The Liveability Framework

Brian Patrick Tan
Manager, CLC

4th High Level Seminar on Environmentally Sustainable Cities 2013
Centre of Liveable Cities


**Mission:**

To Distil, Create and Share knowledge on **Liveable and Sustainable Cities**

- **Local**
  - Knowledge Capture & Building
  - Distil & capture essence of Singapore Developmental Model & Facilitate Inter-agency collaborations
- **Global**
  - Promotion, Engagement & Research
  - International partnerships & joint research projects

**CLC**

- Partnership
- Advisory

- **Knowledge**

**Knowledge Capture & Building**

- Share international knowledge to build agencies’ capabilities & facilitate local-global collaborations
- Promote Singapore Developmental Model through WCS, LUGP, etc.

**Partners**

- BCA
- EDB
- ISOC
- LTA
- JTC
- NEA
- PUB
- RPM
- SCDA
- TEL
- TA
- UBA
- UDA
- SIT
- EDB
- AVA
- EMA
- ETH
- CSC
- PA
- ADB
- WB
- LTA
- SLA
- HDB
- URA
- ISOC
- ARP
- CAM
- ULI
- ETH
- FM
- ADB
- WB
- EDB
- IES
Singapore

A Global City & An Endearing Home
Why Singapore’s Experience is Relevant

The CLC Liveability Matrix

(Given the City's Metropolitan Area)

URBAN POPULATION DENSITY (PERSON/SQ KM)

LIVEABILITY
(Based on Mercer 2010 Quality of Living Survey)

HIGH DENSITY
HIGH LIVEABILITY

Cities:

- Dhaka (11,500)
- Moscow (10,500)
- Lagos (6,780)
- Mumbai (4,780)
- Jakarta (4,240)
- Lima (2,980)
- Sao Paulo (2,440)
- Mexico City (2,450)
- Rio de Janeiro (2,610)
- Shanghai (3,830)
- Seoul (2,030)
- Tokyo (2,660)
- Rome (2,110)
- Los Angeles (1,020)
- New York (1,090)
- Paris (704)
- Brussels (960)
- Stockholm (320)
- Sydney (330)
- Vancouver (800)

Singapore (7,130)
London (5,100)
Hong Kong (6,400)
New York (10,900)
Paris (704)
London (5,100)
Tokyo (2,660)
Rome (2,110)
Los Angeles (1,020)
New York (1,090)
Paris (704)
Brussels (960)
Stockholm (320)
Sydney (330)
Vancouver (800)

Cities:

- Nairobi (210)
- New Delhi (1,250)
- Beijing (1,200)
- Dubai (321)
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- New York (10,900)
- Paris (704)
- Brussels (960)
- Stockholm (320)
- Sydney (330)

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Making Sense of Singapore’s Transformation

CLC’s Urban Systems Studies

- Water
- Governance
- Public Housing
- Transport
- Economy & Sustainability
- Greenery
- Urban Planning
- Economy & Infrastructure
- Airport/ Seaport
- Conservation
- Arts & Culture
- Place Making
- Marina Bay/ Singapore River
- Clean Environment
- Sustainable Built Environment
CLC’s Liveability Framework

High Quality of Life
Competitive Economy
Sustainable Environment

Integrated Master Planning & Development
Dynamic Urban Governance

Outcomes (What’s)
Systems (How’s)
Competitive Economy

Outcomes (What’s)

1. Resilient Economy
2. Competitive Workforce
3. Inclusive Growth

Systems (How’s)

Integrated Master Planning & Development
Strong Urban Governance

Competitive Economy

High Quality of Life
Sustainable Environment
Competitive Economy

1. Provide jobs and economic security
2. Generate income
3. Create new opportunities for growth
Sustainable Environment

Develop first, clean up later? Not Singapore’s approach

Courtesy: PUB
Sustainable Environment

1. Adequate land, water and energy to meet long term needs.
2. Clean and good quality environment (Air, water, waste management, noise level).
3. Green & Healthy Eco-Systems
4. Resilient to Environmental Risks (Climate Change, Natural Disasters, Food Security)
Between 1986 and 2010, despite growth in population from 2.7 million to 5 million, the green cover in Singapore grew from 35.7% to almost 50%.
High Quality of Life

1. Safe & Secure living environment
2. Cohesive & Diverse Society (Immigration & Integration)
3. Equitable & Inclusive Society
4. Public Health Standards
5. Accessible, Adequate, Affordable and Diverse Essential, Social, Recreational & Cultural Needs
High Quality of Life: Public Housing

- **High-density & high rise** HDB flats built in 1960s – 1970s when no other cities thought it was necessary. (> 85% ownership today)

- Purchase **financially-aided** through Central Provident Fund to help citizens to be self-reliant.

- Ensure **social integration** through mixture of flat types, quota.

- Keep **community identities** strong.

- **Self-contained satellite towns** with schools, supermarkets, clinics, hawker centres, sports and recreational facilities. Universal, friendly facilities.
Implicit “Rules” of Integrated Master Planning and Development

1. Think long term
2. “Fight productively”
3. Build in flexibility
4. Execute effectively
5. Innovate systematically

High Quality of Life
Competitive Economy
Sustainable Environment
Dynamic Urban Governance
Integrated Master Planning & Development
Outcomes (What’s)
Systems (How’s)
Implicit “Rules” of Integrated Master Planning and Development

Think long term
Implicit “Rules” of Dynamic Urban Governance

1. Lead with vision and pragmatism
2. Build a culture of integrity
3. Cultivate sound institutions
4. Involve the community as stakeholders
5. Work with markets
Implicit “Rules” of Dynamic Urban Governance

Lead with Vision and Pragmatism

Adhering to politically difficult plans

COE supply may fall to nine-year low

This year’s quota likely to be cut from $65k as fewer cars are scrapped

By Christopher Tan

THE supply of certificates of entitlement (COEs) is poised to shrink in coming months, and prices will rise as a result. This is because the number of vehicles being taken off the road, a key factor that determines how many COEs are made available, has slowed down considerably this year.

Supply could be further squeezed when a new way of calculating each year’s quota is adopted, after a injection of the formula for its land transport 

Congestion pricing

Certificate of Entitlement

Straits Times 7 Aug 2009
Temasek Foundation Leaders in Urban Governance Programme (TF LUGP)
27-31 May 2013, Singapore
http://www.clc.gov.sg/Training/international.htm

Thank you
www.clc.org.sg