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## RIVERBANK DEVELOPMENT: *The Makati City Way*

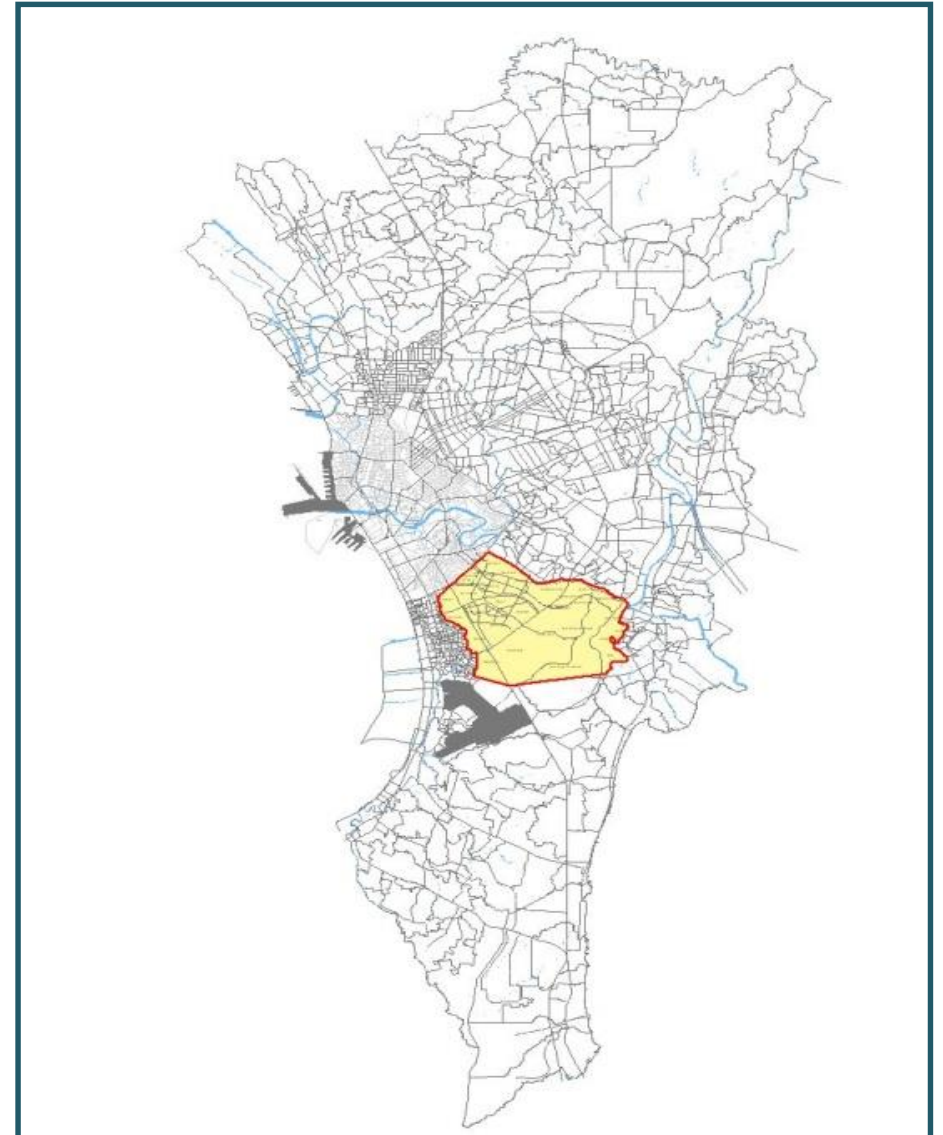
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# MAKATI CITY

## FINANCIAL CENTER OF THE PHILIPPINES



- Area - 27.36 km<sup>2</sup>
- Population
  - ✓ *Night time* - 510,383
  - ✓ *Daytime* - ~4M
- 16 waterways, including the Pasig River

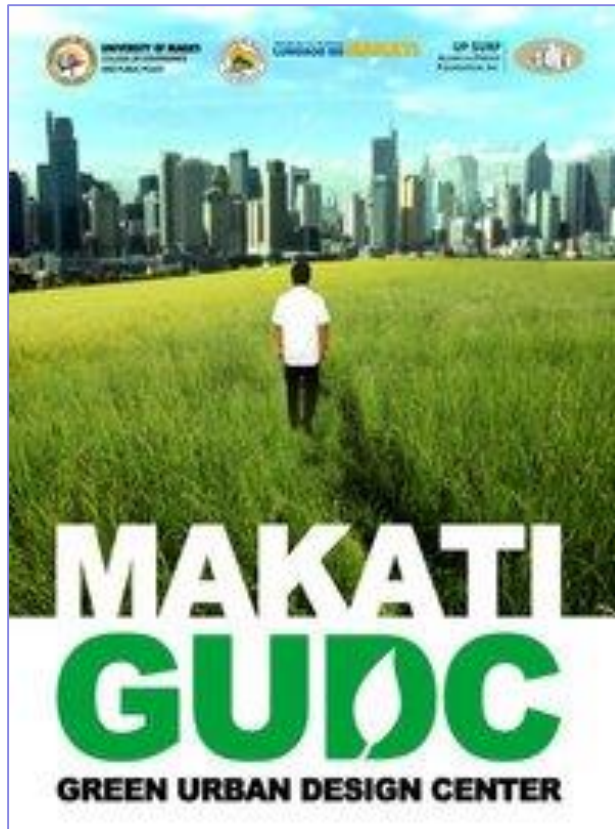
# 1. DEVELOPMENT OF LINEAR PARKS

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- The development of linear parks along riverbanks were constructed to provide venues for recreation and relaxation, as well as to enhance walkability within the city.
- To date, Makati has 14 public parks and 4 plant nurseries, all strategically located within the city.

## 2. MAKATI GREEN URBAN DESIGN CENTER (MAKATI-GUDC)



- The Makati Green Urban Design Center (Makati-GUDC) is an established resource base for developing green building measures, as well as a training ground for potential experts on the said field.

- It aims to enhance the quality of life through an integrated approach linking the City's built structures and natural elements.

- A series of workshops with the barangay officials were conducted which resulted in the formulation of a greening plan for open spaces within the barangays – of which project components include redevelopment of riverbanks into linear parks, among others.

### 3. PUBLIC-PRIVATE PARTNERSHIPS

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*Magallanes STP*



*Pasig River embankments*

- Partnerships were forged with both the national government agencies and the private sector on initiatives towards riverbank development.
  - ✓ DPWH – *Pasig River Rehabilitation Project*, which included construction of embankments along Pasig River, as well as massive dredging operations
  - ✓ Manila Water Company, Inc. - construction of additional wastewater treatment facilities within the city, which include the Magallanes STP, Guadalupe Bliss STP, Sta. Ana STP and the newly-constructed Poblacion STP

# 4. TASK FORCE MAKATI WATERWAYS

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- The Task Force Makati Waterways was established in 2011 to steer the city's compliance to the SC En Banc decision, which included provisions on water and sanitation, solid waste management and informal settlements
- Assessment to all HHs and CEs to check for presence of hygienic septic tanks and/or WWTFs
- Out of the 2,883 properties assessed, 302 HHs and CEs were found to have no septic tanks



# 5. ENACTMENT OF RELATED LAWS AND ORDINANCES

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- City Ordinance 2003-095 (*Makati City Solid Waste Management Code*)
  - Promotes proper solid waste management practices amongst households, commercial establishments, and other institutions
- City Ordinance 2011-036 (*An Ordinance Establishing a Septage Management System in the City of Makati*)
  - Enacted last September 2011 which sets guidelines to all properties (*e.g. households, commercial establishments*) on the construction and maintenance of septic tanks and/or wastewater treatment facilities
  - Institutional arrangements as to the implementation and provisions for penalty were also included





- The Task Force is set to formulate the Water Quality Management Plan for Makati, which will outline all the initiatives towards improvement in all the city waterways.
- Other projects and programs include:
  - ✓ Quality Laboratory Monitoring/Surveillance of Creeks, Esteros and Waterways, and
  - ✓ IEC campaigns focusing on Water and Sanitation (*Community Led Sanitation: (a) Zero Open Defecation Campaign, (b) Campaign and provision of technical assistance in the construction of hygienic, sanitary toilet facilities (c) Smarter Sanitation for households and Community/Urban Strategic Sanitation Approach*)

# 6. WATERWAYS CLEAN-UP ACTIVITIES

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- All of the city's barangays conduct a bi-monthly cleaning of all the waterways, in cooperation with the Department of Environmental Services (DES)
- Other supporting PPAs include:
  - ✓ *Walang Waste sa Waterways (www.com)*
  - ✓ *World Water Day Celebration*
  - ✓ *International Coastal Clean-Up*
  - ✓ *One Day, One Bay*

A photograph of four children sitting on a stone ledge, viewed from behind, looking towards a large, active fountain in a park. The fountain has multiple jets of water spraying upwards. The park is lush with greenery, including many palm trees and manicured bushes. The scene is captured in the late afternoon or early morning, with a warm, golden light. The children are dressed in casual summer clothing: a purple t-shirt, a striped shirt, a blue tank top, and a white tank top. The text "THANK YOU!" is overlaid in a white, serif font, centered horizontally and framed by two thin white horizontal lines.

THANK YOU!