THE INNOVATIVE METROPOLIS:
FOSTERING ECONOMIC COMPETITIVENESS THROUGH
SUSTAINABLE URBAN DESIGN

SHANGHAI

HISTORY AND CONTEXT
State/Province: n/a
Country: People’s Republic of China
Köppen Classification: Humid Subtropical Climate
Political Adjacencies: People’s Republic of China
Land Area: 2,448.1 square miles
Spatial Adjacencies: The city is located in the Yangtze River Delta in eastern China. It is bordered by Jiangsu and Zhejiang provinces to the west and the East China Sea to the east.

Municipality Population: 23,019,148
Metropolitan Population: n/a
Population Density: 9,400/square mile
Racial Distribution: 98.8% Han Chinese, 1.2% Various Minority Groups
Language: Mandarin

City Inception/Incorporation Date: 1927
Year at which Population Reached 1 Million People: 1900

POLICIES AND ORGANIZATION
Current Strategic Plan: n/a

Shanghai Urban Planning Exhibition Center
Link: http://www.supec.org/english/overview.htm

Major Development Distinction: Pudong District
Shanghai Municipal Development and Reform Commission
Link: http://www.shanghai.gov.cn/shanghai/node27118/node27386/node27400/node27837/userobject22ai38905.html
Shanghai Municipal Housing, Land and Resources Administration
Link: http://www.shanghai.gov.cn/shanghai/node27118/node27386/node27400/node27841/userobject22ai12739.html
Shanghai Municipal Planning, Land and Resources Administration
Link: http://www.shanghai.gov.cn/shanghai/node27118/node27386/node27400/node27849/userobject22ai38901.html
Shanghai Municipal Urban and Rural Construction and Transportation Commission
Link: http://www.shanghai.gov.cn/shanghai/node27118/node27386/node27400/node27854/userobject22ai38907.html
Urban Planning Society of China
Shanghai Tongji Urban Planning and Design Institute
Link: http://www.tjupdi.com/website/english/en_1_intro.asp

Sustainability Plans: Better City - Better Life
Link: http://www.expo2010.cn/expo/expo_english/oe/bi/userobject1ai48695.html
ECONOMICS

Largest Industry of Employment: Financial services
Shipping: Busiest container port in the world
Port: Port of Shanghai - deep sea port and river port
29.05 million TEUs (2010)

Shanghai Municipal Transport and Port Authority
Link: http://www.shanghai.gov.cn/shanghai/node27118/node27386/node27400/node27853/userobject22ai38995.html

Air:
Shanghai Pudong International Airport
44,857,200 passengers (2012)
3,227,914 tons cargo (2012)

Shanghai Hongqiao International Airport
33,851,200 passengers (2012)
~1 million tons cargo

Exchanges: Shanghai Stock Exchange, Shanghai Futures Exchange
Fortune 500 Companies: 5
Contemporary Economic Engines: Financial services, retail, real estate
Major Recent Development: World Expo 2010
Regional Economic Partners: n/a

ENVIRONMENT

Environmental Agency: Shanghai Municipal Planning, Land and Resources Administration
Link: http://www.shanghai.gov.cn/shanghai/node27118/node27386/node27400/node27849/userobject22ai38901.html

Water
Management: Shanghai Municipal Water Authority (Shanghai Municipal Ocean Bureau)
Link: http://www.shanghai.gov.cn/shanghai/node27118/node27386/node27400/node27856/userobject22ai38885.html
Source: Huangpu River
Daily Usage: 10 billion cubic meters/year (1990)
Per Capita Usage: 200 cubic meters
Reserves: 2.7 billion cubic meters
Flood/Drought History: Shanghai is considered to be at significant risks for flooding due to the large population that lives along the coast and in flood-prone areas. Shanghai has invested less than its European counterparts in various forms of protection/drought in 2011.

Waste Management
Public/Private – Department Name: Shanghai City Appearance and Environmental Sanitation Administration Bureau and Shanghai Chengtou
Link: http://www.shanghai.gov.cn/shanghai/node17256/node17679/node17729/userobject22ai12990.html
Link: http://web.chengtou.com/English/index.aspx
Waste Production: 31 million tons/year (2011)

Energy
Source: Electric power, oil products, gas
TRANSPORTATION
Major Airports: Shanghai Pudong International Airport and Shanghai Hongqiao International Airport
Major Highways and Interstates: 14 city-elevated and surface expressways, 9 provincial-level expressways, and 8 national-level expressways

Light Rail: Shanghai Metro rapid transit system
13 lines, 292 stations

Bike Plan: Shanghai Bike Exchange Program

Cars Per 1,000 People: 53

Public Transportation Options: Buses, trolley buses, metro system

QUALITY OF LIFE
Median Income: $3,200/month
Minimum Hourly Wage: $230/month
Unemployment Percentage: 4-5%
Average Commute Time: 47 minutes