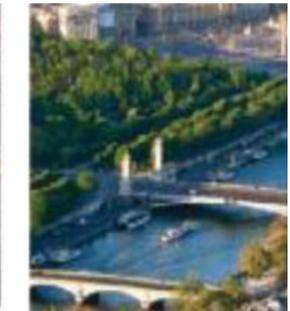
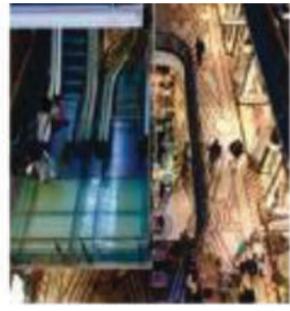




# Post-Pandemic Green Cities

Tai Lee Siang

Executive Director, Building Construction Authority Singapore



# CITIES OF *love*

Roadmap for Sustaining Future Cities

Earth's environmental problems are far from being resolved. A large part of these are due to ever-growing cities. Despite more efforts are made to improve cities, it has been difficult to change them. One of the fundamental reasons is that people are not motivated to help change their cities. Apathy is now the number one obstacle to positive change. However, there is hope and Love is the antidote.

What you love, you will sustain. *Cities of Love* aims to urge, persuade and provoke fellow residents of our earth to collectively shape the cities we live in. To achieve this, her residents must again uncover the reasons to love and therefore sustain their cities. To this end, *Cities of Love* tries to identify the ingredients that could possibly be the reasons for such active love. When a city is filled by the people who love their cities, then we can have a greater chance of advancing towards a better tomorrow. Love is a mighty force to be reckoned with.

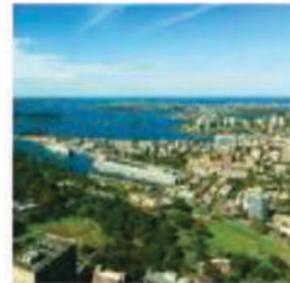


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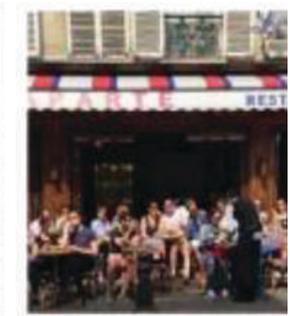
# CITIES OF *love*

Roadmap for Sustaining Future Cities

TAI Lee Siang Valerie ANG



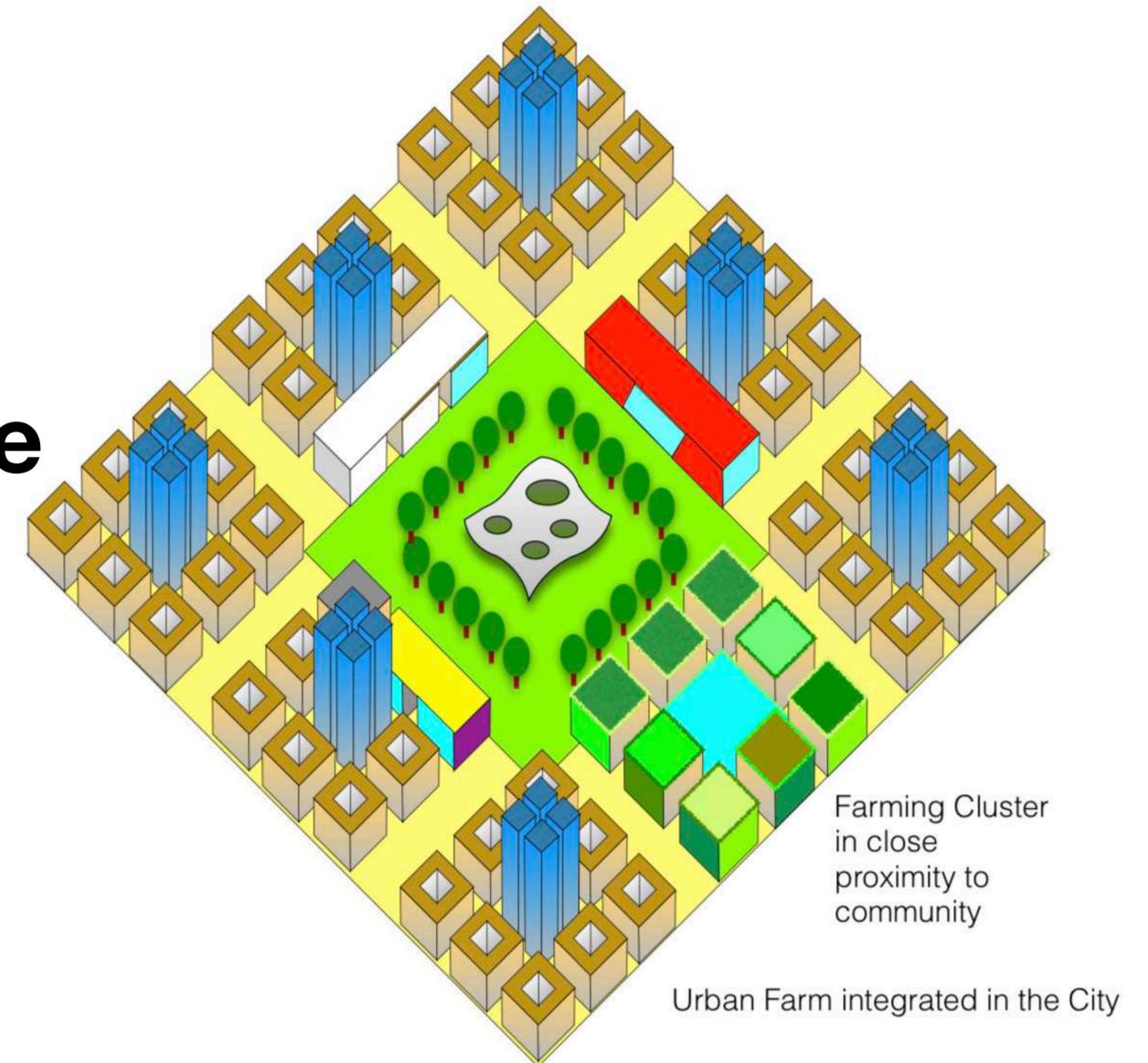
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# Cities of Love

**3 years ago, we advocated the importance to create more humane and loveable cities -**

Cities that are sustainable, caring, family-oriented, innovative, digitalised, respectful...



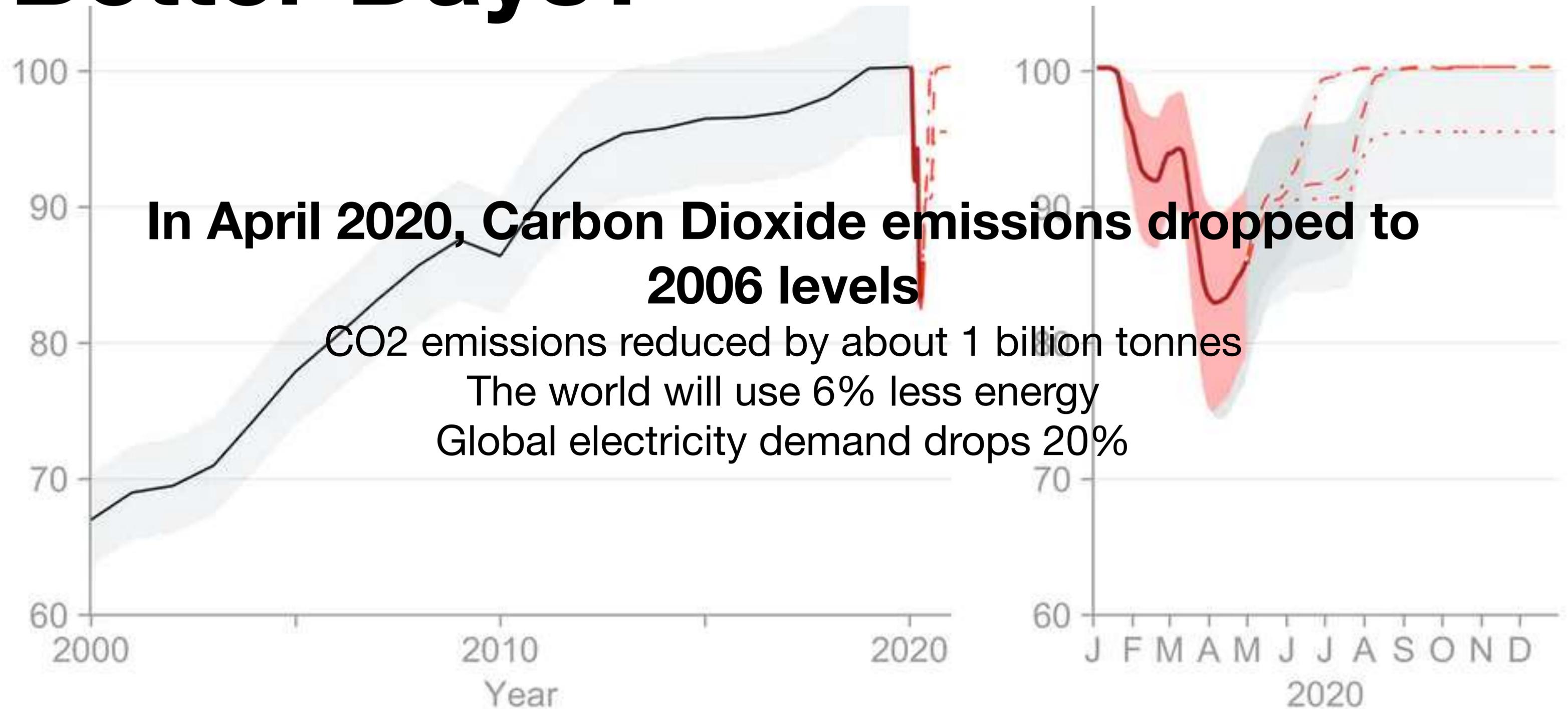
# Cities

An aerial photograph of a city skyline at sunset. The sun is low on the horizon, casting a golden glow over the buildings and the sky. In the foreground, a complex multi-level highway interchange with several overpasses and ramps is visible. The city buildings are densely packed, and the overall scene is a mix of urban infrastructure and natural light.

**The weaknesses of cities were badly exposed during Covid-19 Pandemic.**

Excessive density  
Inefficient land use  
Unproductive commute

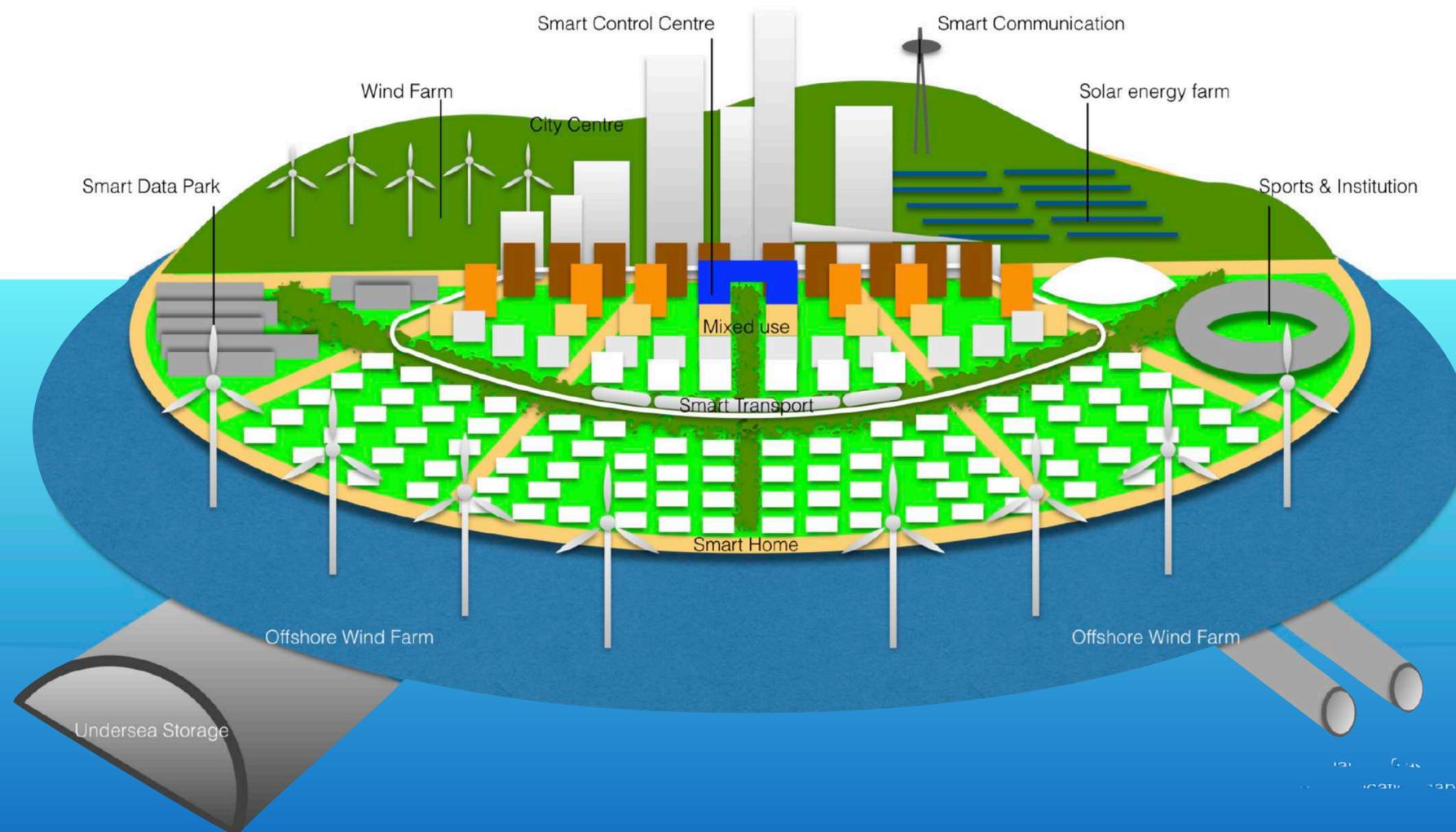
# Better Days?



# New Normal

## The new normal cities must:

1. Be Self-sustaining
2. Have new live-work-play paradigm
3. Rethink standards



# Self-sustaining City

**Energy**



## Advancing Net Zero

To be self-sustaining, cities must start to adopt net zero energy policies and buildings. Re-examine the need for super high rise to reduce energy consumption.

# Self-sustaining City

**Food**

## Urban vertical farming

Cities cannot survive without food. Traditionally, planning of cities is divorced from agriculture. In the future, this can no longer be the case.



# New live-work-play

**Live**



## **Cities to invest in quality housing**

Affordable and quality housing provides a roof over the heads of citizens. This ensure that citizens can sustain themselves during pandemic.

# New live-work-play

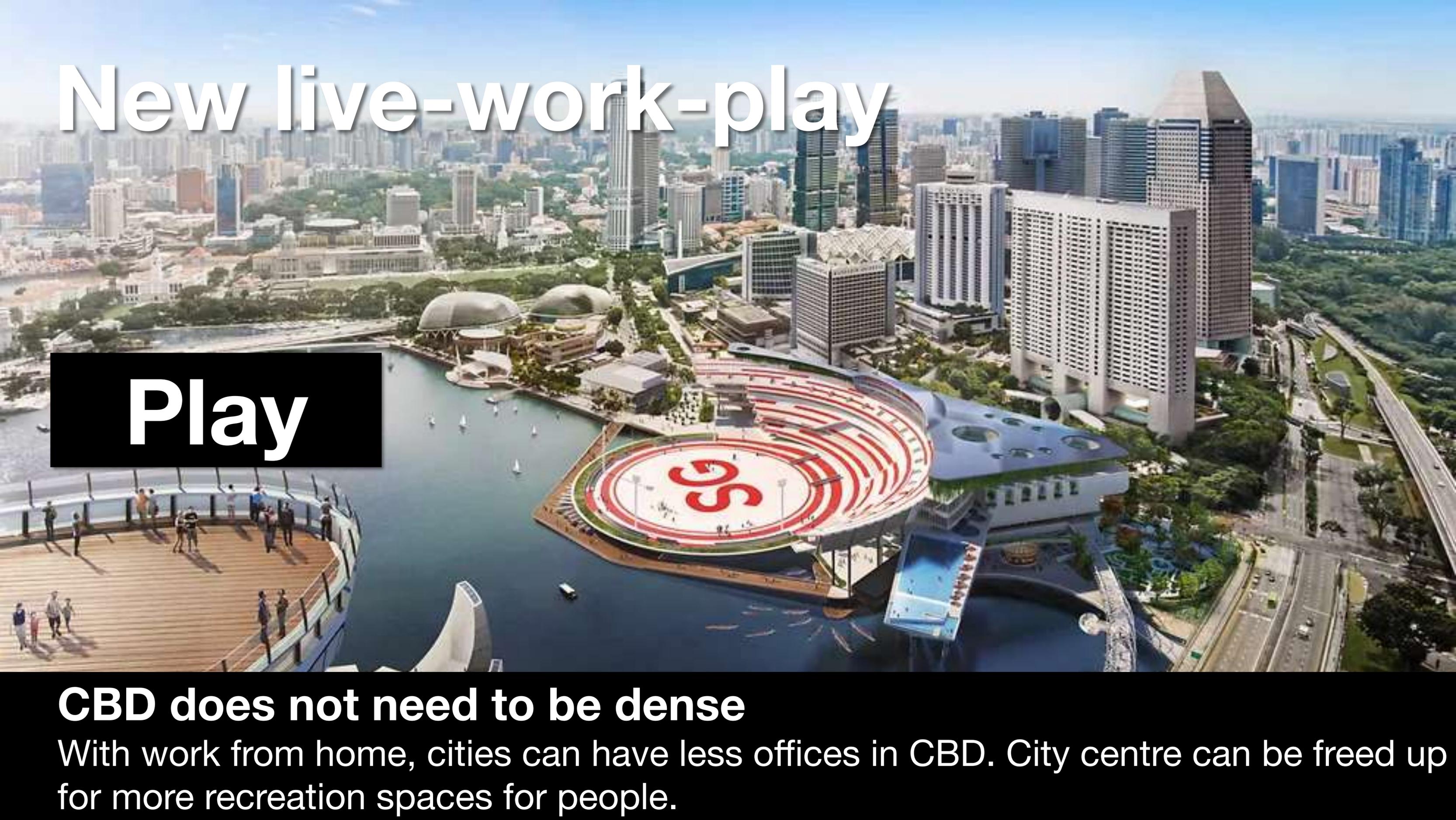


**Work**

## Everything centres on home

With Covid-19, people are forced to live, work and play at home. It created opportunities as well as challenges. Homes become the most important space.

# New live-work-play

An aerial photograph of a city, likely Singapore, showing a mix of modern high-rise buildings and green spaces. In the foreground, there is a large, curved recreational area with a red and white striped pattern and a large red 'S' logo. A wooden deck with people is visible on the left, and a body of water with small boats is in the center. The background shows a dense urban landscape with many skyscrapers under a clear blue sky.

**Play**

**CBD does not need to be dense**

With work from home, cities can have less offices in CBD. City centre can be freed up for more recreation spaces for people.



# Rethink Standards

## Multi-use

### Integrated use typology

Like single-use plastics, buildings tend to be mono-use due to planning rules. This results in lack of efficiency and inconvenience.



# Rethink Standards

**Less roads**

**Less travel, more sustainable**

Most cities value roads for cars higher than pedestrians. With working from home, less roads will be required for commuting between homes and work.

# Rethink Standards



## More Green

### **Minimum green space**

Cities can no longer be a concentration of buildings. Cities must be a safe haven and shelter in times of crisis. There must be a minimum standard of provision per person.

# Cities of Love



## **What we love we will sustain**

A sustainable city must be a loveable one. We have to think of the long term relationship between the city and its people. They must love each other. It takes a pandemic to learn, lets learn our lessons.

A vibrant green park scene with a large, detailed sculpture of a bird perched on a rock in the center. In the background, the Marina Bay Sands hotel is visible through the trees. The foreground is a grassy area with several large tortoises resting on it. A person is seen taking a photo on the left side of the frame.

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