

METROPOLITAN MANILA DEVELOPMENT AUTHORITY

Urban Renewal Program



Chairman Francis N. Tolentino
11th Plenary Meeting of the ANMC21
Singapore
June 30, 2012

METRO MANILA RE-GREENING PROGRAM

Why re-green?

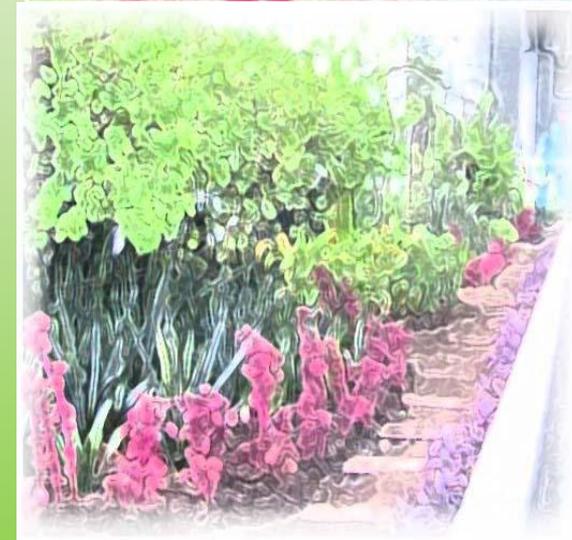
- Metro Manila has only 13% green cover left. (Singapore has 47% in 2007, up from 36% in 1986.)
- As of the 1st quarter of 2012, Total suspended particulates in Metro Manila has reached 136 microgram/cubic meter, this is higher than the acceptable level of 90 microgram/cubic meter by the DENR
- Aggregate annual cost of outdoor air pollution-related illnesses is \$ 23.2 Million , with productivity losses of \$ 11.7 Million, personal costs for disease treatment costing \$ 8.4 Million and government health care subsidies of \$2 million (World Bank Study)



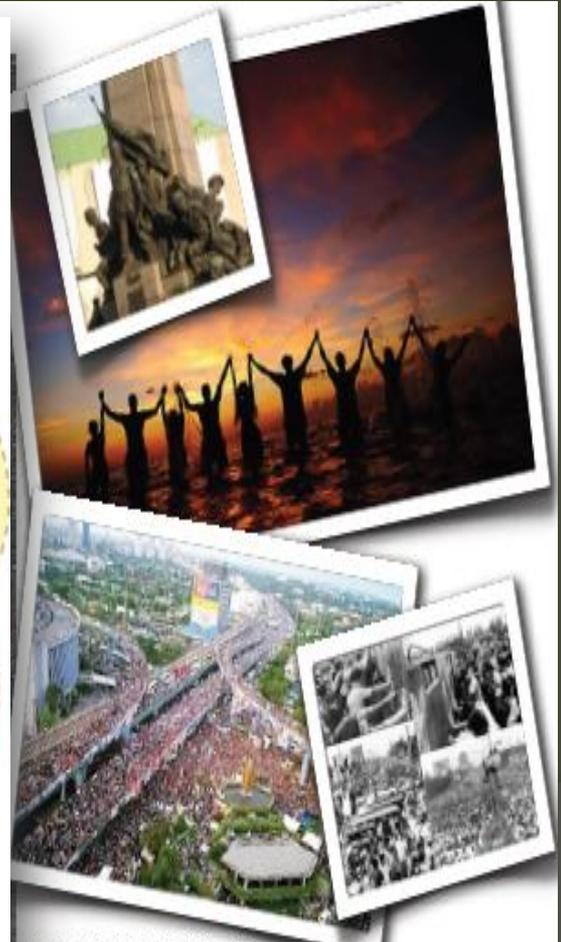
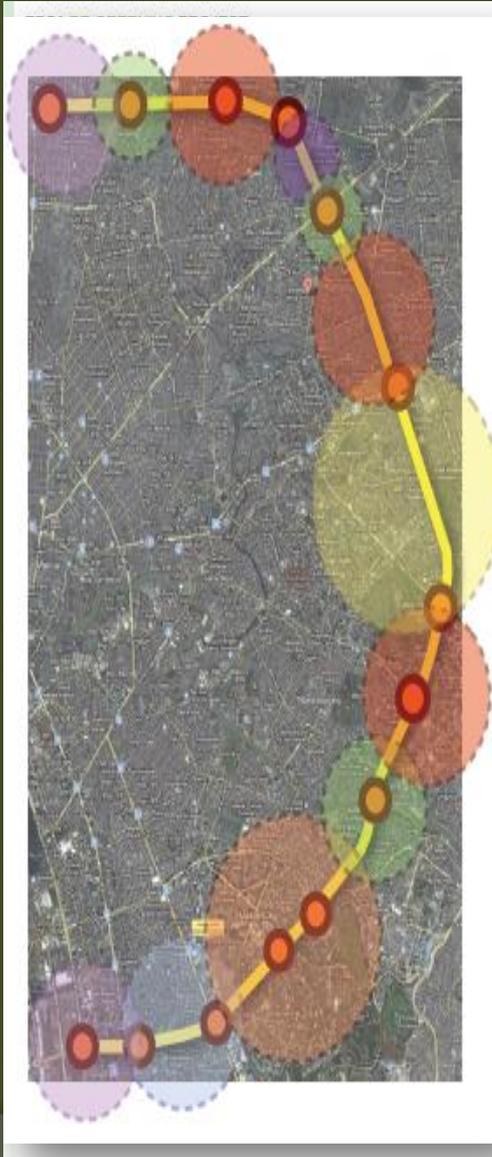
Metro Manila Re-Greening Program

Objectives

- Improve the environment and revitalize the Metropolitan Manila's ecosystem against rapid urbanization and climate change
- Promote sustainability in the built-up areas
- Raise environmental awareness among developers, designers and builders during the planning and implementation stages
- Mitigate possible flooding caused by soil erosion especially in watersheds areas



EDSA REGREENING PROJECT



CONNECTED
URBAN GREENWAY



EDSA: The Urban Greenway of Metro Manila

BEFORE



AFTER



EDSA: The Urban Greenway of Metro Manila

BEFORE



AFTER



EDSA: The Urban Greenway of Metro Manila

MEDIAN ISLAND LANDSCAPING AT CUBAO QUEZON CITY



SIDEWALK LANDSCAPING



Support Activities

TILING OF EDSA TUNNELS



Support Activities

WALL PAINTING USING ANTI -POLLUTION PAINT



Artworks in San Lorenzo-Makati City



Artworks in Cubao-Aurora in Quezon City



Artwork in EDSA Ortigas Avenue

Support Activities

INSTALLATION OF LED ADVISORY BOARD



LED Advisory Board in front of Main Avenue (Southbound) Quezon City



LED Advisory Board in front of Heritage Hotel (Northbound) Pasay City



LED Advisory Board in front of SM Megamall (Southbound) Mandaluyong City

EDSA: The Urban Greenway of Metro Manila

EXISTING



PROPOSED



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EDSA: The Urban Greenway of Metro Manila

EXISTING



PROPOSED





"We envision Metro Manila to be a benchmark for growth and development of other cities in the Philippines as the country rides on the wave of modernization in the Asia-Pacific Region. Metro Manila will be an enduring legacy and inspiration for the next generations."



*Maraming Salamat po
at Mabuhay!*