

A wide-angle photograph of the Shanghai skyline at dusk, viewed from the Bund. The Oriental Pearl Tower is prominent on the left, and the Shanghai Tower is the tallest building on the right. The sky is a deep blue with some light clouds. The water of the Huangpu River is in the foreground, reflecting the city lights. Silhouettes of people are visible in the foreground, looking out at the skyline.

SHANGHAI

LOOKING FORWARD

Michel St Pierre
Director of Planning and Urban Design
Gensler

GLOBAL ECONOMY – GLOBAL CITIES

OPPORTUNITIES FOR THE RISE OF NEW GLOBAL CITIES

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Dancing with Giants: China, India, and the Global Economy

China and India are Reshaping Global Trade, Finance, and Industry

China and India – two fast-growing giants – are increasingly affecting global markets and the global commons. Indeed, the two countries account for 37.5 percent of world population and 6.4 percent of the value of world output and income at current prices and exchange rates.

This book, edited by L. Alan Winters and Shahid Yusuf, contains six essays and an introduction that explore whether the Giants' continued rapid growth through 2020 is feasible, whether there are any hints about the form it will take, and how any such expansion will impinge on other countries.

The contributors analyze the Giants' impact on global markets, systems, and commons rather than via their bilateral links with other countries.

Three chapters focus on the Giants' interactions with other countries via the evolution of their industrial capability, their international trade, and the international financial system. Others consider possible constraints and influences on their growth, while the final chapter looks at energy and emissions.

Contributors include: Shubham Chaudhuri, Betina Dimaranan, Elena Ianchovichina, Philip Keefer, Philip R. Lane, Will Martin, Kaoru Nabeshima, Dwight Perkins, Martin Ravallion, Sergio L. Schmukler, Zmarak Shalizi, L. Alan Winters, and Shahid Yusuf.

Dancing with Giants is produced by the World Bank's Development Research Group with support from its East Asia and Pacific and South Asia Regions, and the Institute of Policy Studies (IPS), Singapore.

[List of recent research books on East Asia](#)
[World Bank East Asia Prospects Research website](#)



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GLOBAL ECONOMY – GLOBAL CITIES

OPPORTUNITIES FOR THE RISE OF NEW GLOBAL CITIES



SHANGHAI

POPULATION GROWTH + CLIMATE CHANGE

SHANGHAI IS A MEGA CITY OF OVER 19 MILLION



POPULATION GROWTH

BY 2050 ALMOST 75% OF GLOBAL POPULATION WILL LIVE IN CITIES.



SHANGHAI THEN

SHANGHAI THEN

1920's - 1930's



Most important
Trade and **Financial**
Center of Asia

SHANGHAI THEN

Culture &
Lifestyle



EAST
AND
WEST



Global
Magnet





1949 CHINESE **R**EVOLUTION
LED TO SHANGHAI'S DECLINE.

IN ASIA, SHANGHAI'S DECLINE PROVIDED

OPPORTUNITIES FOR THE RISE OF NEW GLOBAL CITIES IN THE FAR EAST

HONG KONG



THEN



NOW

SINGAPORE



THEN



NOW

TOKYO



THEN



NOW

**WHAT DEFINES A
GLOBAL CITY ?**

GLOBAL RANKING METRICS

GCI

THE GLOBAL CITIES INDEX

Foreign Policy, A.T. Kearney, and The Chicago Council on Global Affairs



GFCI

THE GLOBAL FINANCIAL CENTRES INDEX

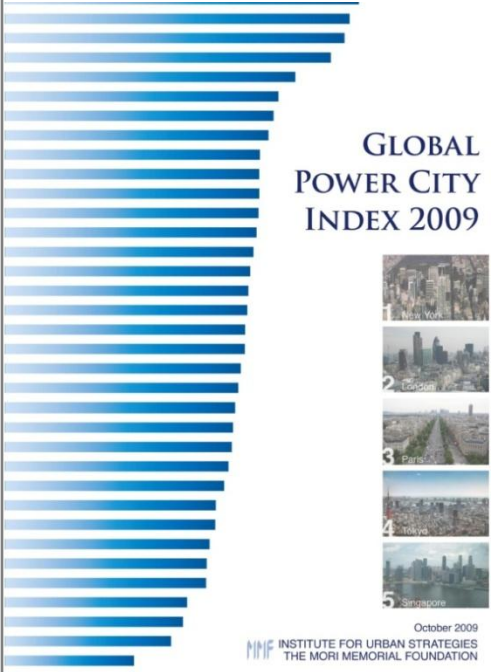
City of London



GPCI

GLOBAL POWER CITY INDEX 2009

Mori Foundation



WHAT MAKES A GLOBAL CITY?

GCI

| Rank | City | Best category (position in that category) |
|------|------------------|---|
| 1 | New York City | Business Activity and Human Capital (1st) |
| 2 | London | Cultural Experience (1st) |
| 3 | Paris | Information Exchange (1st) |
| 4 | Tokyo | Business Activity (2nd) |
| 5 | Hong Kong | Business Activity and Human Capital (5th) |
| 6 | Los Angeles | Human Capital (4th) |
| 7 | Singapore | Business Activity (6th) |
| 8 | Chicago | Human Capital (3rd) |
| 9 | Seoul | Information Exchange (5th) |
| 10 | Toronto | Cultural Experience (4th) |
| 11 | Washington, D.C. | Political Engagement (1st) |
| 12 | Beijing | Political Engagement (7th) |
| 13 | Brussels | Information Exchange (2nd) |
| 14 | Madrid | Information Exchange (9th) |

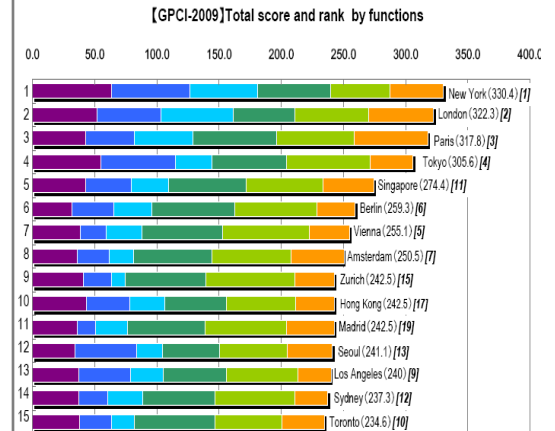
1. NEW YORK CITY
2. LONDON
3. HONG KONG
20. SHANGHAI

GFCI

| Financial Centre | GFCI 6 Rating | GFCI 6 Rank | Change in Rating since GFCI 5 | Change in Rank since GFCI 5 |
|------------------|---------------|-------------|-------------------------------|-----------------------------|
| London | 790 | 1 | 9 | ► 0 |
| New York | 774 | 2 | 6 | ► 0 |
| Hong Kong | 729 | 3 | 45 | ▲ +1 |
| Singapore | 719 | 4 | 32 | ▼ -1 |
| Shenzhen | 695 | 5 | - | - |
| Zurich | 676 | 6 | 17 | ▼ -1 |
| Tokyo | 674 | 7 | 63 | ▲ +8 |
| Chicago | 661 | 8 | 23 | ▼ -1 |
| Geneva | 660 | 9 | 22 | ▼ -3 |
| Shanghai | 655 | 10 | 117 | ▲ +25 |
| Sydney | 651 | 11 | 41 | ▲ +5 |
| Frankfurt | 649 | 12 | 16 | ▼ -4 |
| Toronto | 647 | 13 | 32 | ▼ -2 |

1. LONDON
2. NEW YORK
3. HONG KONG
10. SHANGHAI

GPC



1. NEW YORK
2. LONDON
10. HONG KONG
21. SHANGHAI

WHAT DO THE RANKINGS HAVE IN COMMON?

PEOPLE (TALENT)

BUSINESS ENVIRONMENT

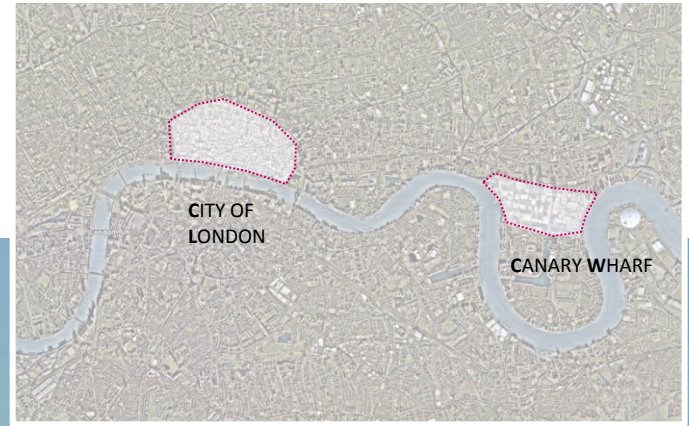
MARKET ACCESS

INFRASTRUCTURE (BUILDINGS AND TRANSPORTATION)

GENERAL COMPETITIVENESS (QUALITY OF LIFE /CULTURE)

WHAT WE LEARNED.

LONDON (TOP RANKED)



LONDON (TOP RANKED)



HONG KONG (TOP TIER)



HONG KONG (TOP TIER)

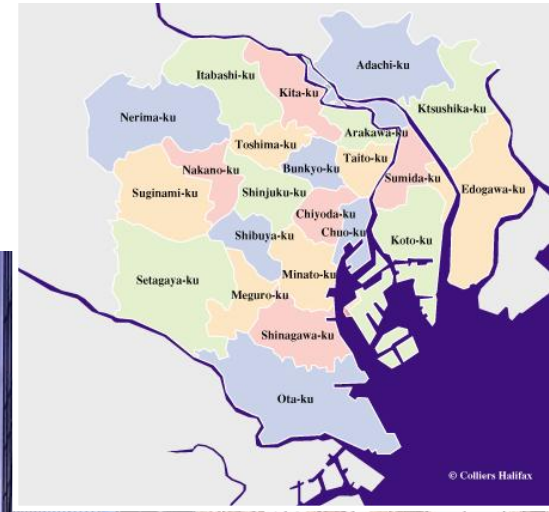
TRANSPORTATION SYSTEM



KOWLOON CULTURAL DISTRICT

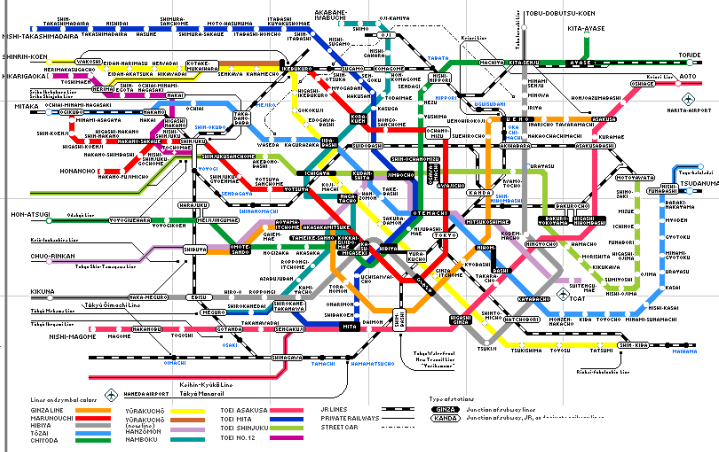


TOKYO (TOP TIER)



TOKYO (TOP TIER)

TRANSPORTATION SYSTEMS



DISTRICTS: "23 WARDS"





Global cities are **sustainable**—
they have the *ability to evolve and
remain vital over time.*

SHANGHAI NOW

SHANGHAI 2010 EXPO

*“The theme of Expo 2010 is **Better City, Better Life** representing the common wish of the whole humankind for a better living in future urban environment.”*



SUSTAINABLE CITY



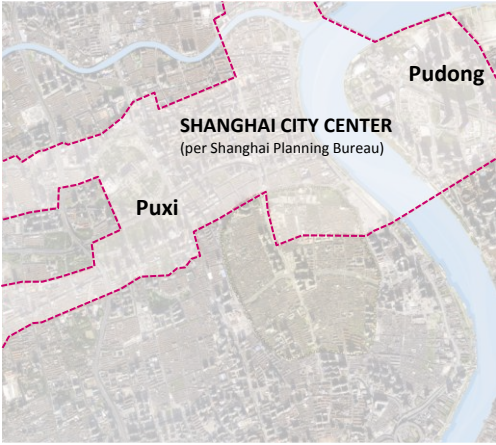
CURB SHANGHAI SPRAWL

INTEGRATE PUBLIC TRANSPORTATION INTO THE URBAN FABRIC.



CENTER CITY

GLOBAL PRESENCE



CENTER CITY PUDONG

GLOBAL FINANCIAL HUB



SHANGHAI TOWER

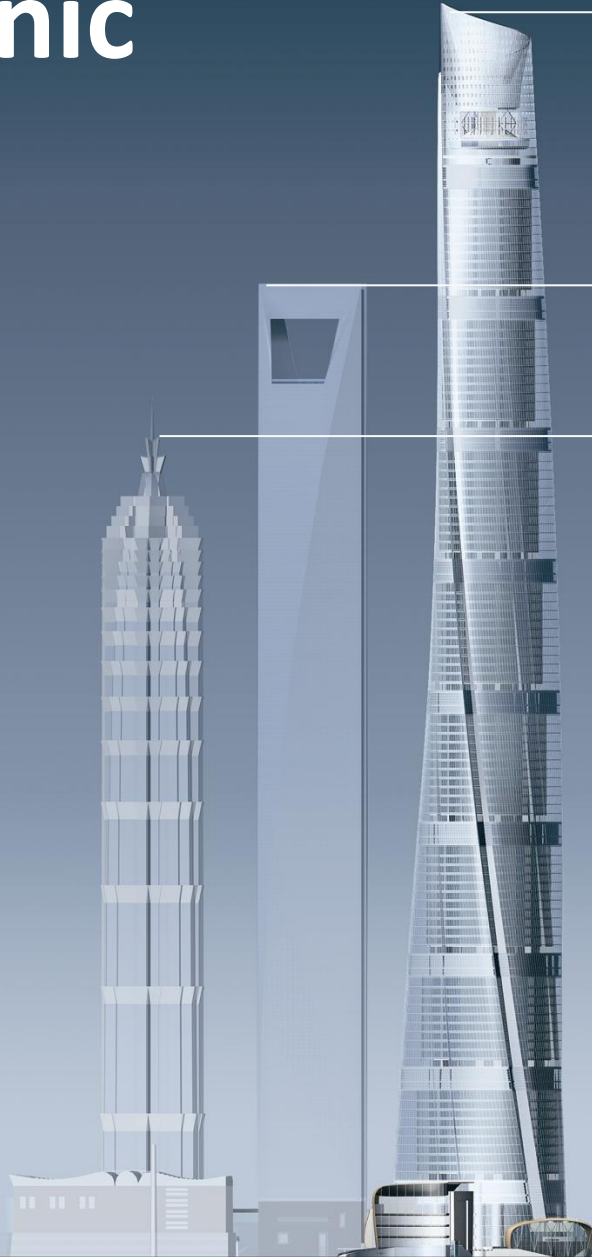


PAST PRESENT FUTURE

- Jin Mao Tower
- Shanghai World Financial Center
- Shanghai Tower

SHANGHAI TOWER

Harmonic Trio



Shanghai Tower

632m

Shanghai World
Financial Center

492m

Jin Mao Tower

432m

Shanghai Tower, at 632 meters, is a 128-story “vertical city” comprising office space as well as dining, shopping, hospitality, and entertainment destinations.

SHANGHAI TOWER

Sustainable Goals



New
Regional
Benchmark

1

Bioclimatic
Design:
An Intelligent
Skin

2

Integrated
Water and
Waste
Management

3

Ultra Low
Energy &
Low Carbon

4

Sustainable
Materials

5

Integrated
Landscape
and Ecology
for IAQ

6

SHANGHAI TOWER

Zoning & Program

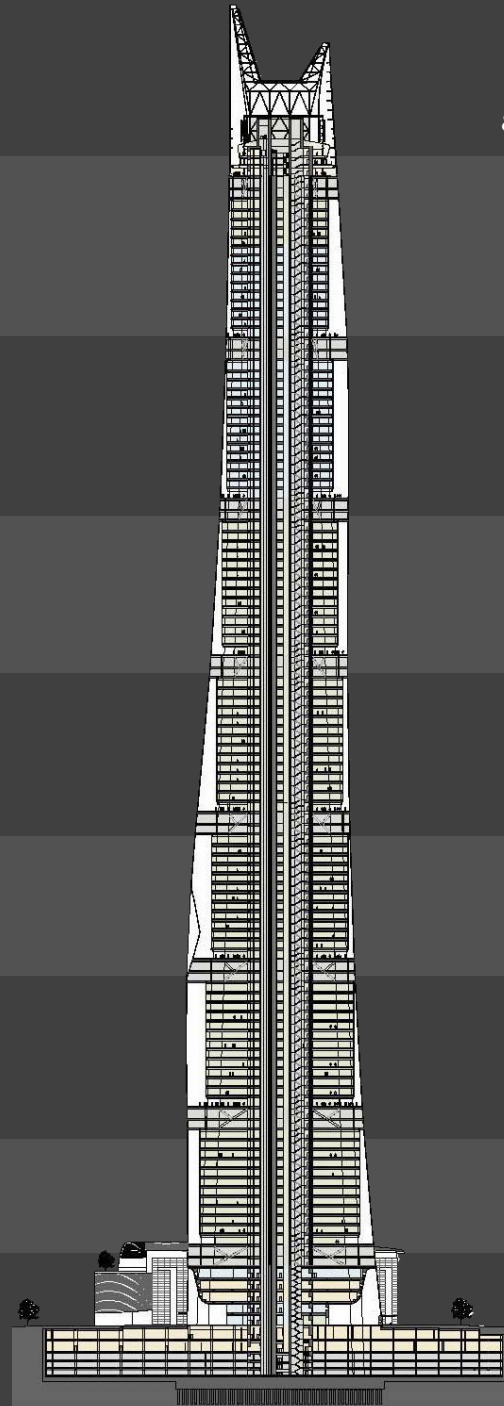
380,000 SM
ABOVE GRADE
(4,090,000 SF)

HOTEL- 50,000 SM
(540,000 SF)
APPROX. 250 KEYS

OFFICE- 242,000 SM
(2,600,000 SF)

PARKING = 1810 SPACES

170,000SM
BELOW GRADE
(1,830,000)



09
Observation
& cultural facilities

08
Hotel
/Boutique office

07
Hotel

06
Office

05
Office

04
Office

03
Office

02
Office

01
Conference
Retail & Parking

STACKED NEIGHBORHOODS

The building is conceived as a sustainable, vertical city, with a series of seven stacked neighborhoods. Each neighborhood, made up of 14 levels, is anchored by a park level which serves as the neighborhood's center and heart.

Skygardens



-CONTAIN RESTAURANTS AND RETAIL AMENITIES FOR OFFICE POPULATION OF THE ZONE

-REDUCES THE NUMBER OF TRIP OCCUPANTS TAKE TO THE GROUND LEVELS THEREFORE SAVING ENERGY

-PLANTING IMPROVES AIR QUALITY

-PLANTING ADDS FREE COOLING



CENTER CITY PUXI

CULTURE, LIFESTYLE, BUSINESS

Pedestrian
Friendly



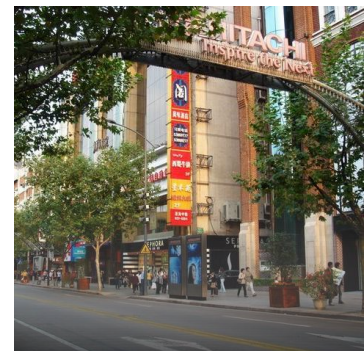
Mix of Scales



Rich History

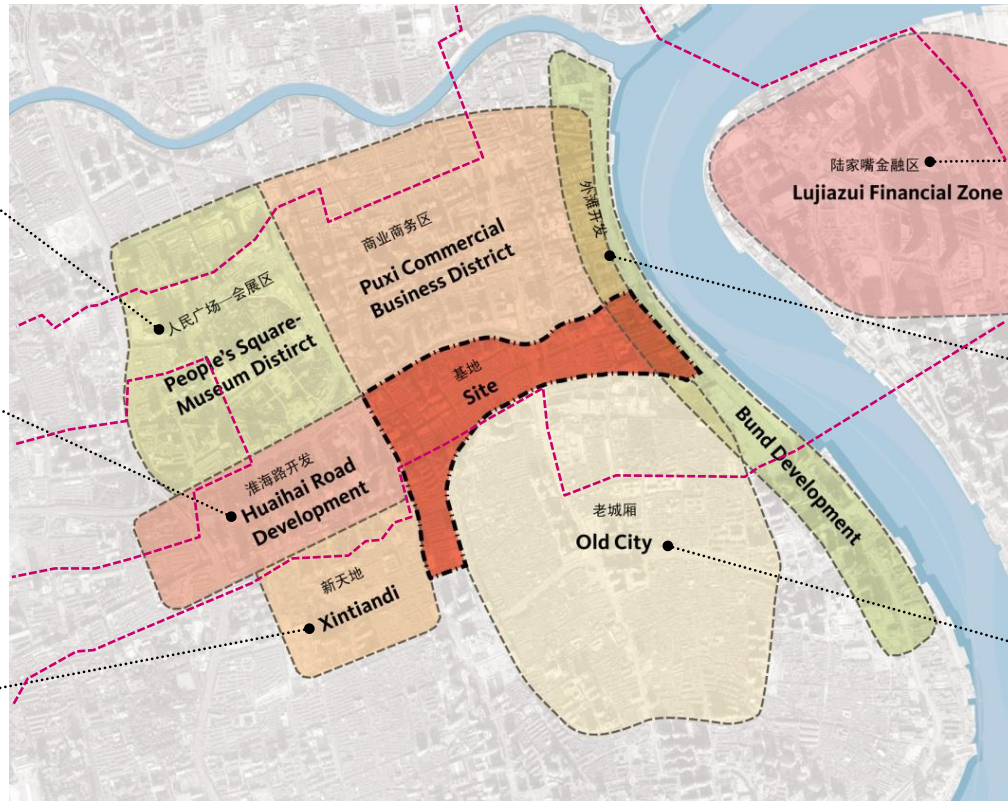


Mix of
Uses



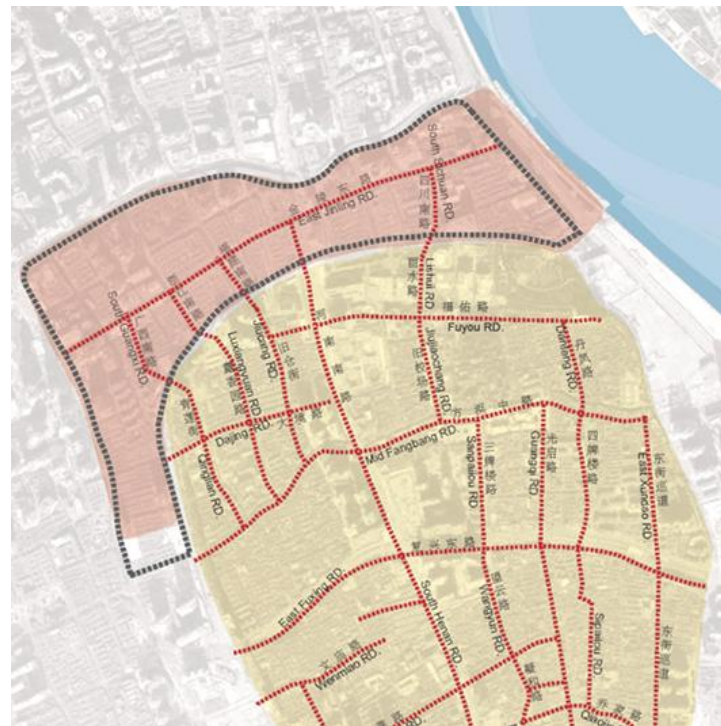
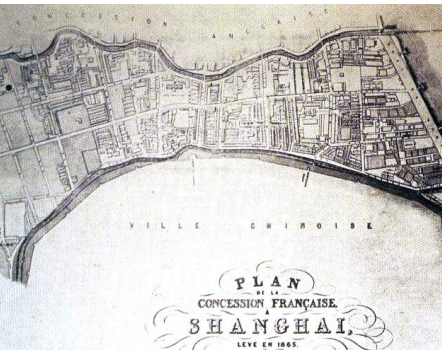
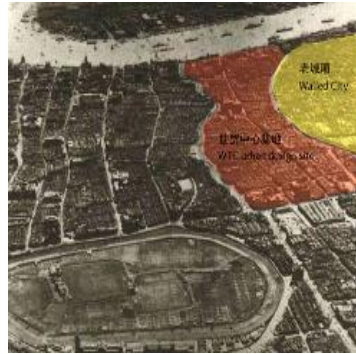
PUXI DISTRICT MASTERPLAN | A NEW MODEL FOR SUSTAINABLE DEVELOPMENT

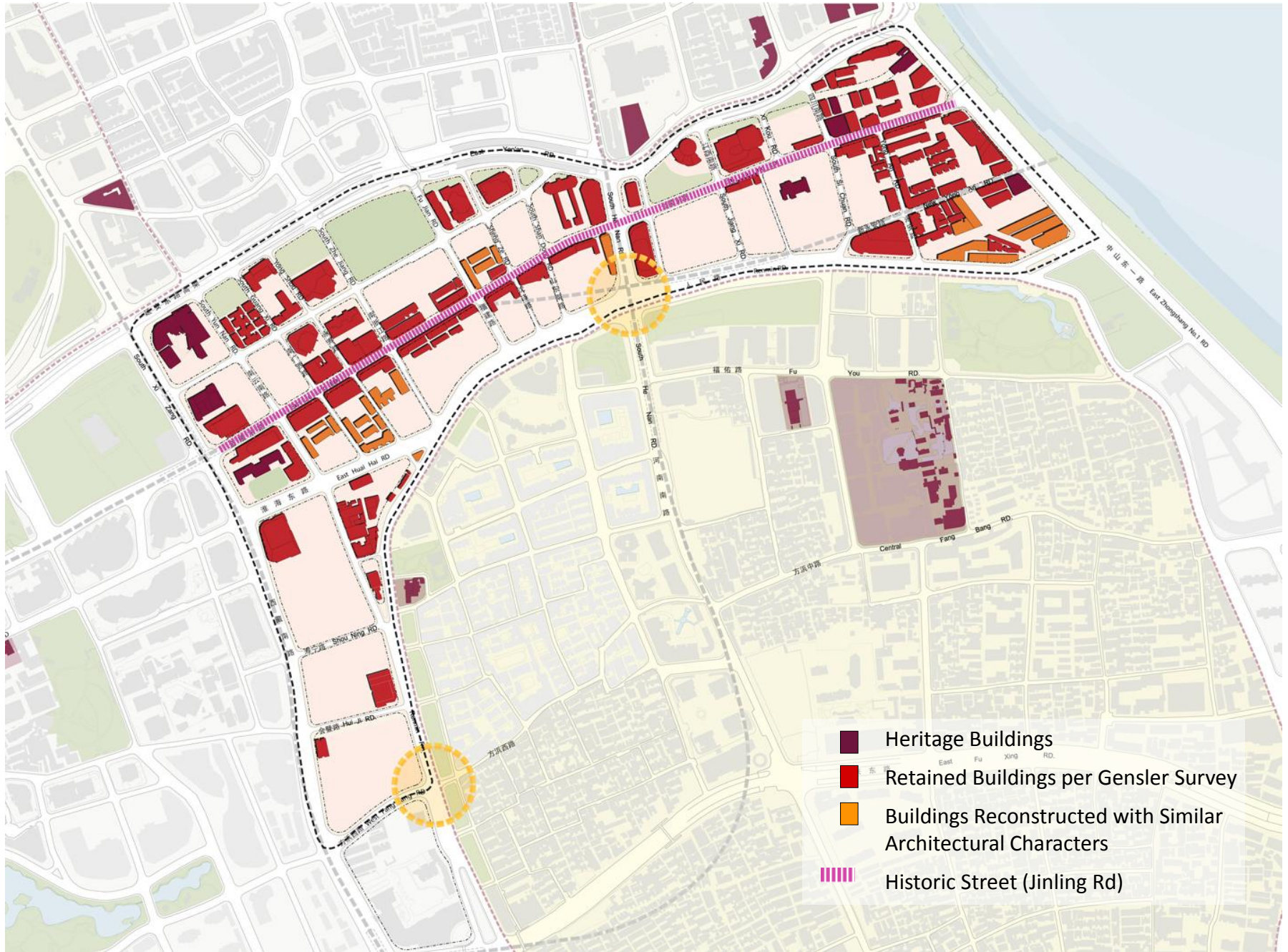
Establishing Puxi as a global center of culture and business, in alignment with Pudong, will create a **vibrant and complete Center City**.



PUXI DISTRICT MASTERPLAN | SOCIAL SUSTAINABILITY

BUILDING
ON RICH
HISTORY





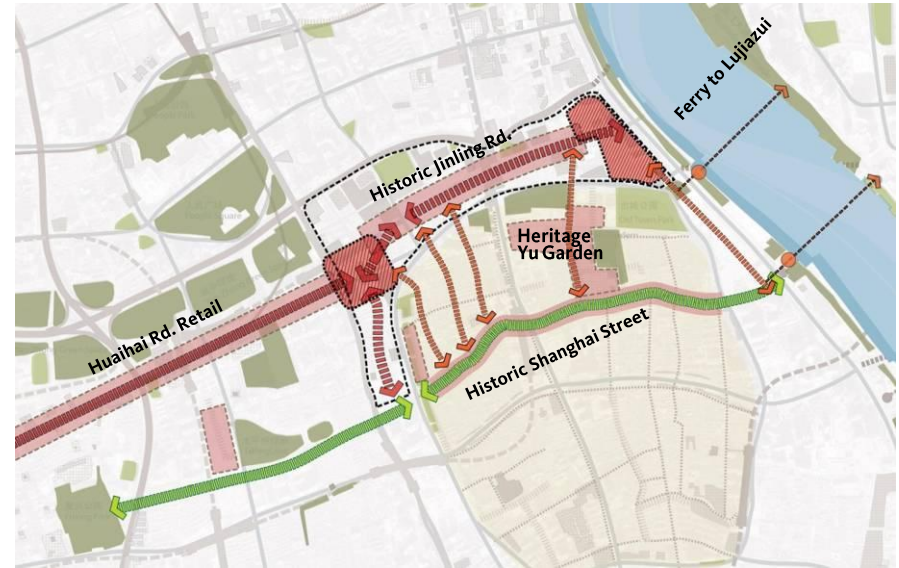
PUXI DISTRICT MASTERPLAN | PEDESTRIAN FRIENDLY

Proposed Major Open Space Connection



Propose linkage between existing open space, historic pedestrian street, waterfront, and ferry terminal. This provides an opportunity to revitalize historic gateways to Old City with major landmark buildings.

Proposed Retail Connections



Proposed New Retail & Cultural Districts to link existing retail streets and major activity centers.

Retail Streets are an opportunity for selective historic preservation & promote **pedestrian friendly, multi-use vibrant urban communities.**



Jinling Road –Historical Xintiandi “Arcade” Street



Xintiandi



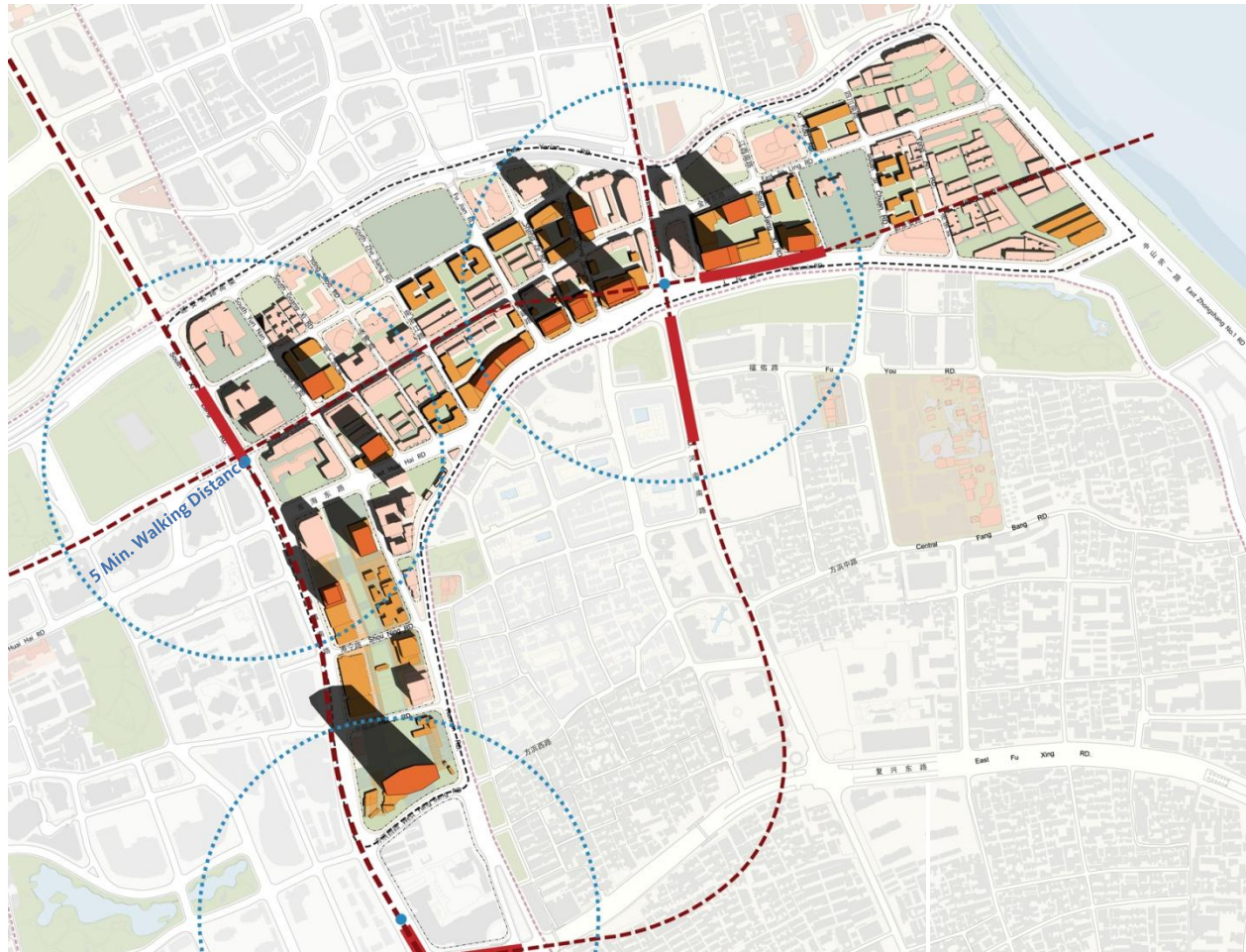
Huaihai Road –Existing Major Retail



Yu Garden- Heritage Garden + District

PUXI DISTRICT MASTERPLAN | DENSITY SUPPORTED BY TRANSIT

Focusing high density, mixed-use development around **public transit nodes**.



Proposed Infill Buildings

Proposed Towers



- Existing/ Planned Towers
- Existing/ Planned Metro Stations
- 5 Min. Walking Distance from Metro Stations



PUXI DISTRICT MASTERPLAN | DENSITY SUPPORTED BY TRANSIT

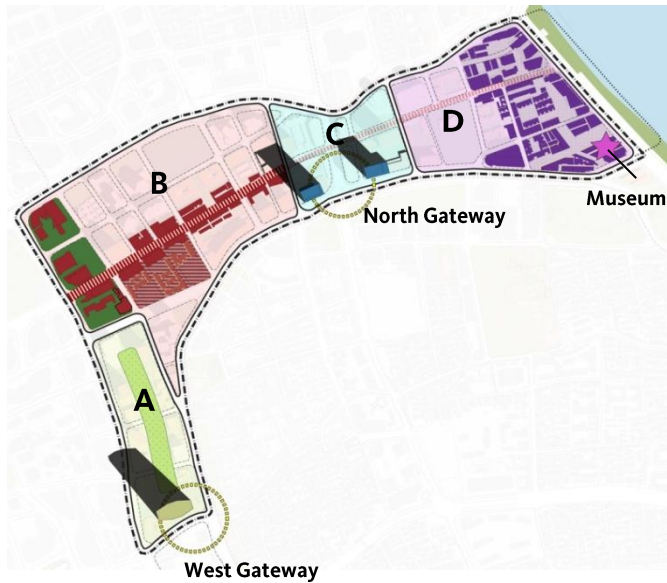
Focusing high density, mixed-use development around **public transit nodes**.



PUXI DISTRICT MASTERPLAN | MIXED USE DISTRICTS

Four distinct sub-districts

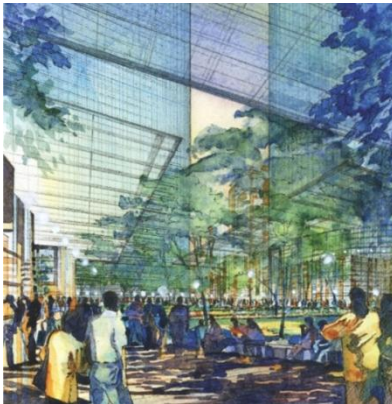
complement each other and add to the vitality of Shanghai Puxi area



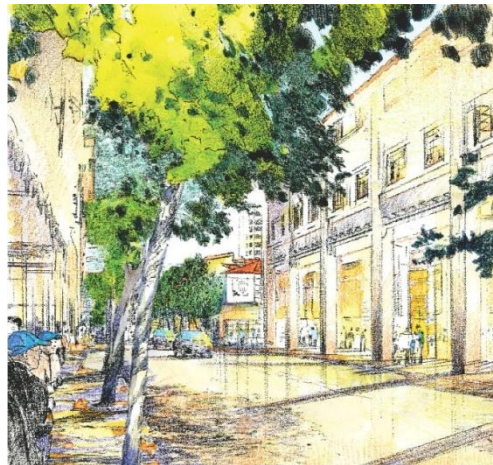
- A. Financial Sub-District
- B. Mixed Use Retail Sub-District with Local Architectural Characters
- C. North Gateway Mixed-Use Sub-District
- D. New Cultural Sub-District along the Bund

PUXI DISTRICT MASTERPLAN | MIXED USE DISTRICTS

A. FINANCIAL CENTER SUB-DISTRICT



B. MIXED-USE RETAIL SUB-DISTRICT WITH LOCAL ARCHITECTURAL CHARACTER



C. NORTHERN GATEWAY MIXED-USE SUB-DISTRICT



PUXI DISTRICT MASTERPLAN | MIXED USE DISTRICTS



PUXI DISTRICT MASTERPLAN | GLOBAL CULTURAL HUB

Located along the Bund, the proposed Cultural Sub-district offers an opportunity for a new museum with global reach.



Proposed new
international museum

PUXI DISTRICT MASTERPLAN



- Heritage Buildings
保护建筑
- Existing Buildings
现有建筑
- Re-constructed Buildings -
building characters maintained
保存现有建筑风貌

- Proposed Buildings
建议新建筑
- Proposed Towers
建议新塔楼
- Major Open Space
主要开放空间

- Open Space
小区开放空间
- Heritage Districts
文物保护单位
- Study Boundary
地块研究范围

- Context - Existing Buildings
现有建筑
- Context - Planned Buildings
规划建筑

0 50 100 250 m

PUXI DISTRICT MASTERPLAN



PUXI DISTRICT MASTERPLAN

OPPORTUNITIES FOR THE RISE OF NEW GLOBAL “LOW CARBON” VERTICAL CITIES

