



Tropical Cities for the Ecological Age

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China's urbanisation program has brought more people out of poverty than any time in human history: India's urbanisation could surpass this

*Rapid urbanization can degrade the environment
– affecting fresh water supplies, clean air and health*

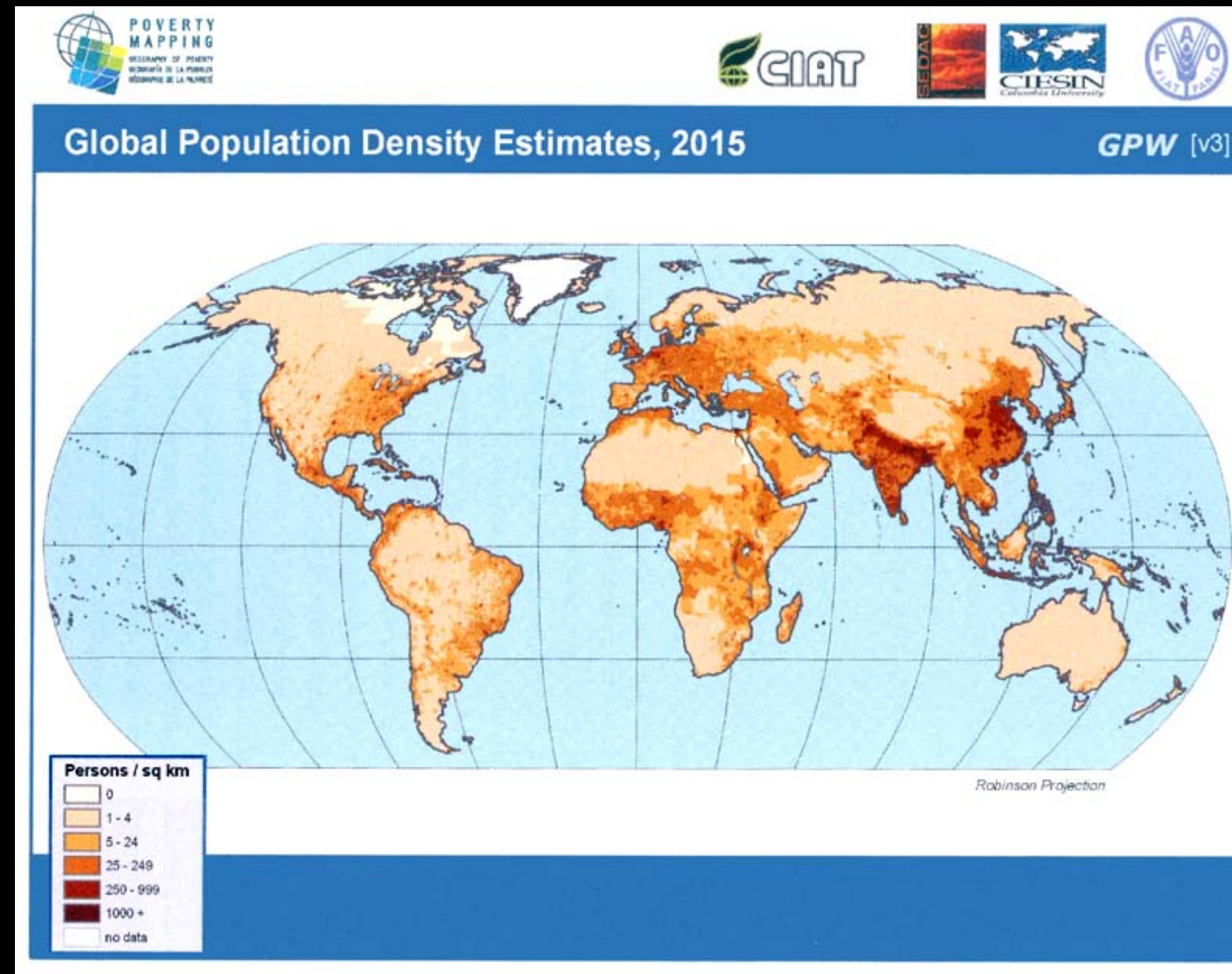
India's rapid urbanisation is globally significant:
opportunity to DESIGN the best cities in the
world - sustainable, healthy and liveable



Population and economic growth globally is focussed in the tropics and subtropics

40% of the world's population live in the tropics. By 2050, it will be over 50%

This is where we can create
Cities for the Ecological Age





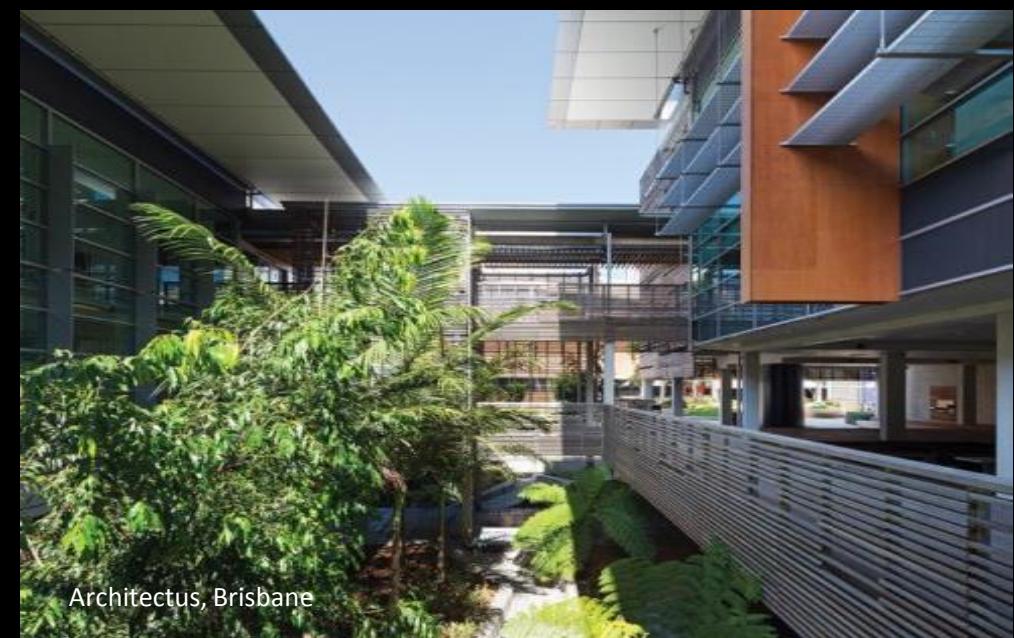
Architectus, Brisbane



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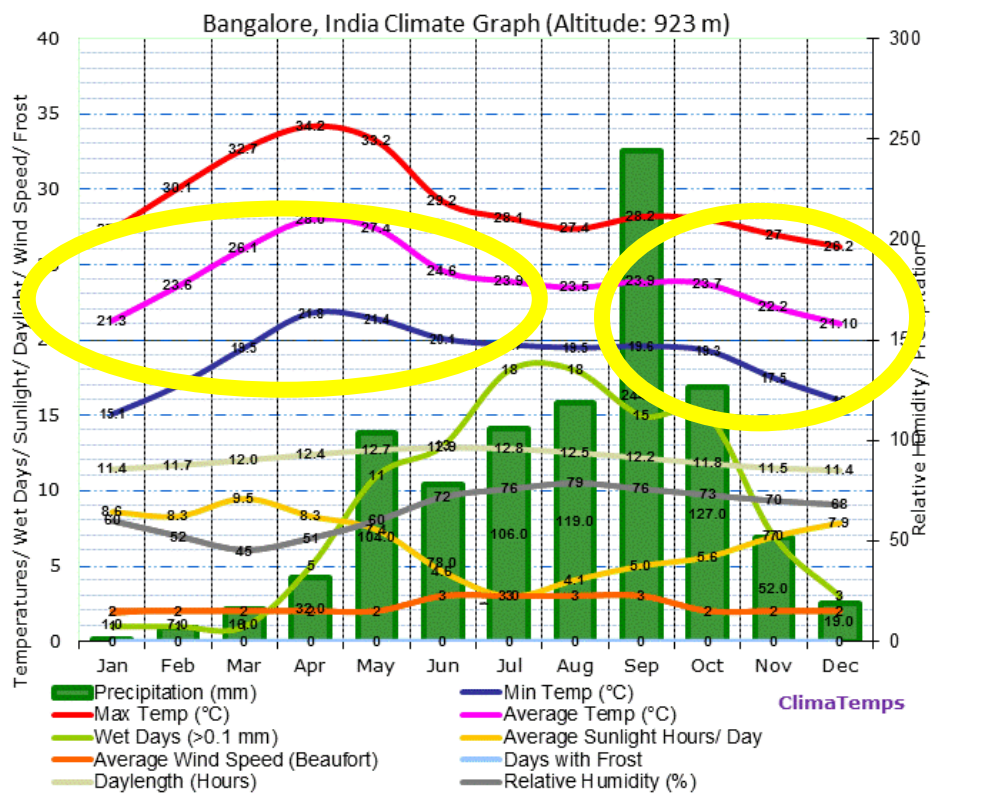
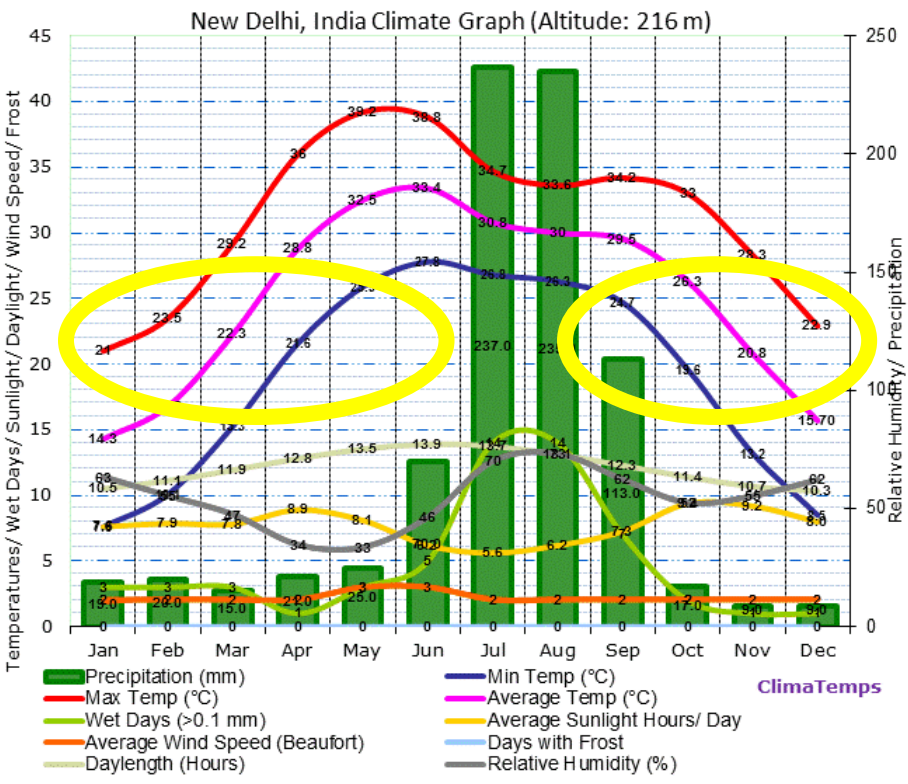
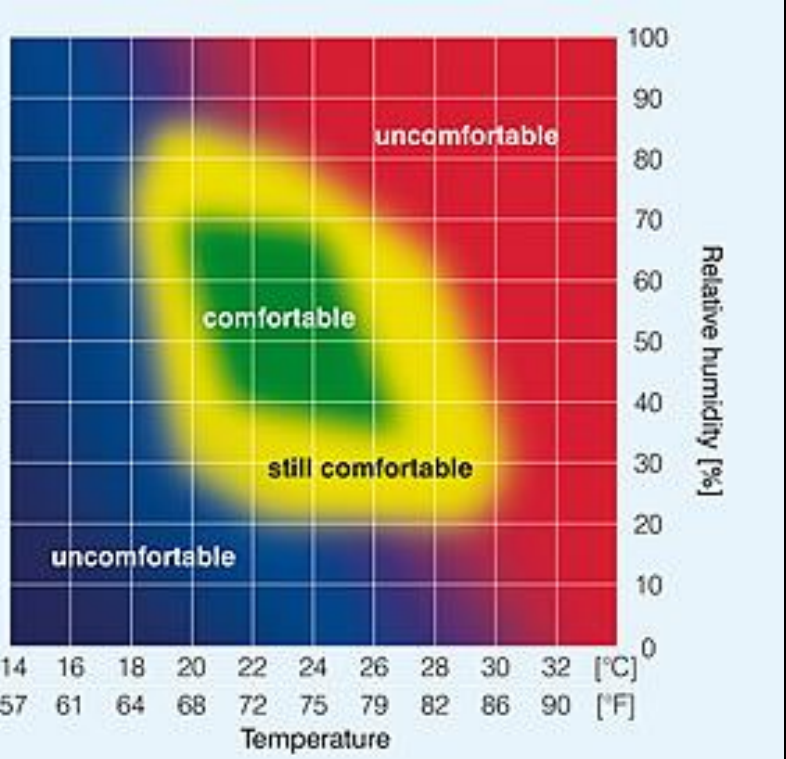
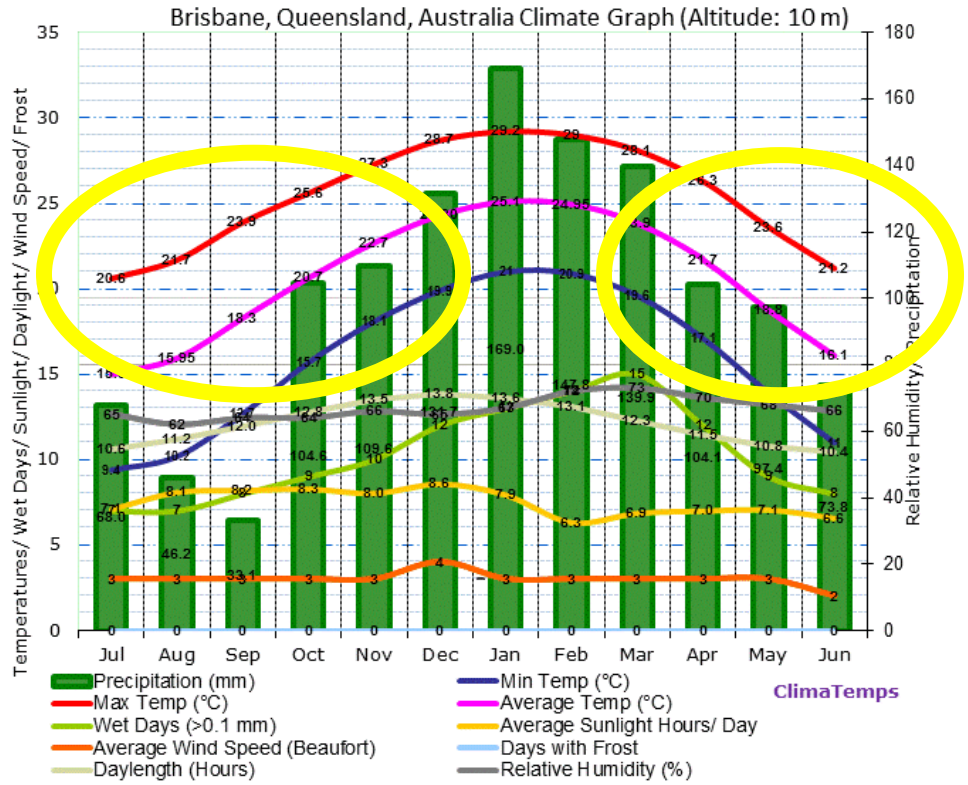
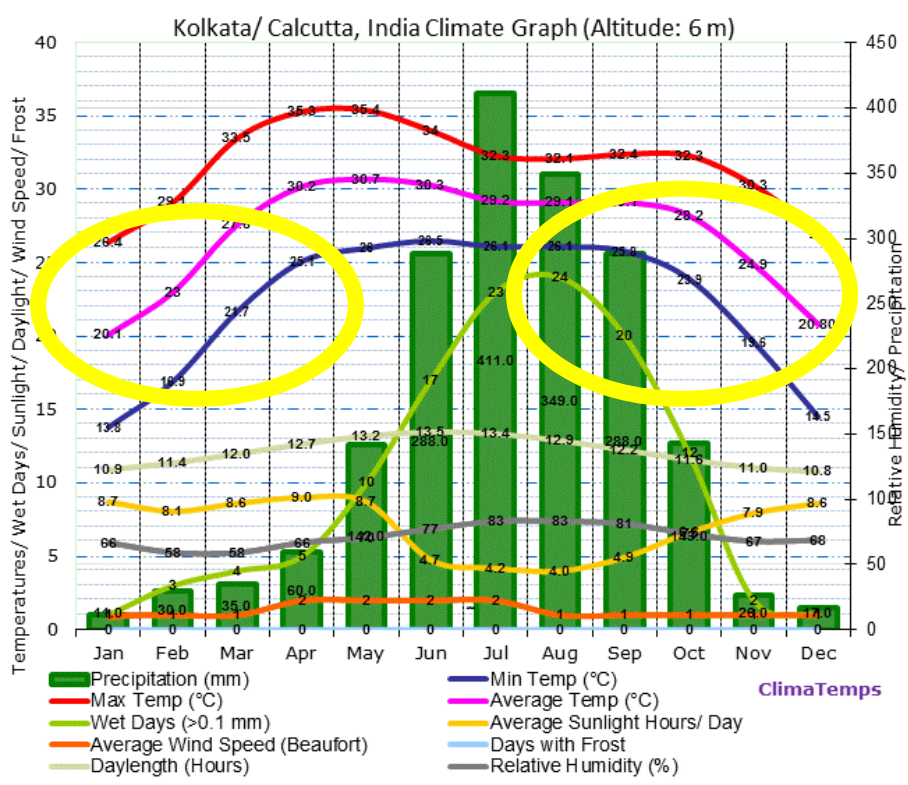
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Tropics and subtropics have ideal preconditions to make sustainable cities: CLIMATE WATER VEGETATION

Human comfort 'zones' Mumbai, Brisbane, Delhi, Bangalore





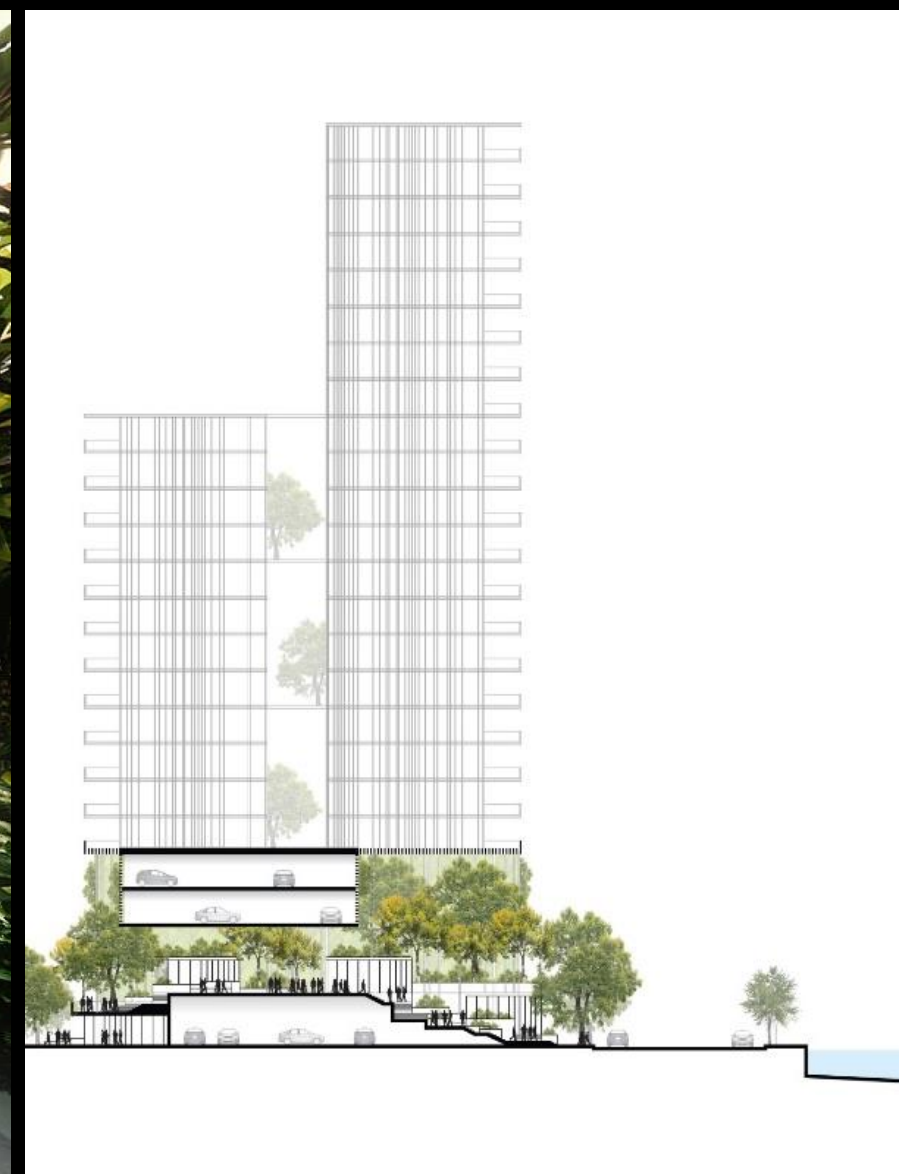
Vegetation can grow profusely in tropical and subtropical climates; coolness, ecology, water, air, human health



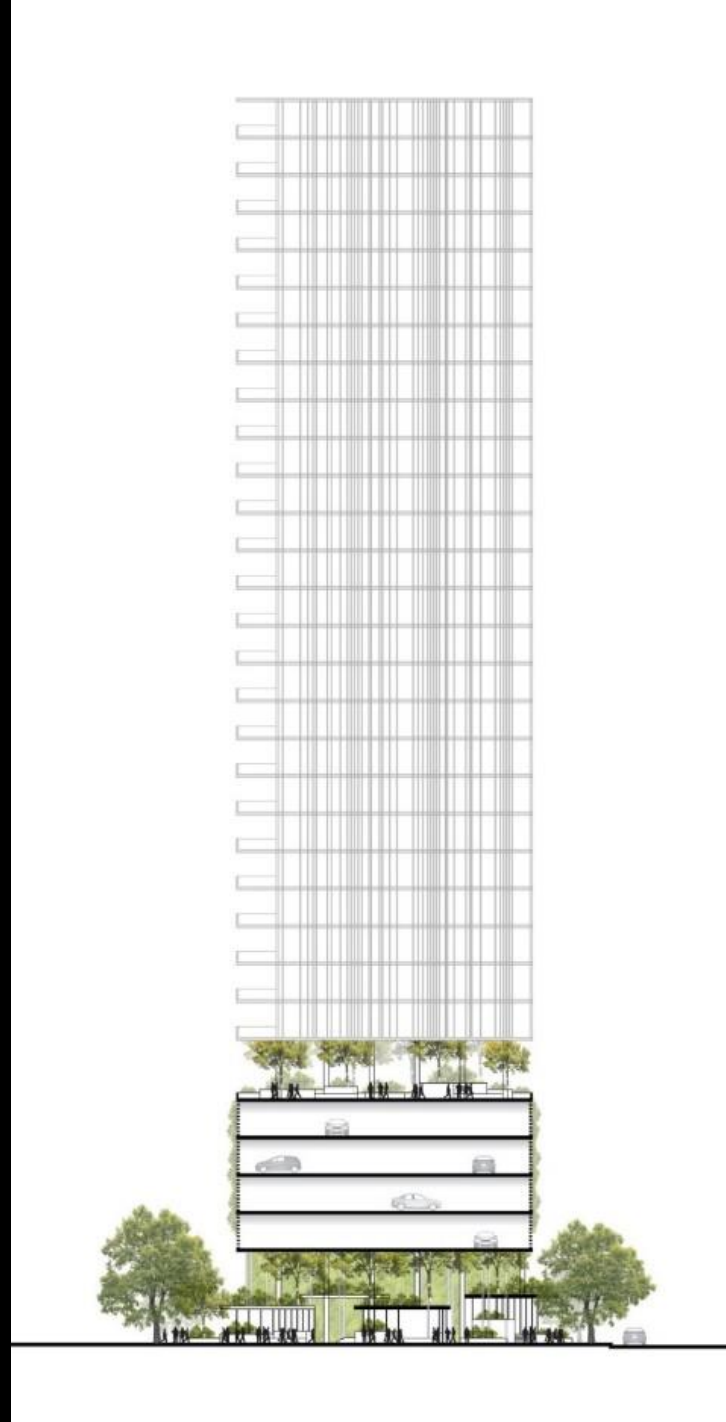
Valuable water resource - tropical and subtropical rains



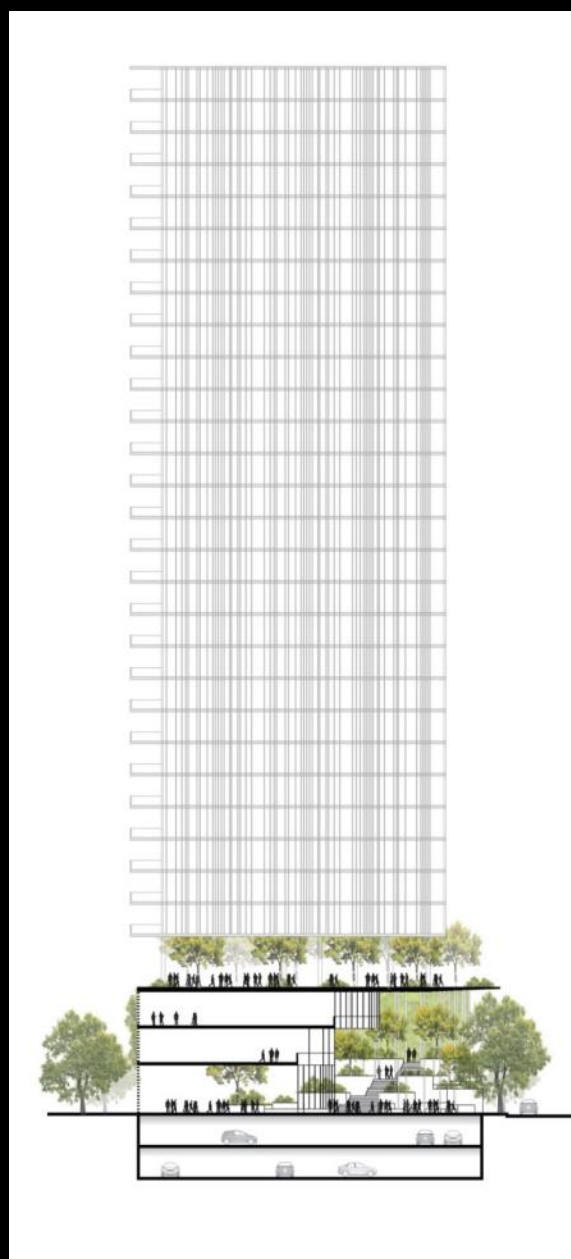
In the tropics and subtropics it makes more sense to create linear neighbourhoods organised around transport and ecological/water and landscape corridors



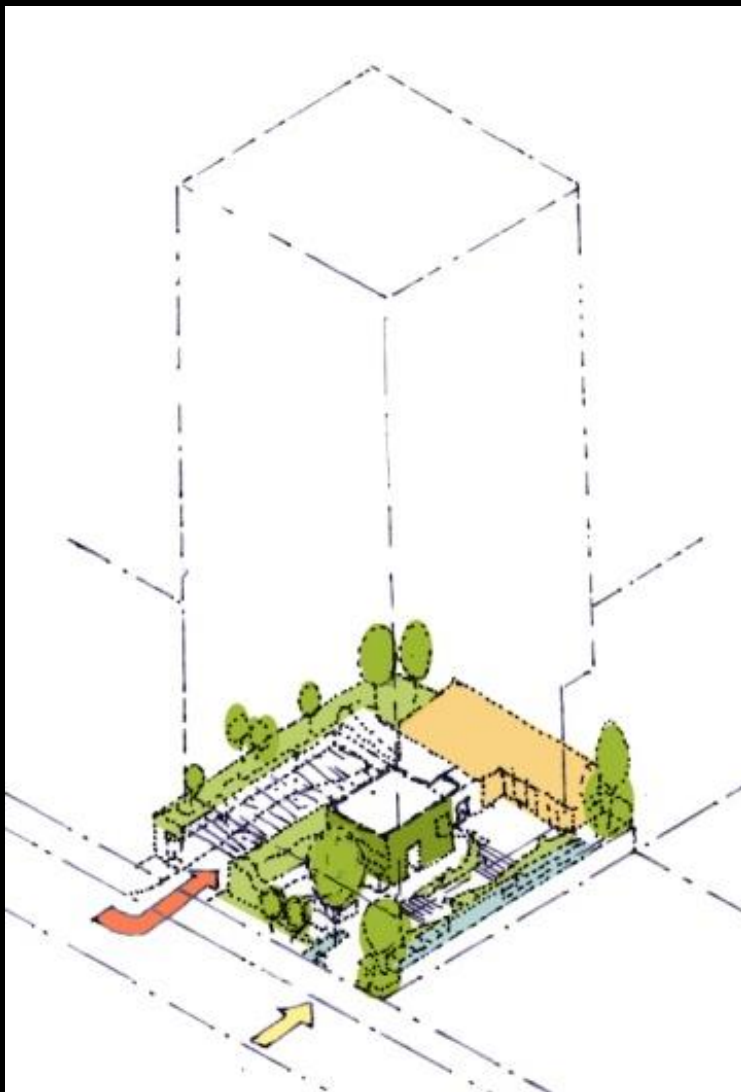
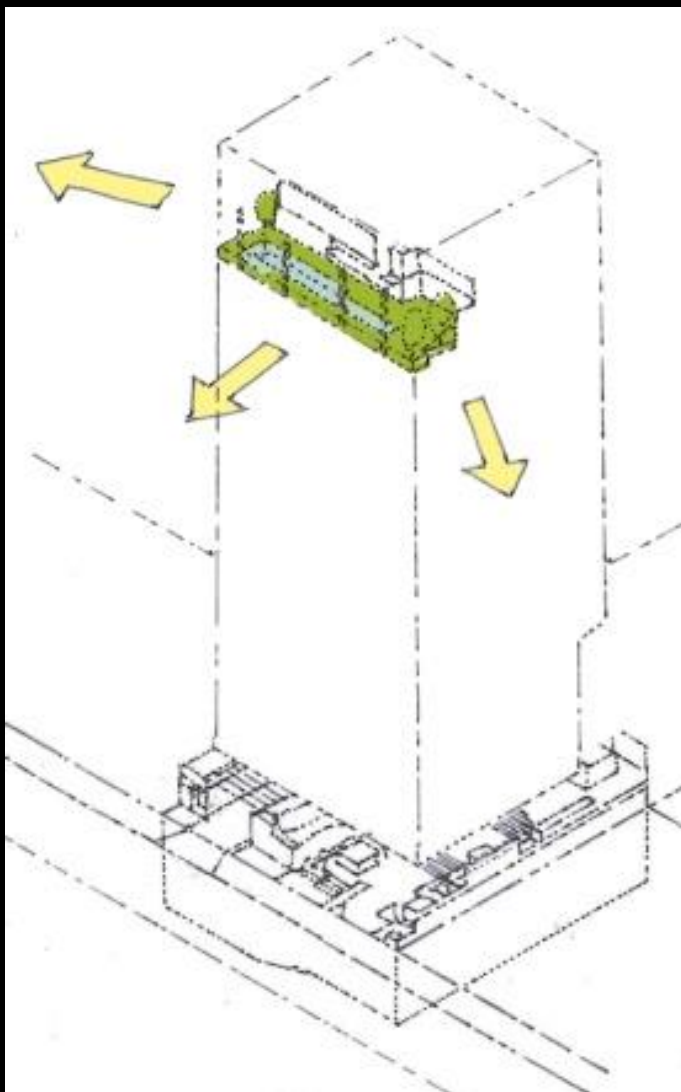
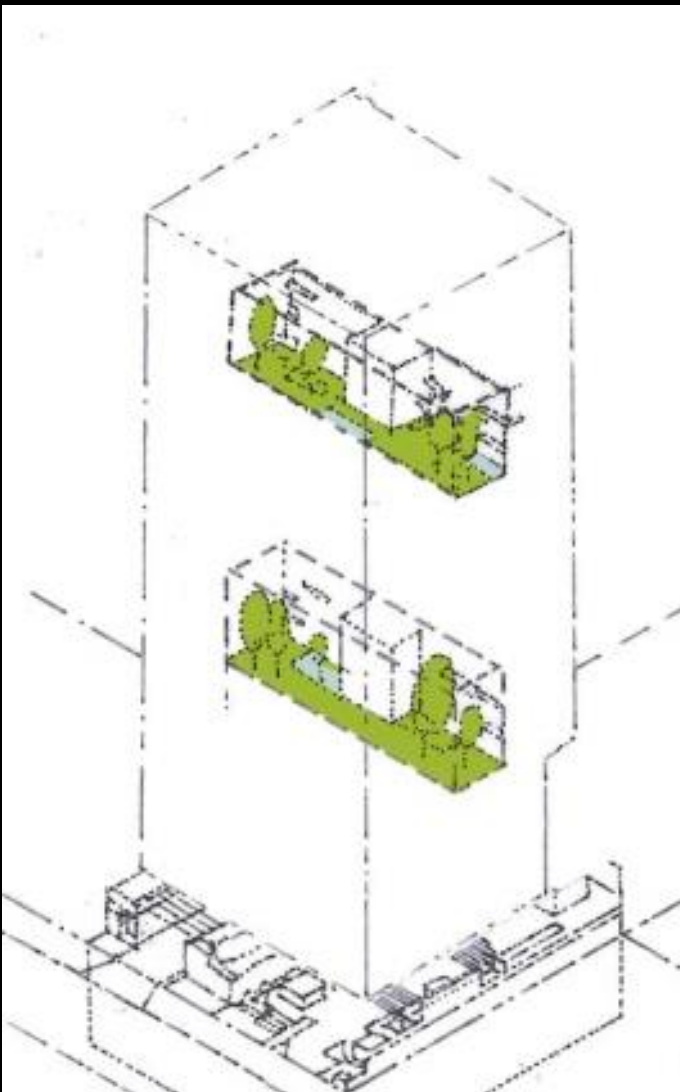
The green stepped terrace garden – filtering water, catching breezes



The raised podium - reservoirs of cool air not heat islands - passages for cross ventilation – low energy design



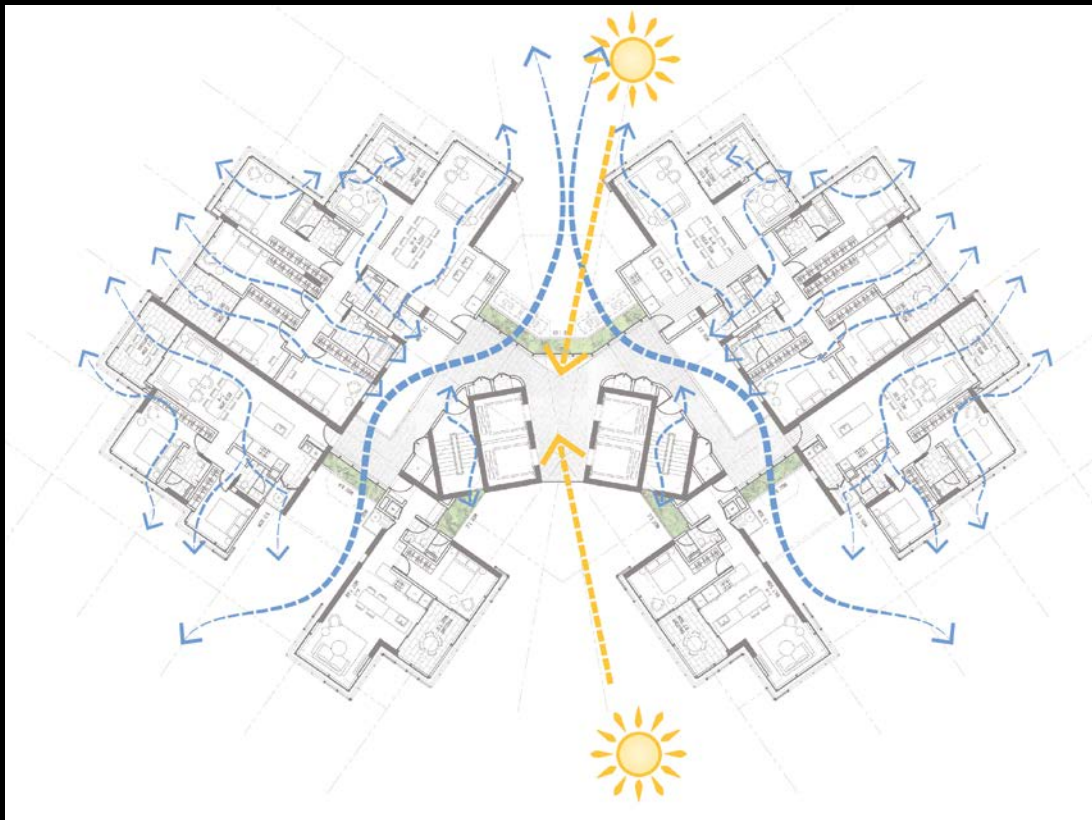
Cool green spaces within the edge of the podium



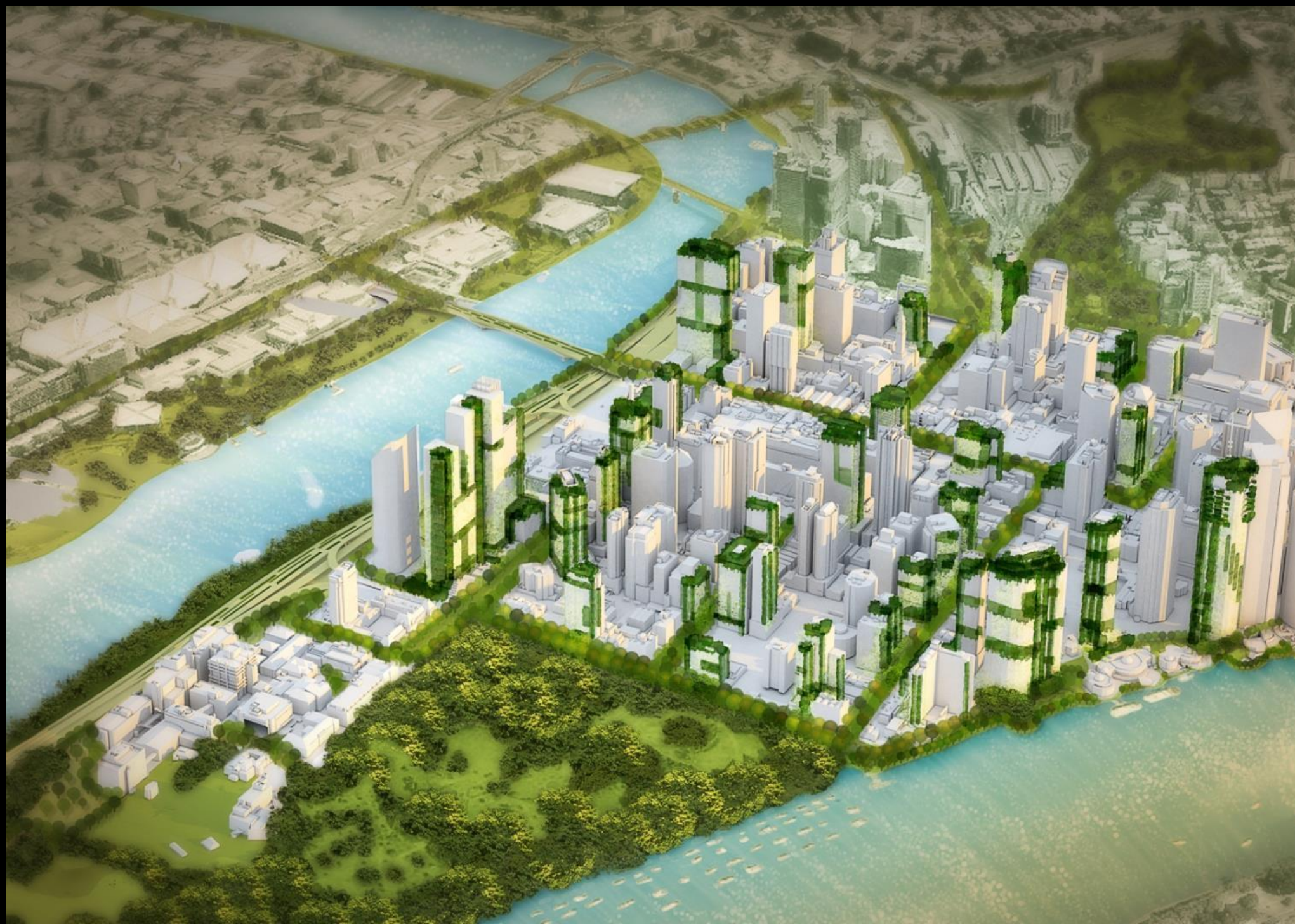
The building as villages, with gardens to share



Brisbane's first 'breathing' high-rise: 443 Queen Street, Brisbane by Architectus & WOHA



443 Queen Street, Brisbane by Architectus & WOHA



Tropical and subtropical cities of the future need to be green, open, porous and connected to nature – by design.

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