

Presentation by

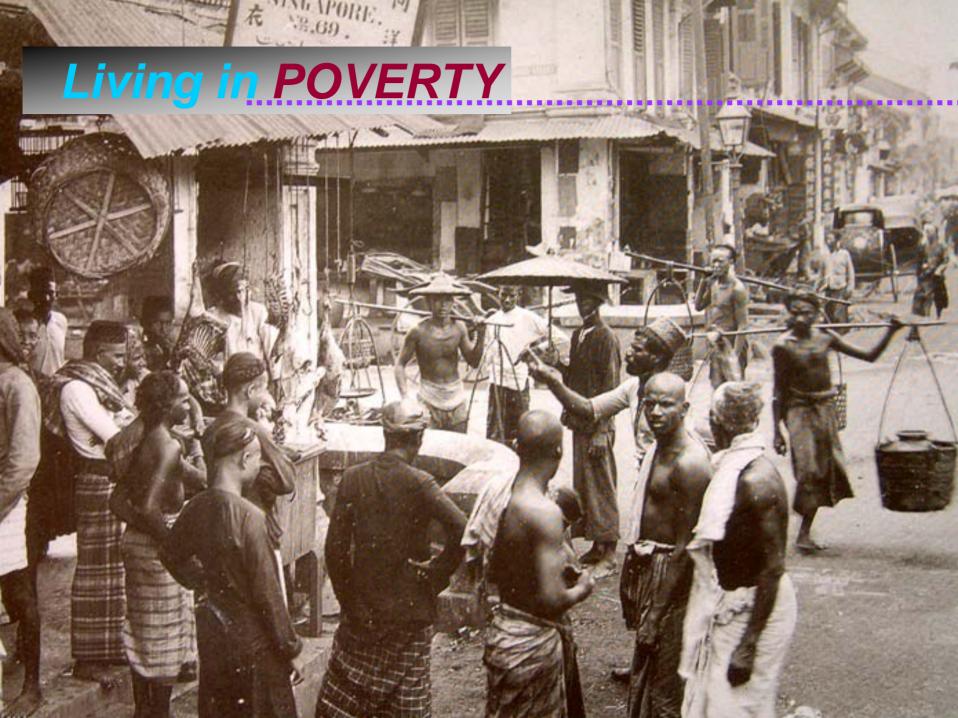
Mr William Lau

Principal
A.Alliance Master Planners & Architects

Honorary Secretary
Singapore Institute of Planners













MASTER PLANS 1958 & 1980

- 1st Statutory Master Plans
- Regulated Land use
 - Zoning
 - Density
 - Plot Ratio
- Reserves land
- "Green Belt"

Arrests further city expansion

RECESSIONAL COMPETITIONS

In late 1990s, Massive Recession:

Economy & Property

Bubble Burst!

- Affects Entire Asian Region
 - Threatened Sustainability of Economy & City Planning
 - Generates Competition from surrounding emerging countries



SINGAPORE CONCEPT PLAN 2001

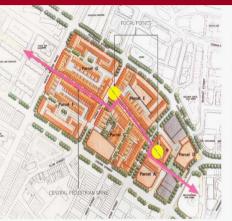
"Big picture"
that charts out Singapore's long term

Land Use Strategies

<u>SUSTAINABLE</u>

in the long run...

SINGAPORE CONCEPT PLAN 2001



Urban design guidelines for individual parcels were made known to potential tenderers. But while the guidelines were comprehensive, they were also flexible enough for developers and architects to let their imagination roam and come up with fresh ideas.

The result? A bustling, innovative development







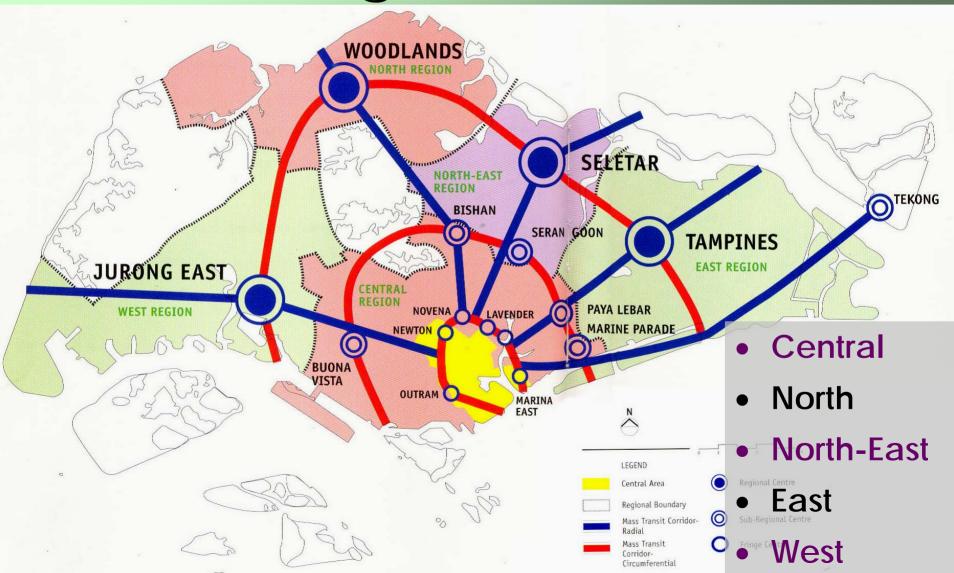
1998





- 1. Varieties of Housing Choices
- 2. Comfortable Living Environment
- 3. Business Initiatives:
 - Flexibility & Responsiveness
 - Support Value-added Industries
 - Growth into Int'l Business Hub

Central Biz District 5 Regional Towns



Review: Every 5 years

MASTER PLAN 2003



• 55 DGPs

Development Guide Plans were gazetted & stitched into Master Plan

Translates Broad Vision
 Strategies into Realizable proposals

Planning of Integration of

- Transport Networks
- Retain CHARACTER of each region



REMAKING OF SINGAPORE

A New Height

Multi-pronged approach crafted to make City Planning sustainable & competitive

ECONOMIC PLANNING & POLICIES

Pro-Business & Creativity in generating

REVENUES



Inland Revenues Taxes

Income & property Taxes S\$10,000 m/yr

Car Use Control & Taxes

- COE (Cert of Entitlement)
- ERP (Electronic Road Price) S\$1,500 m/yr

Asset Taxes & Land Sales

\$\$2,139 m/yr Land Parcel Sales (thro Govt Agencies: URA, HDB & JTC)

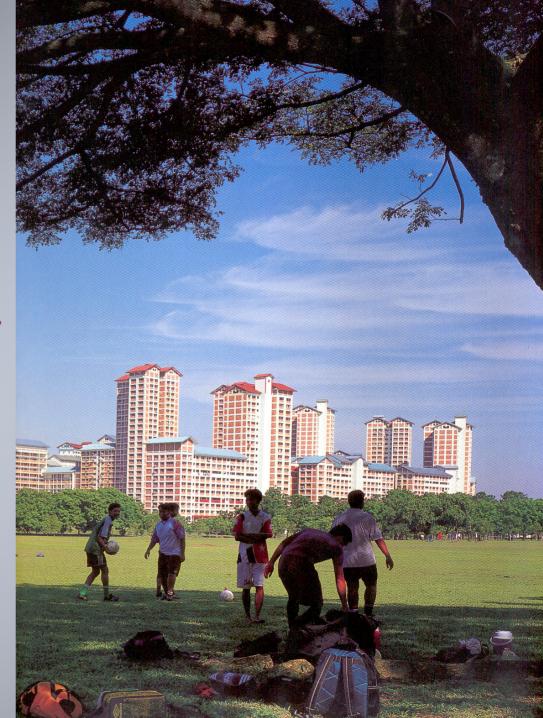


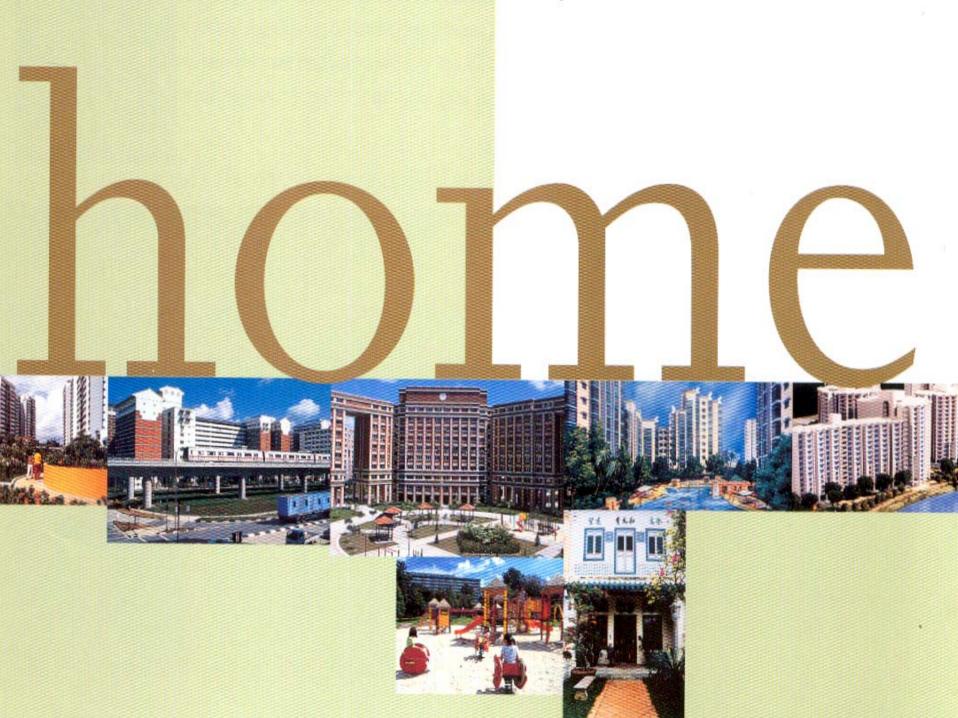
Promotions to portray Singapore as a safe haven for living as the best place to

LIVE "HOME"

WORK

PLAY





Our Past

1970S Early Phase

HDB Public Housing Program

- Massive Quantities were built
- Simple Slab Blocks of Flats
- Basic & Standard Design
- No Characters or Varieties

Our Aspirations



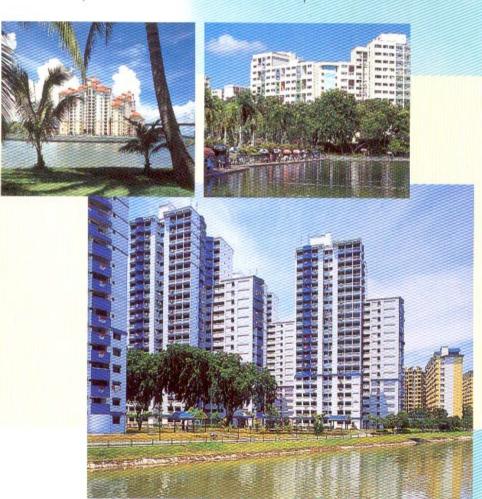
- New homes of Large Variety
- Community & Education facilities
 - Community Living
- A Sense of History& Identity
 - Heritage Living
- Better Transport
 Infrastructure

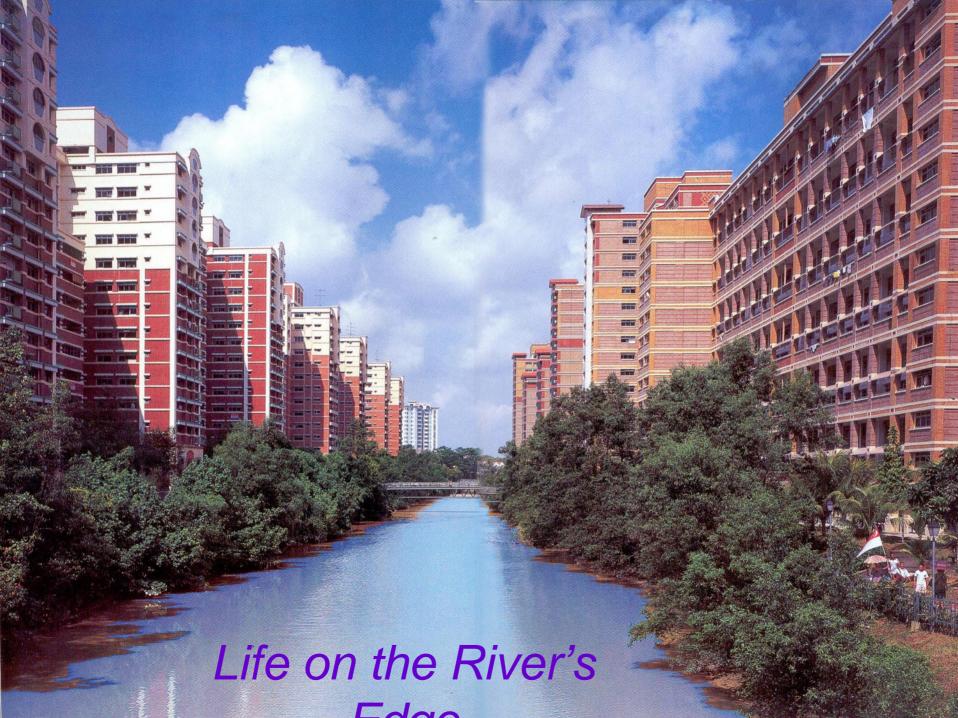
Variety of Housing

You wake up in the morning, walk to the balcony of your flat, stretch yourself languorously and take in a deep breath of sea breeze. Your senses come alive as your eye takes in the panoramic view of a river and a promenade fringed by swaying palm trees.

The sun is up and the day feels just right for a spot of water-skiing. You swill down your coffee, change, hop into your car and in just 5 minutes, you arrive at the marina – a day of sea, sun and fun ahead of you.







SELECTIVE

REDEVELOPMENT SCHEME

- DEMOLISH
 Old flats with low density
- UPGRADE
 Exstg residents to newer flats nearby
- NEW HI DENSITY HOUSING
 Being built, eg. Tiong Bahru

TRAVELLATORS

- Currently found in Changi Airport
- Extensively Use in New Downtown
- High rise tower Lobbies locate just off travellator network



OLD TOWN, NEW FACE



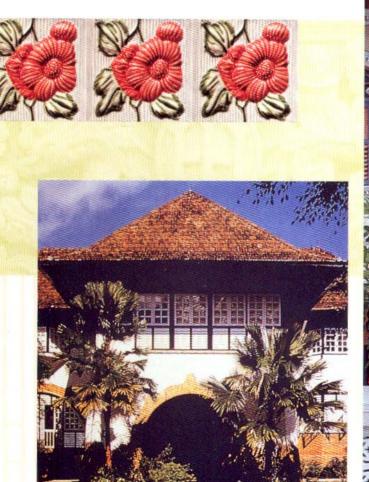
- Rejuvenate ageing housing estates eg Toa Payoh town center
- Upgrade facilities
 like libraries and cinemas
- New Commercial Ctr for office
- New bus interchange

1 Living 聽 Community

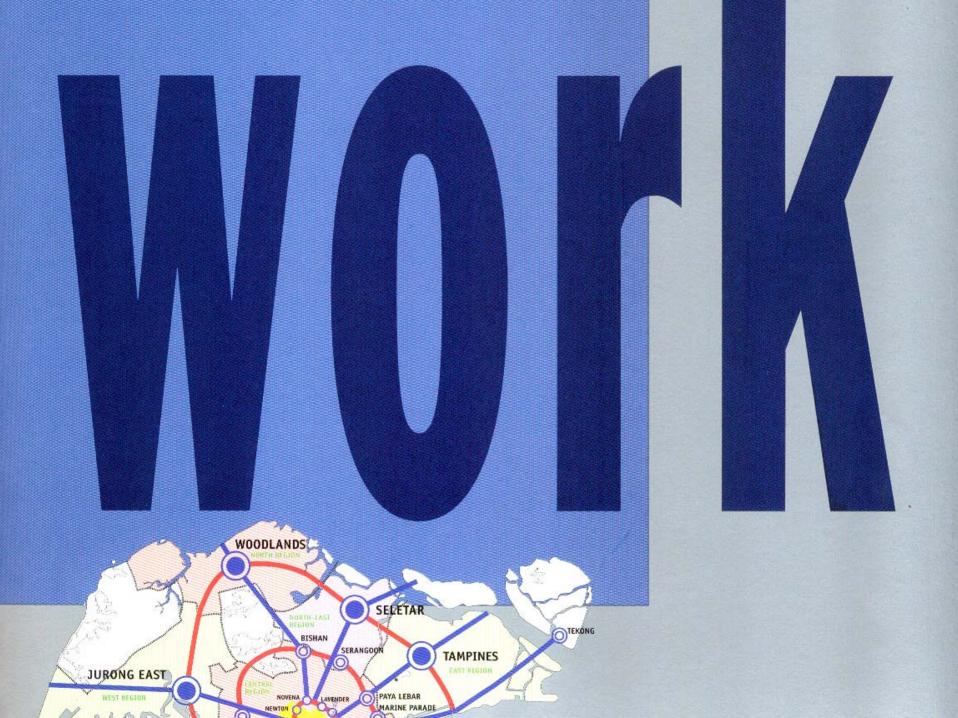
For those who are inspired by history and think that setting up a trendy pad in the confines of a well-restored old building is cool, heritage homes will be your idea of a perfect home.

Buildings with historical and architectural value are given conservation status in Singapore. They include residential, commercial

and civic buildings.







Land Use Planning



Establish new Zonings

Bring jobs closer
 to home

Meet new and expanding businesses

World-Class Transport System

- Public transport system follows
 "Constellation Concept" Areas
 Intense development served by mass transport
- Extend End-to-End
 MRT to serve the entire Island
- Inter-regional rail links connects Downtown to 4 outside Regions
 - Intra-town above ground
- Light Rail Transit such as Bukit Panjang and Sengkang





















Girls - and boys - just want to have fun. Well, at least during the weekends, after slogging it out at work from Monday to Friday. And what's there to do in Singapore?

Here's how one "have-fun-till-you-drop" weekend could be like:

Your Saturday morning gets off to a deliciously sweaty start as you burn those calories off your bums in a cycling adventure that takes you around some of Singapore's inter-connected

In the evening, you chill out by plonking yourself onto the plump seats of a state-ofthe art cineplex in Orchard Road. Then it's off to the waterfront in the New Downtown, where you settle down to a leisurely al fresco meal at your favourite restaurant by the

Still in the mood for some action? Then head for the bright tights of the new Entertainment District at Bugis. There, you spend the rest of the night laughing your head off watching stand-up comedy.

Sunday dawns and you need to shake off the woozy after-effects of all those margaritas you imbibed the night before. Sun and sea, here you come, You pack off to Punggol for a spot of wake-boarding. By evening, your face red and your muscles aching, you tuck into hearty hawker fare at the sprawling food court in your estate, before heading back to your flat and nodding off to bed while surfing channels over cable TV.

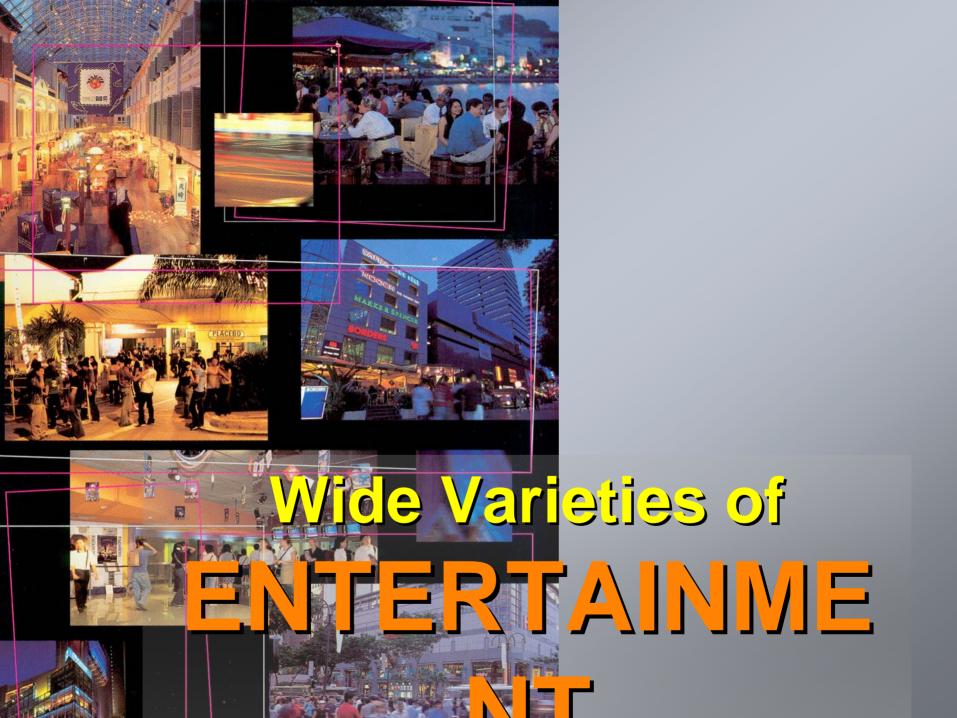
Ahh, the good life.

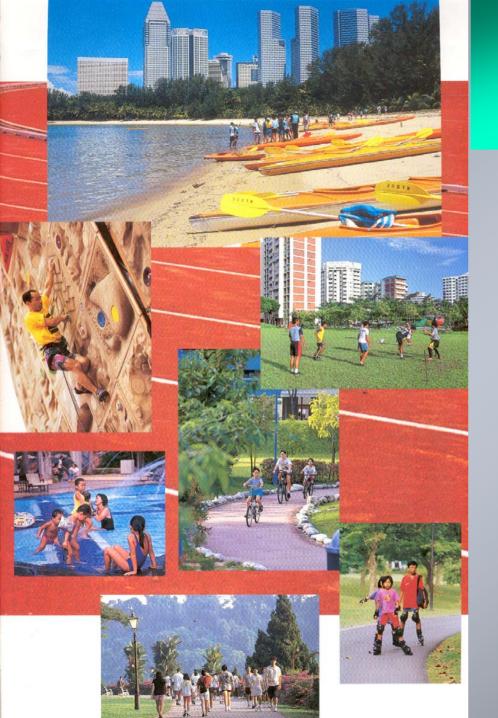
The Concept Plan is the document that details what Singapore will look like in the future, First drawn up in 1971, it was revised in 1991.

While leisure facilities currently abound in Singapore, the 1991 Concept Plan envisages that they will be even more plentiful and accessible in the 21st century.

Providing ample and attractive leisure is important as Singaporeans become more wealthy and well-travelled. Just as they work hard, so too, they will want to play hard. A vibrant leisure scene will also attract foreign talents to settle here and contribute to: the economy.

Ready, set, go - to your play stations, that is. And boy, are there many stops you can make in the 21st century. Take your pick from new beaches to the new Entertainment District at Bugis, from Esplanade: Theatres On The Bay to island hopping. And don't forget food, glorious Singapore food.





Leisure, Sports & Recreation Facilities Aplenty

- Wider range of recreational activities
- Parks connected island-wide: 120km
- Green Space
 1,200 Ha

Weeken Picnic Fun



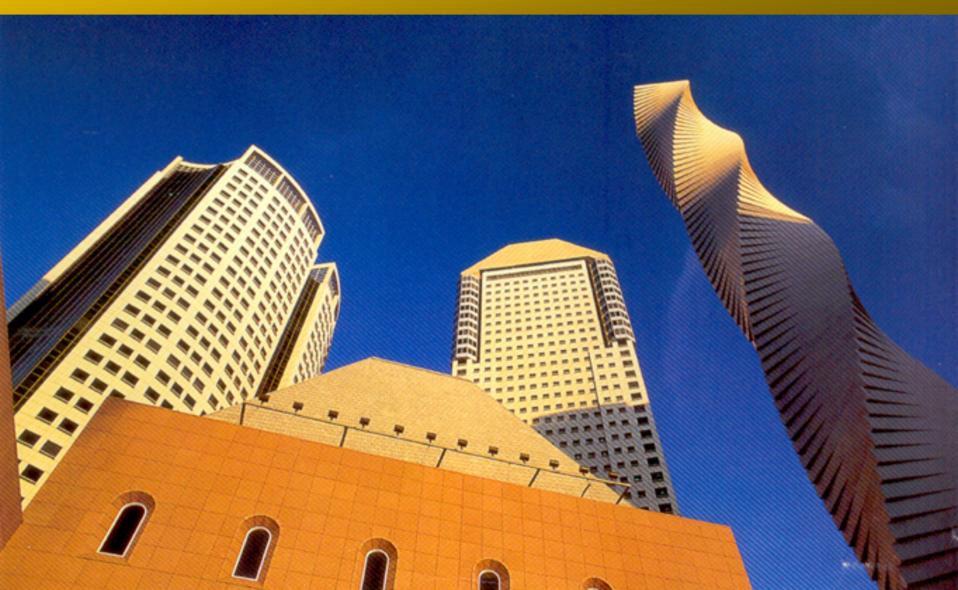
City in a Garden

- Urban Areas Parkways
 Colourful plants & trees form "green verandas"
- Forest Roads
 Create "rainforest" feeling
- Coastal Roads near sea
 Seashore trees on sandy beaches
- Rural Roads thro' countryside
 Fruit trees reminiscent of old kampong days
- Gateway Dramatic Entry Points
 Formal, arrangements of plants



REMAKING OF SINGAPORE

Hardwares





- Property Market Info
 URA Supply & Demand Listing
 for Housing Developments
- Injecting Supply
 HDB & Land sale programs
 through URA & JTC
- HDB

Since 1960s, successfully completed 960,798 units

84% of population living in HDB dwellings

Regulating Property Market



However the Demand for HDB flats decreased sharply, which construction continued . . .

	No of Units/yr
Supply	10,000 – 23,000 units
Demand	9,000 – 13,000 units
Excess	1,000 – 10,000 units

OVER BUILDING Excessing ant



SOLUTION

- HDB sold vacant units to private developers
- Redesign & rebuild flats
- Overwhelming Response



Strata-Title Act AMENDMENTS

Leads to En-Bloc Sale Fever

Enhancement Value

> 30%-50% higher than their valuation prices

 RENEWAL of urbanscape

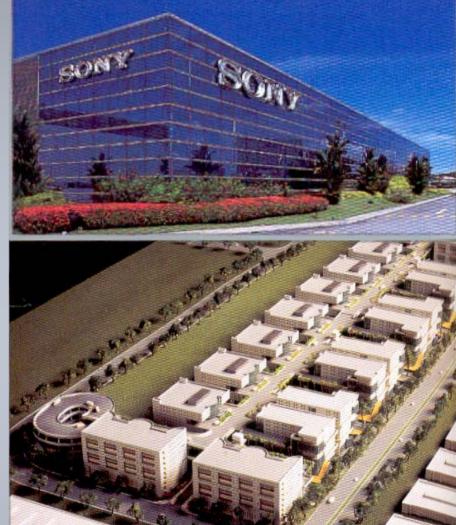
En-Bloc Sale Phenomena

PHASE OUT Low Value Industries

Labour intensive industries

ATTRACT High Value Industries

- Strong Infrastructure
- Efficient transport network
- Contributes to GDP growth
- Growth of Biomedical Sciences
 9.8%, \$18 billion output



New Business Parks

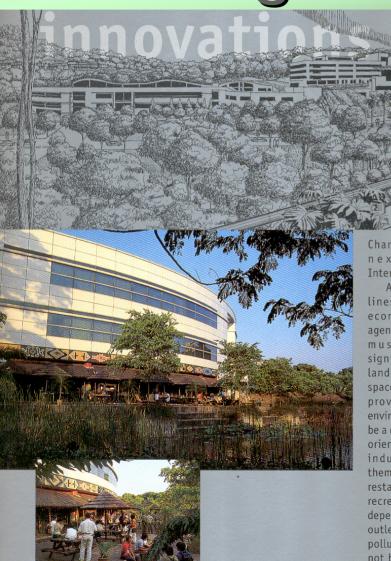
Biopolis at ONE NORTH



- World Class R&D Hub
 Developed by JTC, \$500 million
- 7-building complex linked by sky bridges
- 185,000 m2
- Research Institutes
 A*STAR & Norvartis

New Business Parks

High-Tech Corridors



Changi Business Park next to Changi International Airport.

According to guidelines drawn up with economic promotion agencies, business parks must set aside a significant amount of land devoted to open spaces. They must also provide a first-class environment which would be a draw for technologyoriented businesses and industries. Many of them have facilities like restaurants, banks and recreational areas. Independent offices, retail outlets, warehouses and polluting activities will not be allowed in these techno-parks.

- Business Parks & Science habitats
- High-quality housing nearby to attract top international talent

Lavish Gardens

Amidst Urban Landscape

Sky-rise greenery

closer to individual homes

Revamp Waterfront Parks

- First Cable Ski Park
 Ski 360 at East Coast Lagoon
- Water Sports

Parks & Leisure Development

Revised Facade Articulation & Party Wall Developments

- Interesting & varied building frontages
- Continuous covered pedestrian walkway

Lighting Incentive Scheme

- Appealing night appearance & activities
- Tourism & attracts investments

Encourage Skyrise Greenery

- Exceed allowable GFA of balconies
- Lush verdant gardens in urban landscape





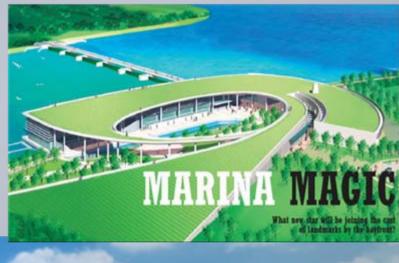
URA GFA Incentive Program

B B Q

A DAM to be built across MARINA CHANNEL

3 main benefits:

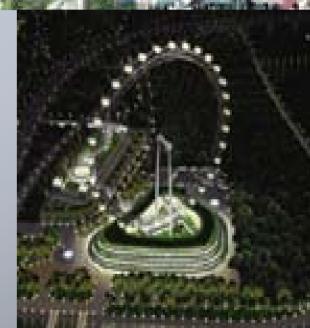
- Water Supply
 Fresh Water Reservoir
- Flood Control
- Lifestyle Attraction
 Wake boarding, skiing







- 178m tall flyover
- To be completed in 2008
- Malaysia & Indonesia visible to riders on a clear day



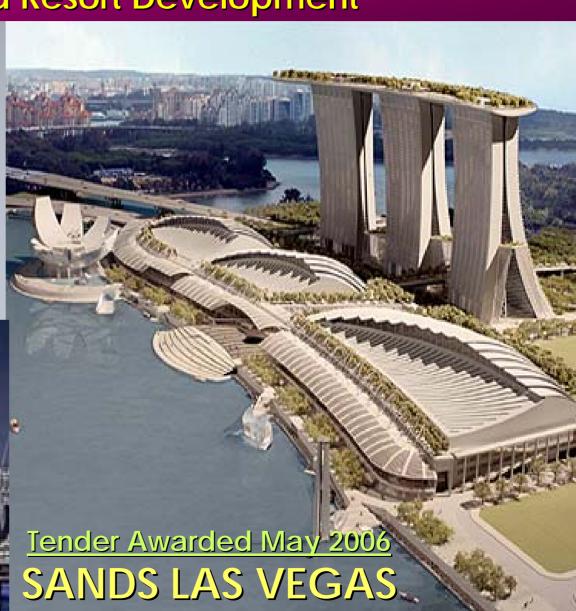
Ferry Wheel TOURIST ATTRACTION

MARINA BAY

Integrated Resort Development

- S\$5.0 Billion Investment
 S\$2.7 Billion GDP
- Target: MICE visitors
- 30,000 jobs
- 12.2 Ha site
- 110,000m2 GFA







SENTOSA

Integrated Resort Development



Family-friendly Resort

Theme parks, resort hotels, restaurants, shops

- S\$3.0 Billion Investment
- 47 Ha site

Occupies less than 5%

CASINO

of total area

The BIG question?

Branding Efforts Singapore: 699.1 km2

- Sau Paulo Int'l Biennial Architecture & Design
- "Living in the City" themed Singapore
- Multi-media presentation
- Singapore Story
 Constraints of a small island, to meet the needs of a nation





A+UD Promotion Program

- Encourage archi & urban design activities
- FUNDS researches, publications & exhibitions
- SPONSOR
 50% of expenditure for activities

Cultural Diversity



Integral part of urban design
In 1989, Conservation
Plan was drawn up

- Different Nationalities
- Religious Harmony



The Wonderful Years













A City of Many Faces

