







An equitable improvement in the quality of life in the Manila Bay area.

It is envisioned that by 2030 the average poverty incidence in the plan area is reduced to 1.5% and by 2040 "Filipinos live in a prosperous, predominantly middle-class society where no one is poor" consistent with the Ambisyon Natin 2040.



A protection of Manila Bay ecosystem that sustainably delivers variety of services.

*It is envisioned that by 2040 <mark>the area of protected natural habitat</mark> (i.e., (intertidal mudflat, mangrove, coral) is <mark>doubled</mark> and the <mark>fish stock biomass is increased</mark> by three folds and approximates the 1973 standing of biomass.* 

Safe, resilient, and adaptive Manila Bay ecosystems and communities.

It is envisioned that by 2030 the number of people exposed to floods is reduced by at least 51% consistent to the Global Target B of Sendai Framework of "substantially reducing the number of people directly affected by disasters".

LOOWEWar

Manila Bay communities with access to safe, affordable and formal housing with access to basic services and economic opportunities.

The key indicator of improving informal settlement with the access to safe, affordable, and formal housing with access to basic services and economic opportunities is ultimately making the legal easement—a hazard-prone area—free from any settlement. It is then envisioned that ISFs in hazard-prone areas are a thing of the past and waterways and esteros are free of obstruction.

# A sustainable and resilient Manila Bay

Ultimately, it is envisioned that in the near future Manila Bay is clean, rehabilitated, and preserved, and that its waters is restored and maintained— making them fit for swimming, skindiving, and other forms of contact recreation.







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### Implementing DRRM Programs and Projects

- Stop Land Subsidence
  - Development of alternative sources of water
  - Harvesting, storage and use of rainfall, runoff, treated wastewater
  - Provide incentives for use of alternative sources of water
  - Issuance of a moratorium on groundwater extraction
  - Update of CLUPs integrating DRR and CCA
- Reduction of people occupying hazard prone areas
- Enhance flood protection measures
- Enhance disaster preparedness and adaptive capacity
- Capacity-Building for Climate and Disaster Risk Assessment Integrated with Environmental Management and Restoration (EMR)
- IEC to develop behaviors and mindsets of stakeholders to play its roles in DRR and CCA







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## **Promoting Environmentally Sound Development**

- Strict enforcement of the EIS System (P.D. No. 1586)
- Development of Laws, other policies, standards, regulations
  - to regulate agricultural land conversion
  - for the new law creating the DHSUD,
  - Physical Planning and building laws (and their interpretation, implementation and enforcement), Sustainable rating systems and incentivizing "green" developments
  - on Climate Change Adaptation (CCA) and Disaster Preparedness, on Climate Change Mitigation through reduction of Greenhouse Gases
  - Adherence to sustainable tourism development principles, promotion of responsible tourism, development of urban green tourism products and capacity building of LGUs on sustainable tourism development and the promotion of responsible tourism
  - Passage of National Land Use Act

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### **Decongest & Redevelop Metro Manila**

- Passage of the National Land Use Act (NLUA) and related policies
- Establish the carrying capacity of the approximately 96 LGUs framing and draining into the Manila Bay
- Ensure land use efficiency
- Redevelopment at built-up areas, densification/ infill, land readjustment, etc.
- Create sustainable tourism products, develop beach management guidelines and beach recovery
- New growth centers (NGCs) and reverse migration
- Transfer of Government offices (to Government -owned buildings)
- Affordable Housing Stocks

#### **Institutional Set-up Options**

- Strengthen Existing Manila Bay Structures (MB Task Force, MBCO)
- Create a New Authority (similar to SBMA, LLDA)

The current Institutional Arrangement will be utilized for the short-term plans while the long-term MB Institutional Set-up is being decided upon and established.

### Financing

- Indicative Cost of PhP1.097 trillion investment requirements to carry out the 20-year plan (to be validated and detailed during action planning)
- Financing Strategies
  - Phasing of Project Implementation
  - Strengthening the Revenue Generating Capabilities of Local Governments
  - Clustering of Facilities
  - Blended Financing
- Possible funding and financing sources
  - Private Investments
  - National Government
  - Local Development Fund
  - Land-based Financing
  - Water districts, international development agencies, and lending institutions



- Comment on Master Plan June to July 2019
- Update/Refinement of Master Plan October 2019
- Action Planning starting June September, 2019
  - By Measures
  - With stakeholders

