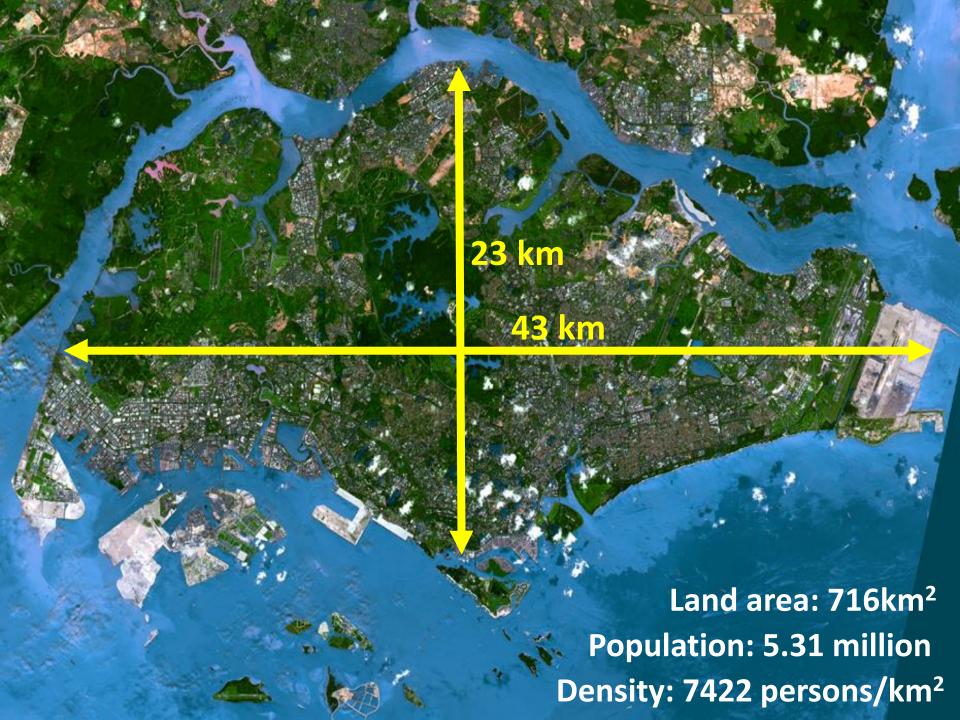
An Insight to Singapore's

INTEGRATED MASTER PLANNING

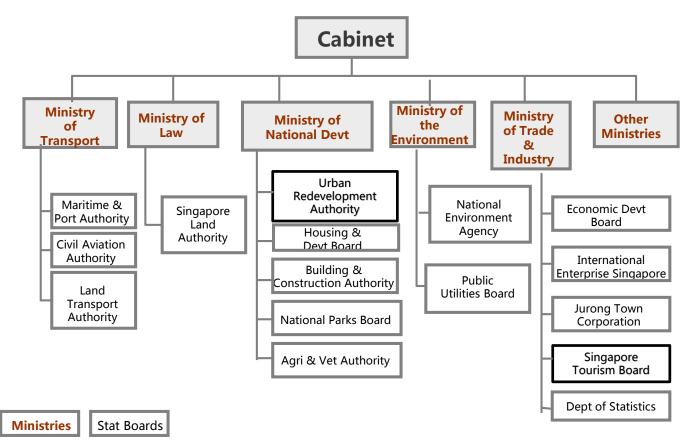
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Wong Kai Yeng Centre for Liveable Cities Singapore

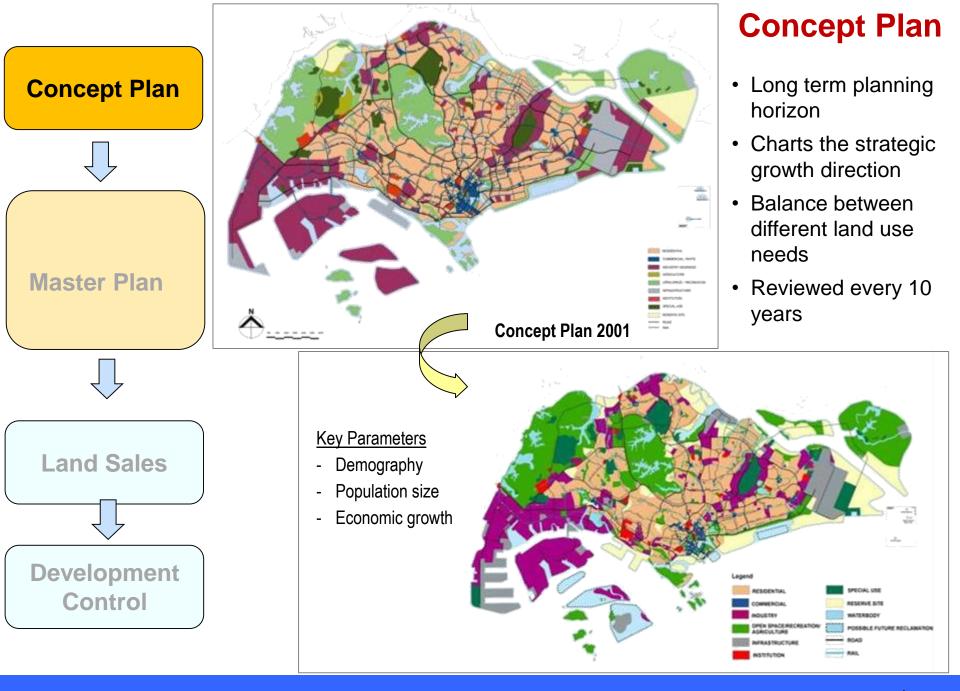
12 Dec 2013



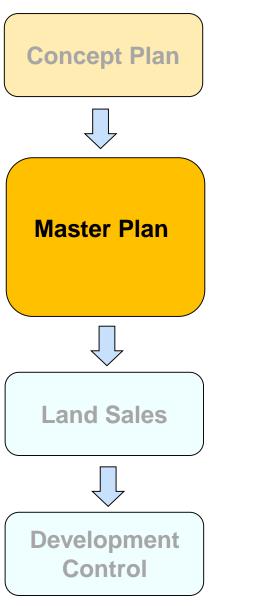
SINGAPORE GOVERNMENT STRUCTURE



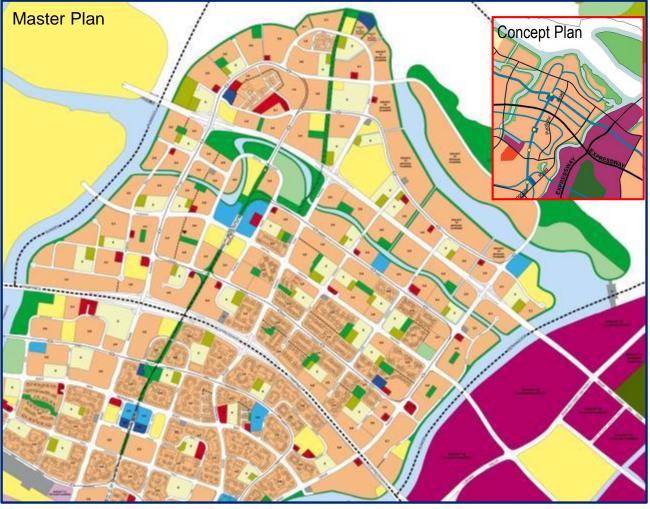
The Planning Process



Master Plan



- Statutory land use plan
- Guides development on each plot of land
- Reviewed every 5 years



Reading the Master Plan





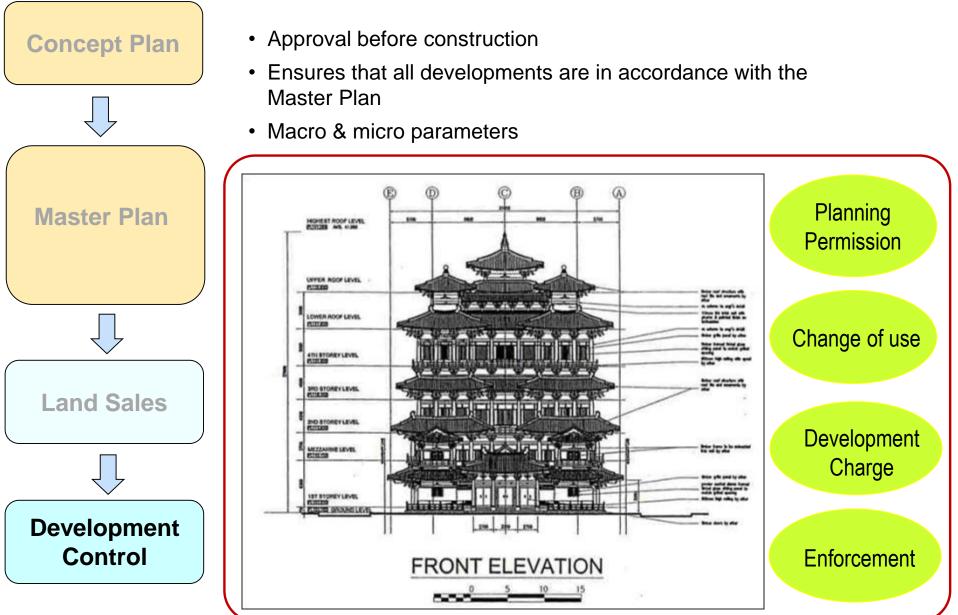
Government Land Sales



NM BULDNO

THE

Development Control



Engaging the Public

- At each step of the planning process
- Why do we engage?
 - Informing them of plans
 - Getting ideas & feedback
 - Getting public buy-in
 - Participating in plan development
- Who to engage?
- How to engage?
 - Which platform to use
 - What do we engage them on



Our Constraints

CITY-STATE

Competing land uses

Height constraints

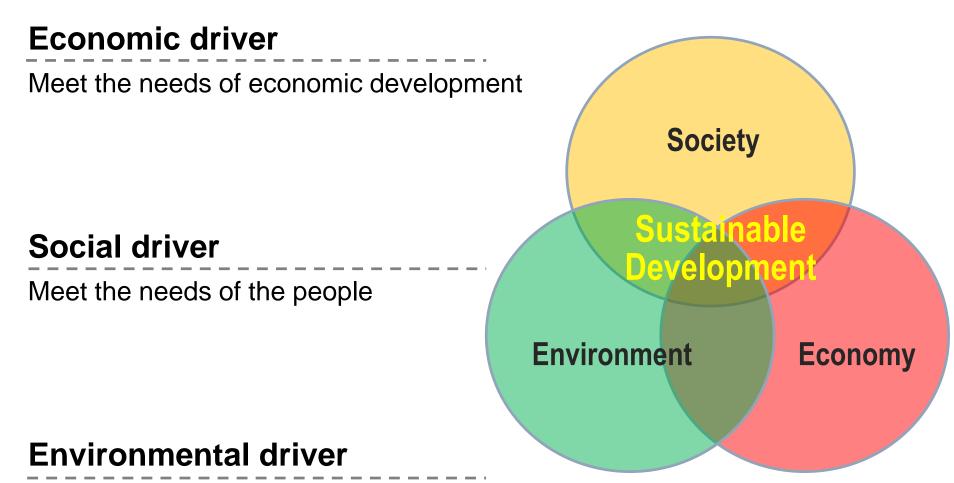
Land needed for national purposes

No hinterland

No natural resources

Limited land area

Planning for Sustainability



Provide & maintain a high quality environment

Planning for a Compact & Liveable City



- Compact development model
- Integration between land use & transport planning
- High density yet liveable



A Compact and Transit-Oriented City



Amenities Close to Housing

THE CAPE CANT

Schools within walking distance to homes

Integrated Land Use and Transport Planning

- Planning for land use and transport networks done together
- Emphasis on public transport especially MRT/Metro

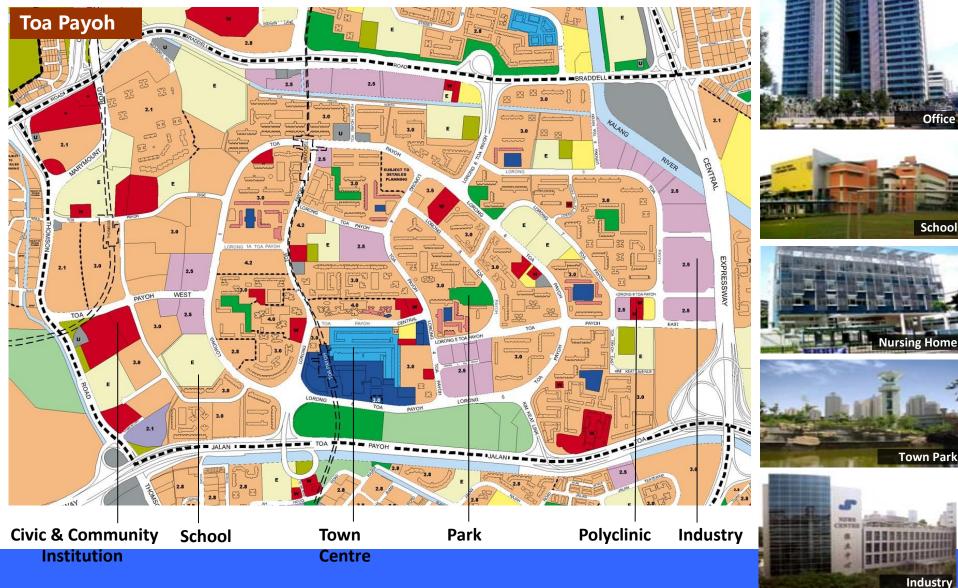


Tampines Regional Centre in the east



Good Quality Living Environment

463ha; 102,100 population



Planning for a Good Quality Living Environment

Swimming Complex

 Public amenities: schools, parks, clinics, library, shops, markets, etc.





Town Centre with Shops, Library, Markets

Planning for Inclusivity



- Meeting the needs of the people
- More than building houses; building of communities
- Policies to complement land use plans

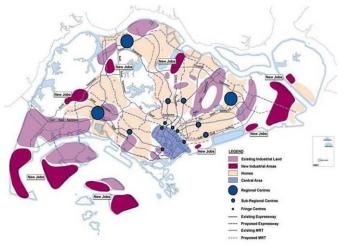




Economic Development



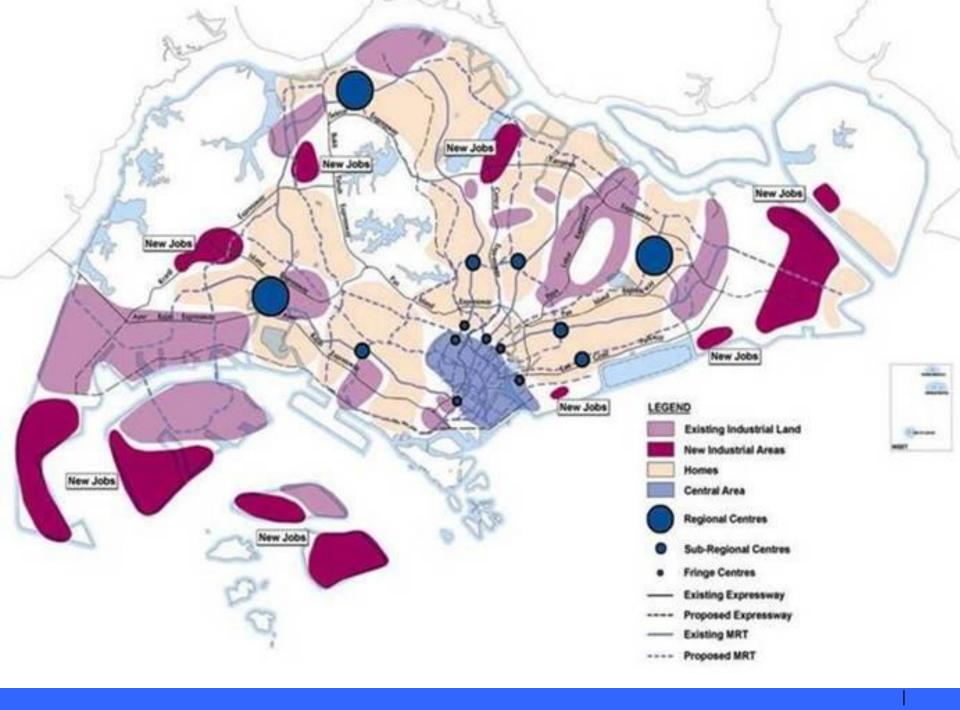












Creating a Vibrant City Centre to Support Growth

Seamless extension of the existing CBD









Planning for a Green Environment

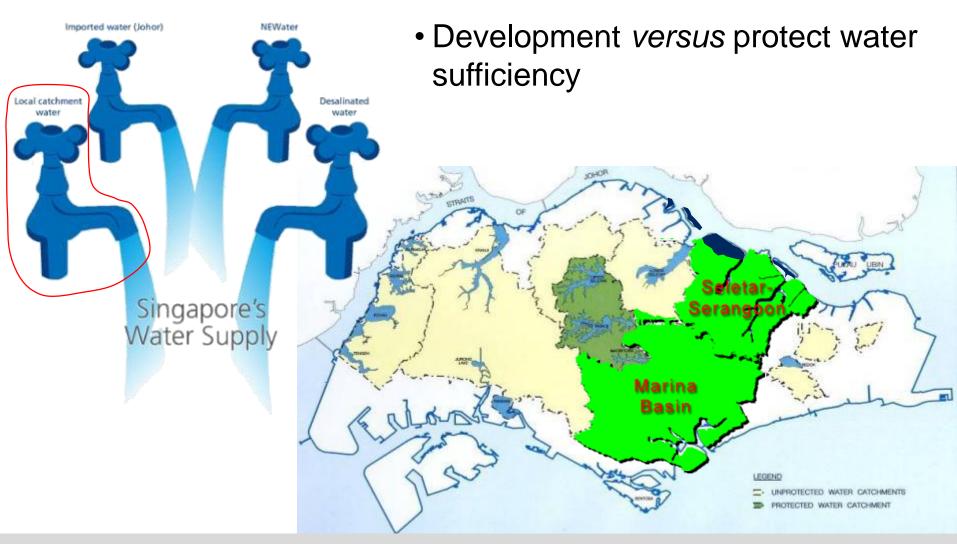
BCA's Green Mark Scheme

- Encouraging environmentally friendly developments
- URA's policy on bonus GFA
- Legislation for higher Green Mark standard for GLS sites in strategic areas





Drinking Water Supply



➔ Need for creative solutions, tapping on technology

Green & Blue Connectors

- Transforming into a City of Gardens and Water
- Contentious issues: land take, public safety, maintenance





- ➔ Need for close inter-agency collaboration
- ➔ Working towards a common objective

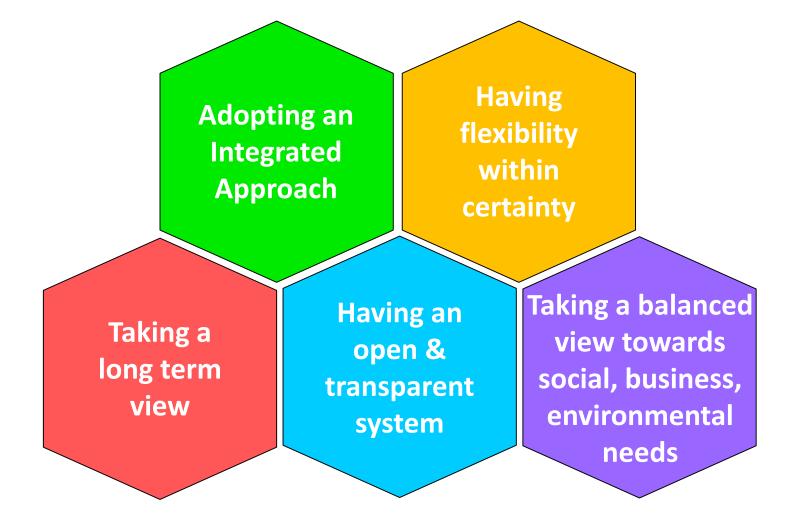


Singapore: A City-State

Balancing different land use needs



Key Planning Principles



Enabling Factors



Some challenges ahead

