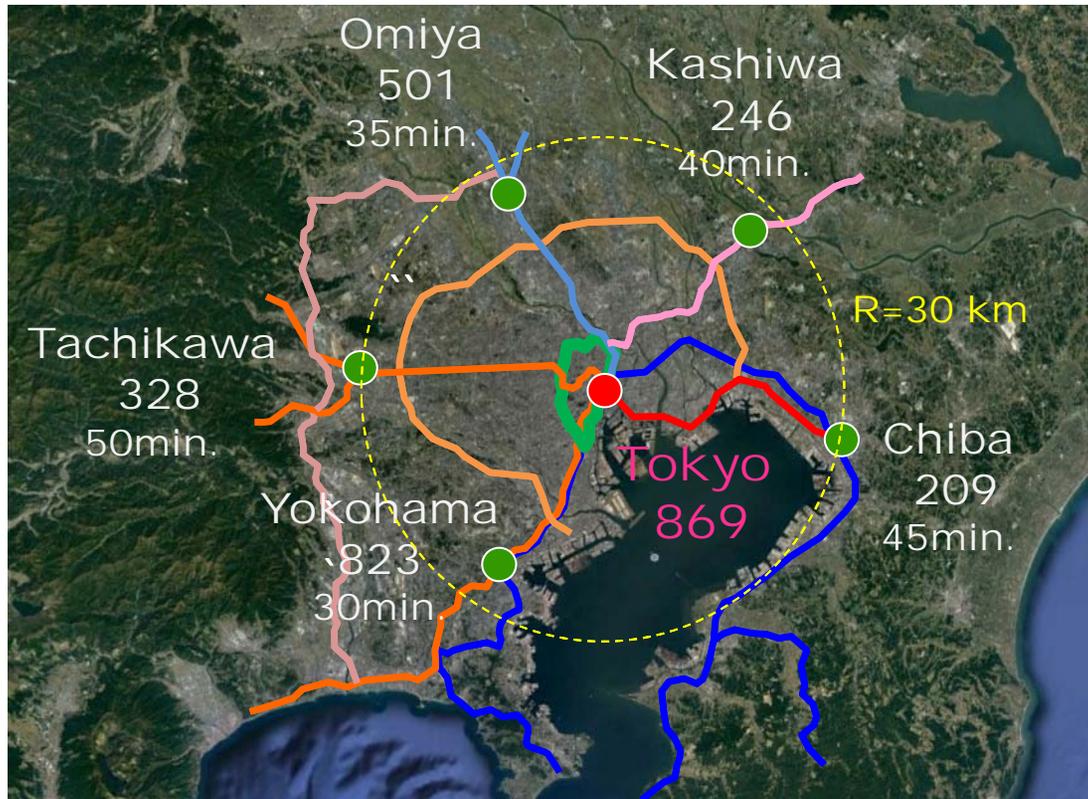
... continuous growth ...

Key Subject #3

Acquisition of Project Site

Acquisition of Project Site

Conventional Trains Network of JR East in Tokyo Metropolitan Area



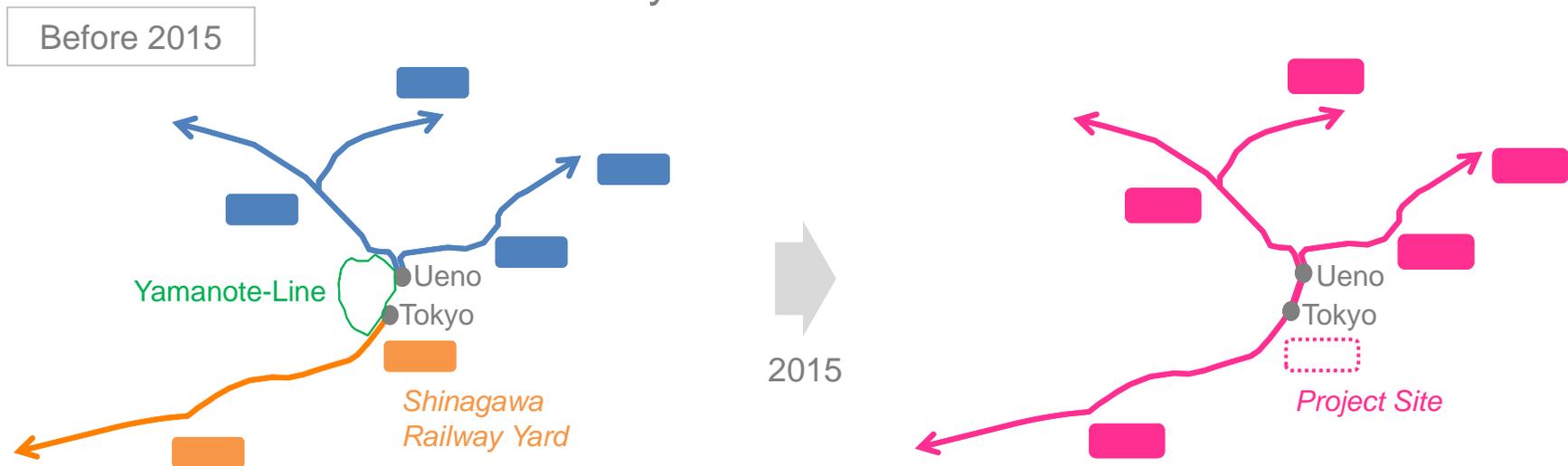
Number of Passengers (thousand / day)



13 M
Passengers / day

Acquisition of Project Site

“Ueno-Tokyo Line”
connects railway networks of north and south



- reduced travel times and congestion
- encourages north-south exchanges

- enabled the Integration of railway yards to produce the project site

Acquisition of Project Site

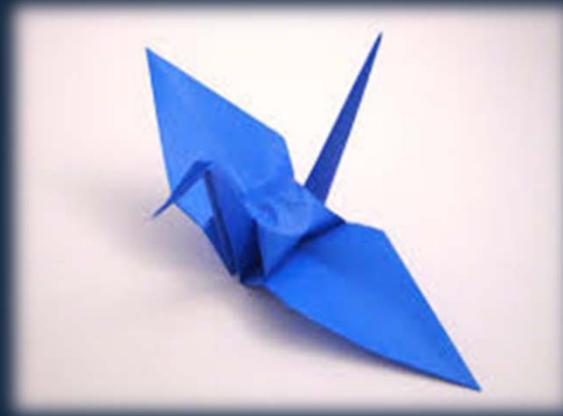


Smart Stations in Smart Cities ?

*Agua blanda en piedra dura,
tanto da que hace cavadura.*

Constant dropping wears the stone.

Gracias



Atsushi SAKAI
East Japan Railway Company, Paris Office



THANK YOU
GRACIAS

UNDER THE HIGH PATRONAGE OF



ORGANISERS