



Local Actions on Green Building of Cebu City

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City of Cebu

10:10 a.m.



LOCAL ACTIONS ON GREEN BUILDING

CEBU CITY





Reinforce the Basics

With more and more people looking to embrace greener ways of living to protect the planet, it's beneficial to evaluate and reinforce the basics.



MAJOR INITIATIVES: Developing Sustainable Sites

Emphasis on immediate exterior environment
(Regulations and Policies)

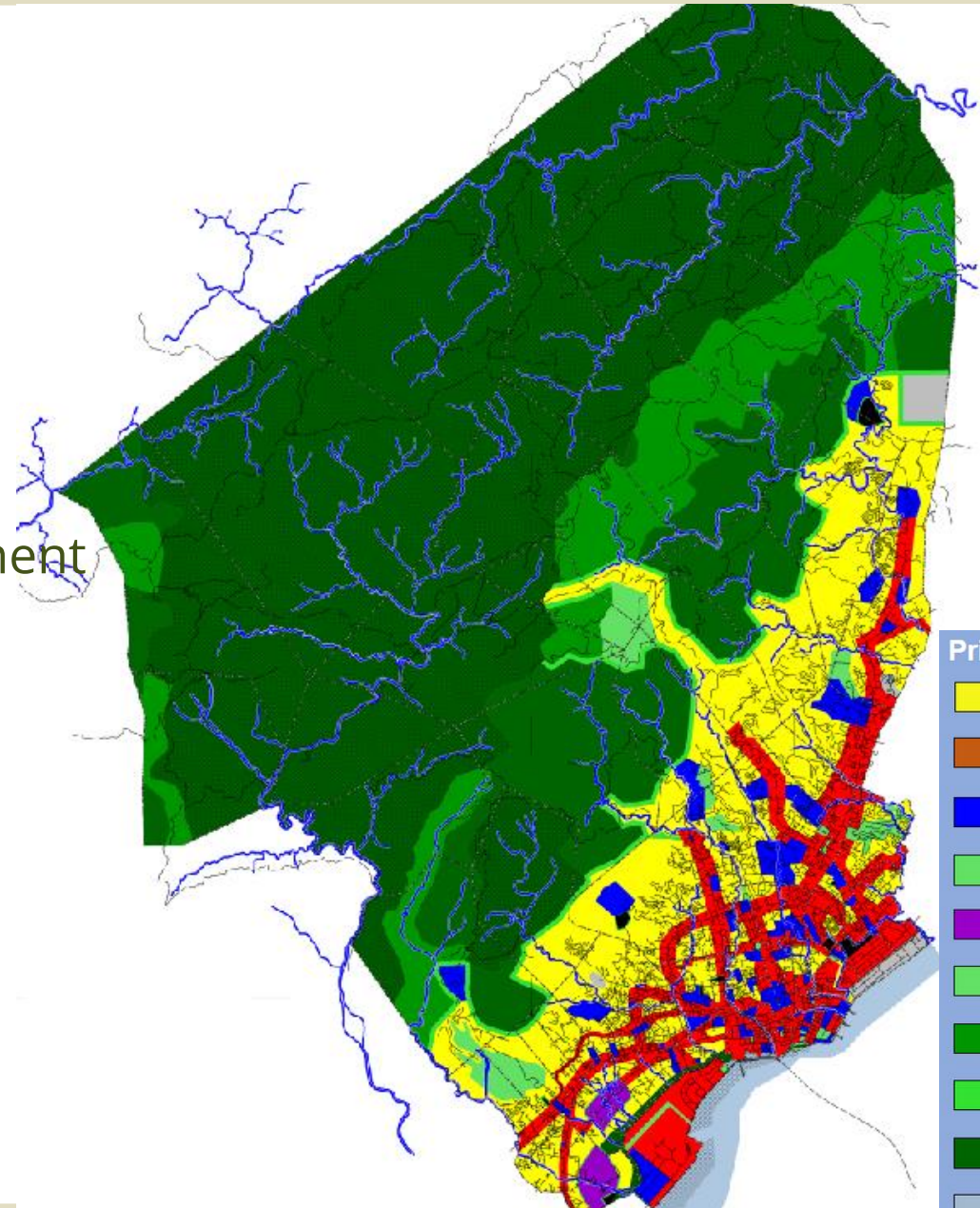


MAJOR INITIATIVES: Developing Sustainable Sites

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Proposed Zoning Ordinance (2022-2023)

1. Open Space Requirement



- Principal Zones
- Residential
 - Commercial
 - Institutional
 - Cemetery
 - Industrial
 - Parks and Recreation
 - Agricultural
 - Buffer Zone
 - Forest
 - Coastal
 - CCPL

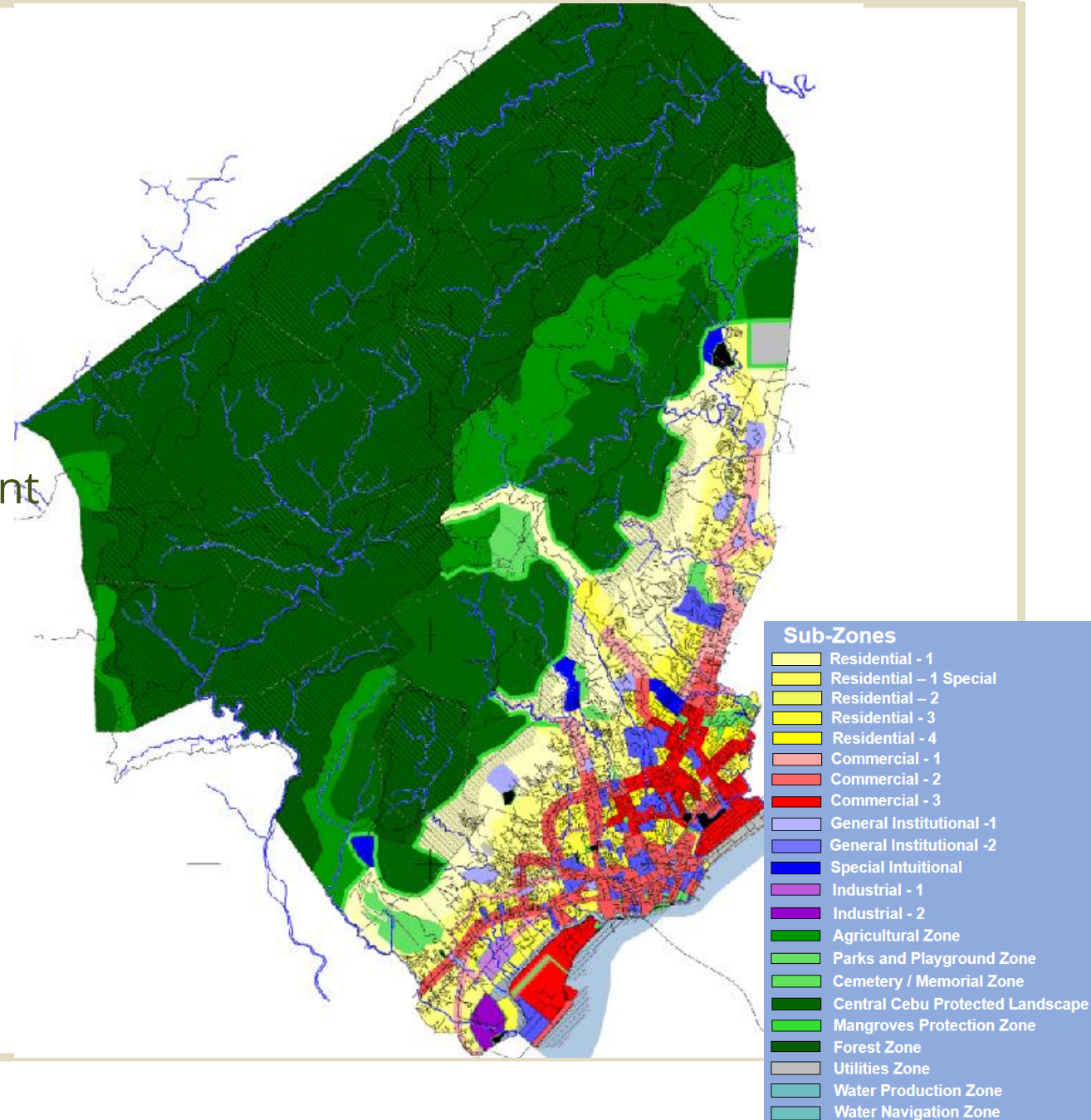


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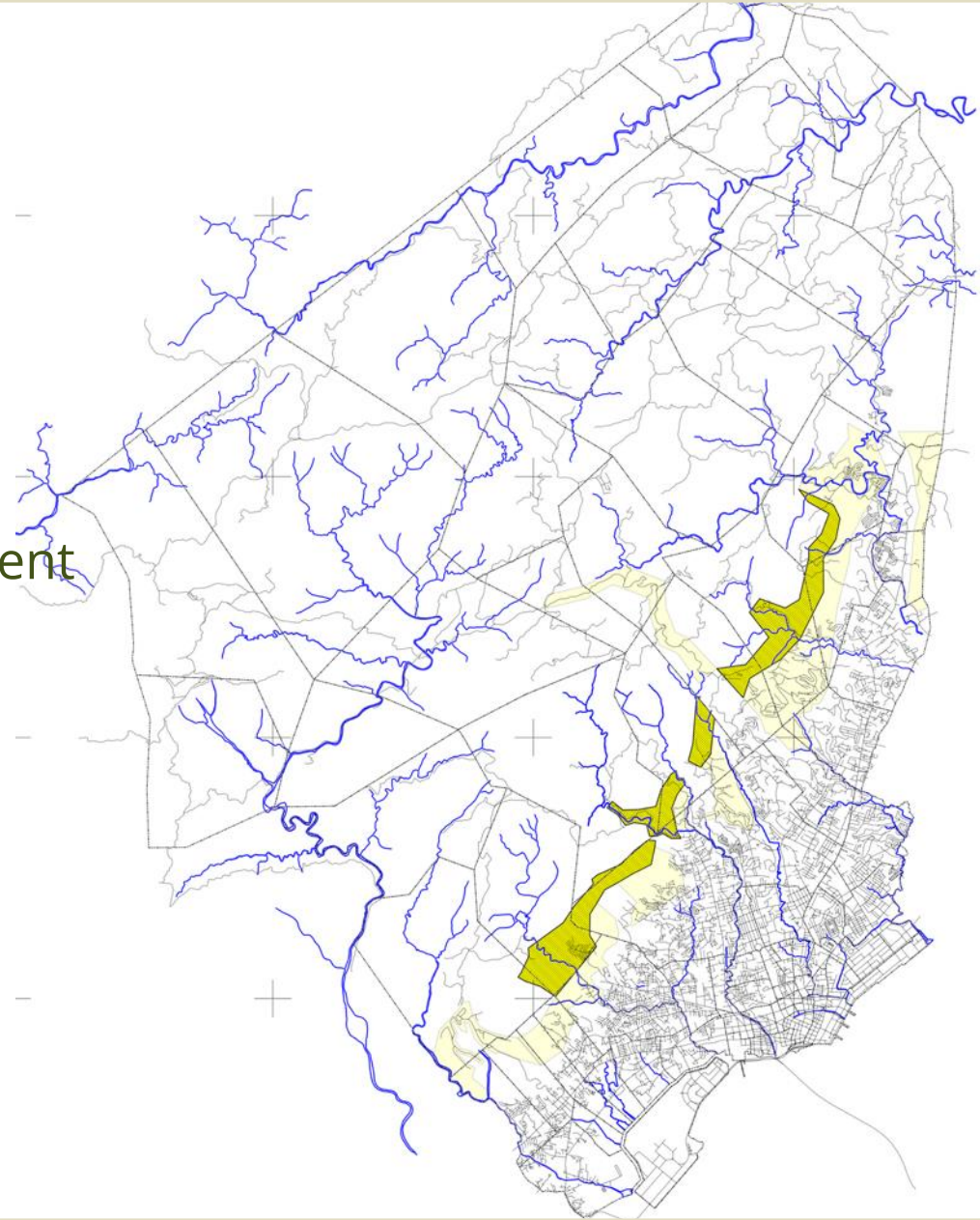
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Proposed Zoning Ordinance (2022-2023)

1. Open Space Requirement



Residential – 1 Special





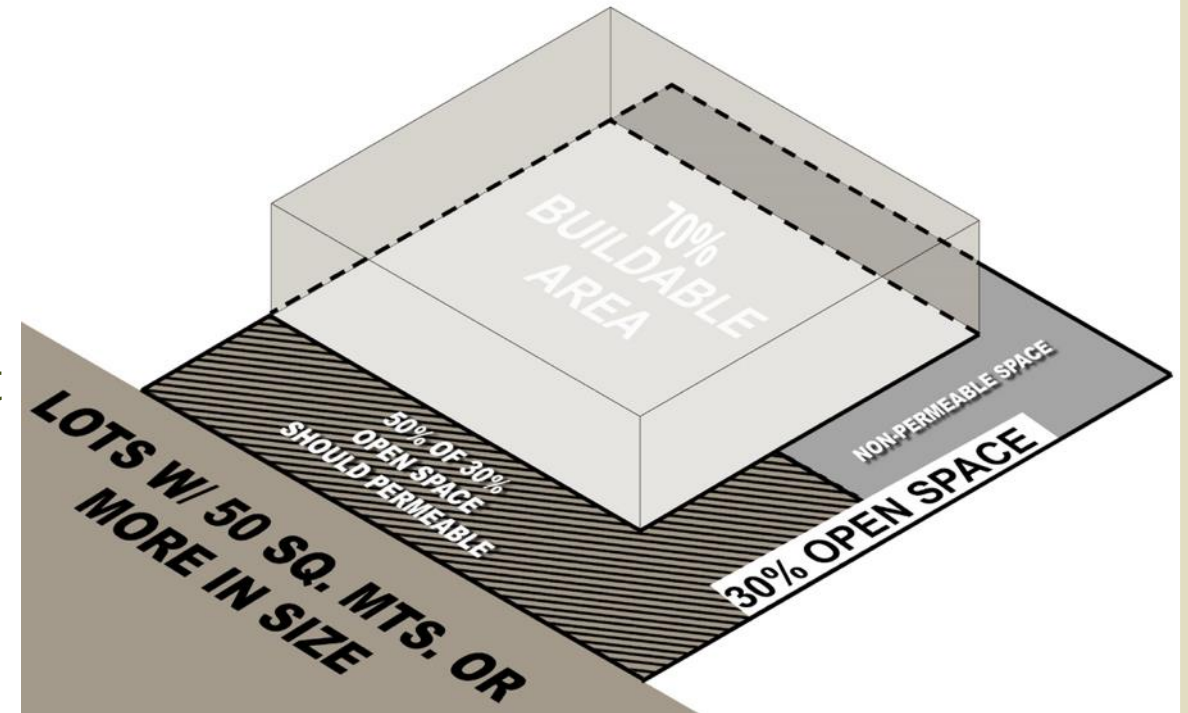
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- 70% Open Space
- 30% Buildable Space
- For lots with minimum of 50sqm.





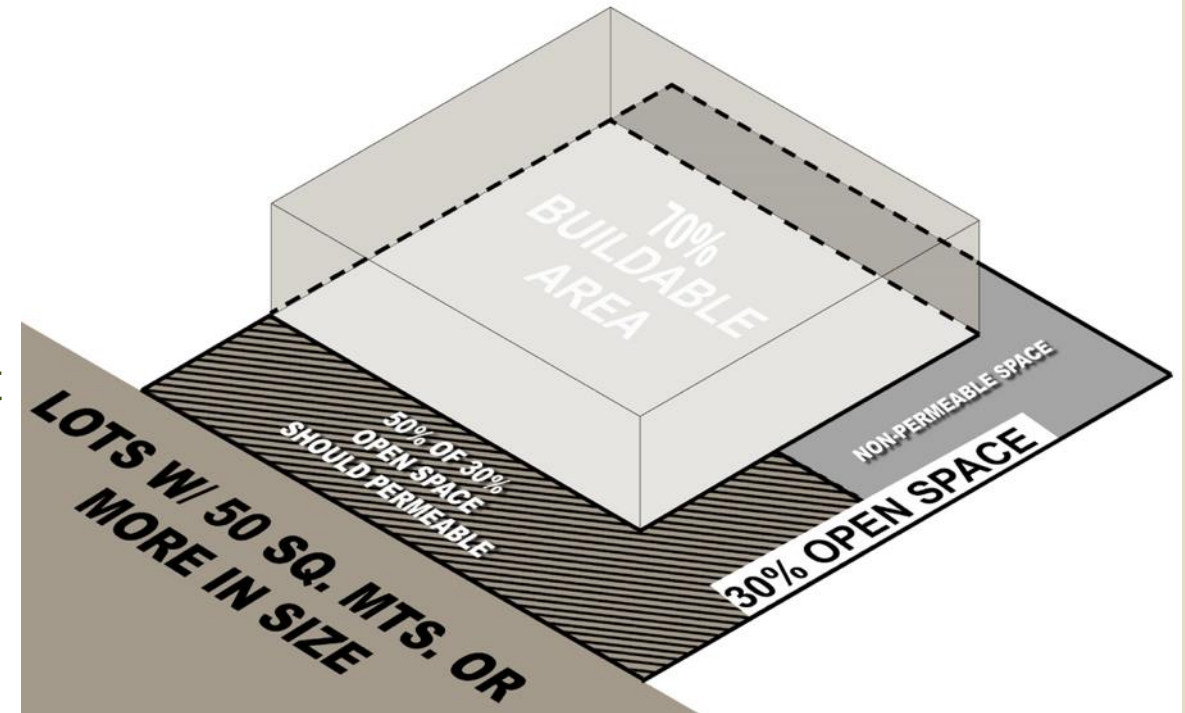
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2. Permeable Spaces

- Required open spaces every zone shall have permeable grounds.
- 50% of the required open spaces shall be permeable.



- This promotes water efficiency and water preservation.
- To reclaim our water table by filling our aquifer.



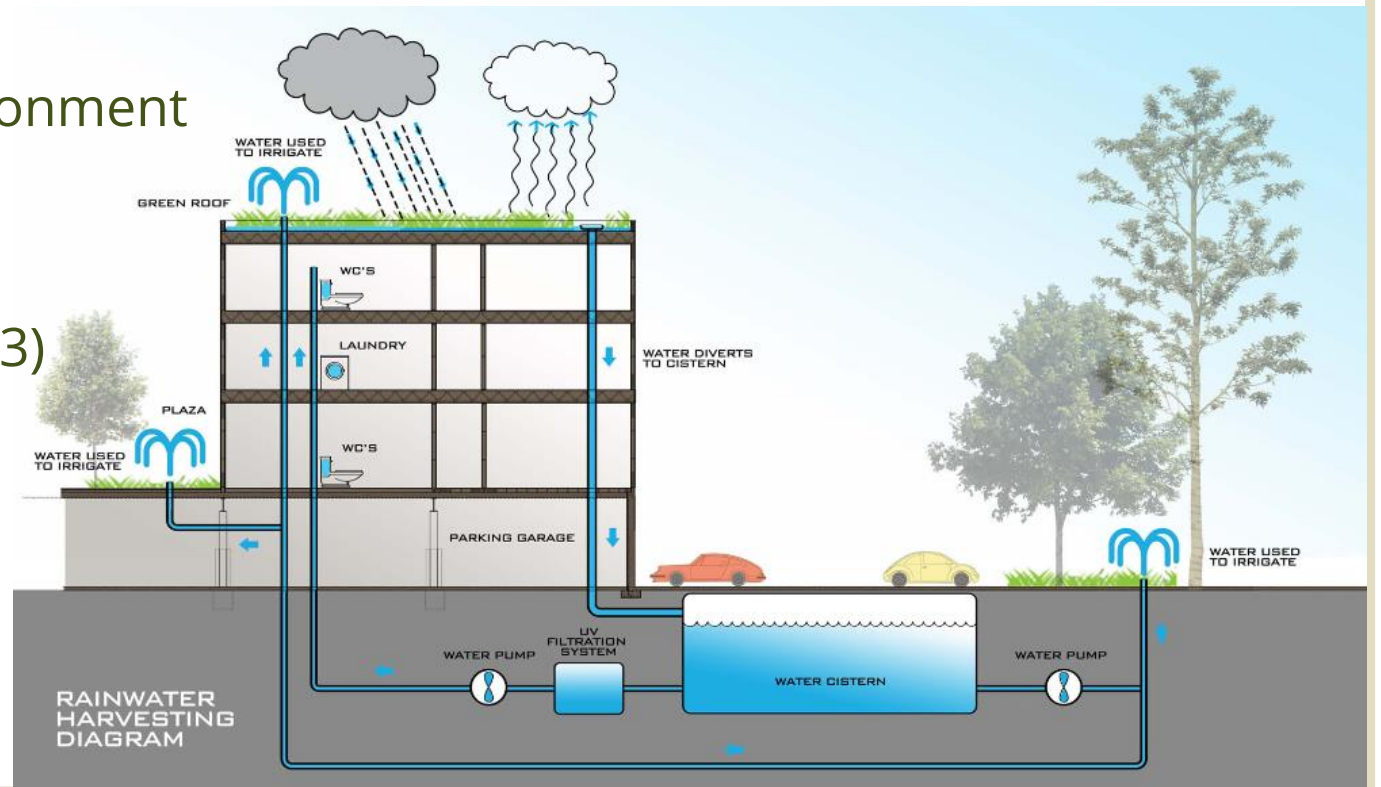
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3. Rainwater Collection Tank

in every building for water efficiency
and water preservation.





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4. Easements from rivers and creeks



DISADVANTAGES OF NOT PROVIDING RIVER EASEMENTS:

- Possible flooding to adjacent properties.
- Inadequate reinforcement to adjacent structures will result to erosion.
- Susceptibility to water pollution.
- Degradation of the area.

The South Coastal Urban Development (SCUD) Project

is located at the foreshore area, west of the South Road Properties encompassing portions of the 8 depressed urban barangays of the City.

It shall be the permanent site of Medium and High Rise Housing Buildings to help address the housing backlog of the National Government.

The aspiring sector in Cebu City, many of whom are residing in danger zones along rivers, creeks and coastal areas shall be afforded decent housing and upgraded living conditions to raise their dignity and productivity as important contributors to society.

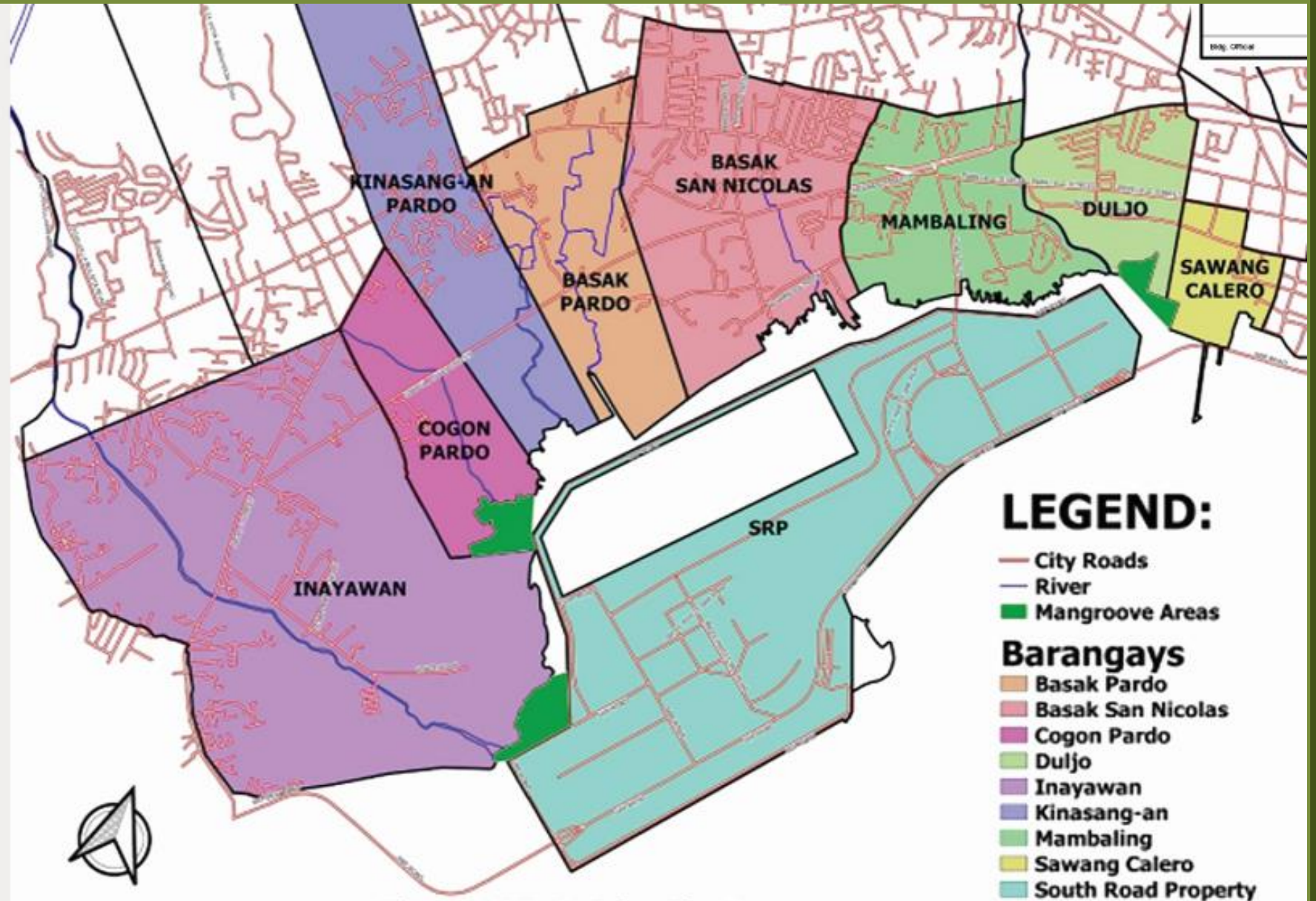


Fig. 1.0 SRP & Cebu City Barangays

20-STOREY DHSUD HOUSING COMPLEX



SITE DEVELOPMENT PLAN

ARTIST'S RENDERING BY: CPDO



Planting of Local Species

A minimum of 25% of the permeable open space should be allocated for planting area and plants should be indigenous. This achieves cooling effect and thus, minimizes the heat island effect.





Mobility and Access

People's ability to access goods, services and activities that society considers particularly essential.



DROP-OFF AREA

For buildings with minimum GFA of 1,000 sqm.



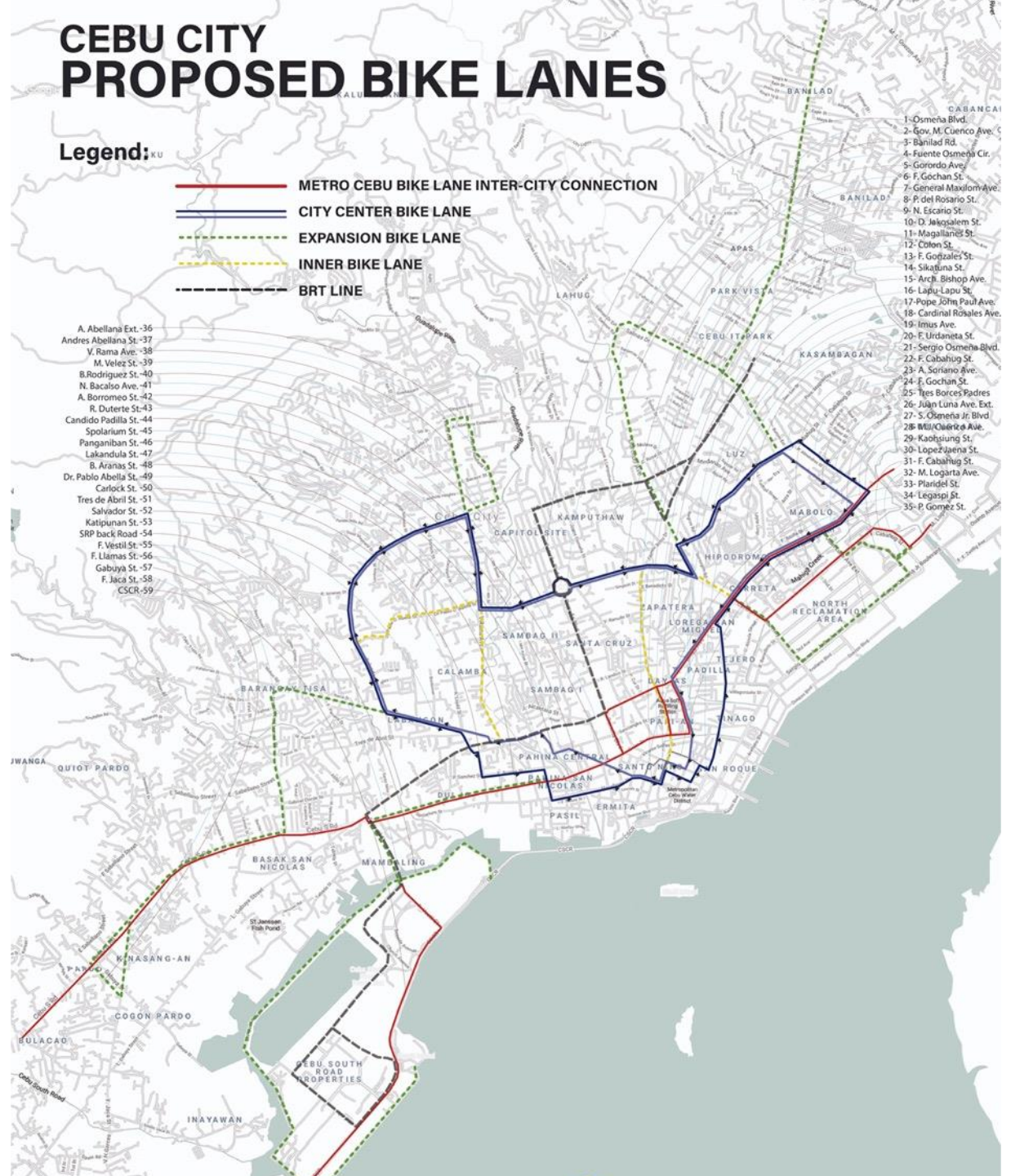
BICYCLE PARKING

For commercial, institutional and industrial bldgs. to lessen gas emissions.



BIKE LANE NETWORK

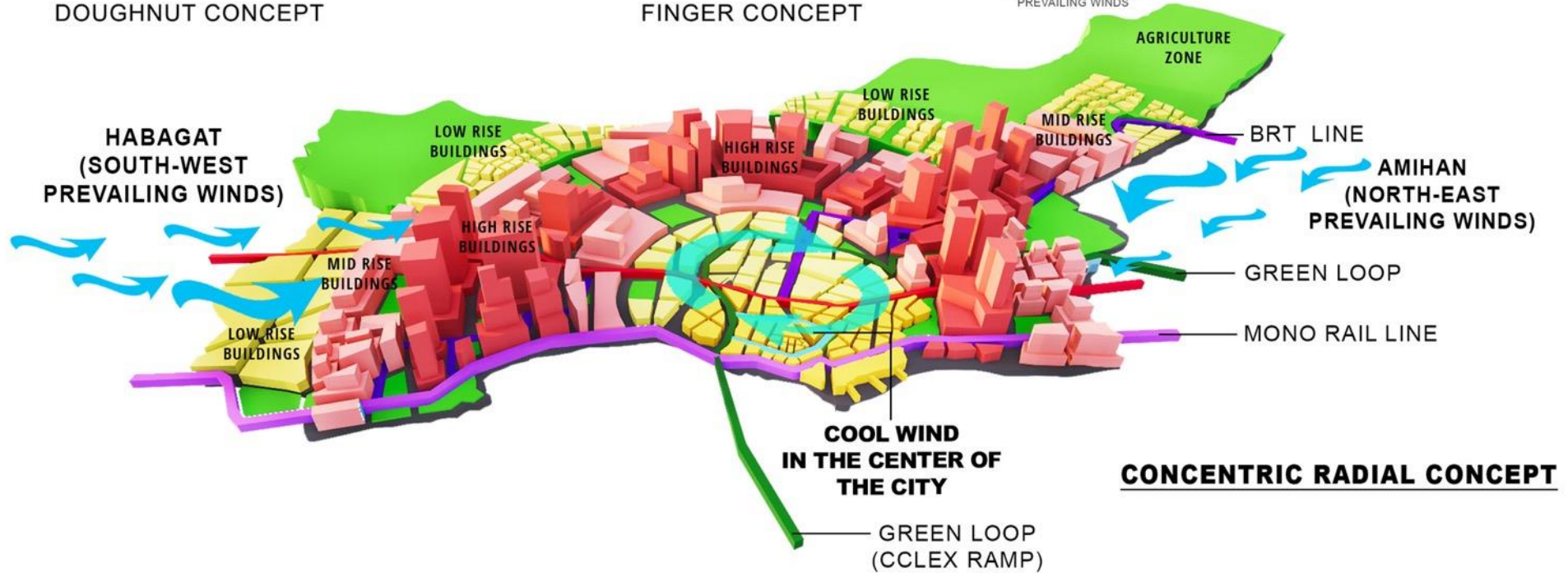
Bike lanes enable bicyclists to ride at their preferred speed without interference from prevailing traffic conditions and facilitate predictable behavior and movements between bicyclists and motorists.





DOUGHNUT CONCEPT

FINGER CONCEPT



CONCENTRIC RADIAL CONCEPT



PHILGBC Fellowship Program - Japan

Advancing Energy Efficiency and Conservation in Buildings





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Thank You!

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