IMPROVING QUALITY OF LIFE THROUGH INCLUSIVE TRANSPORTATION

TRANSPORT INFRASTRUCTURE DEVELOPMENT UNDER THE

PHILIPPINE DEVELOPMENT PLAN 2017-2022

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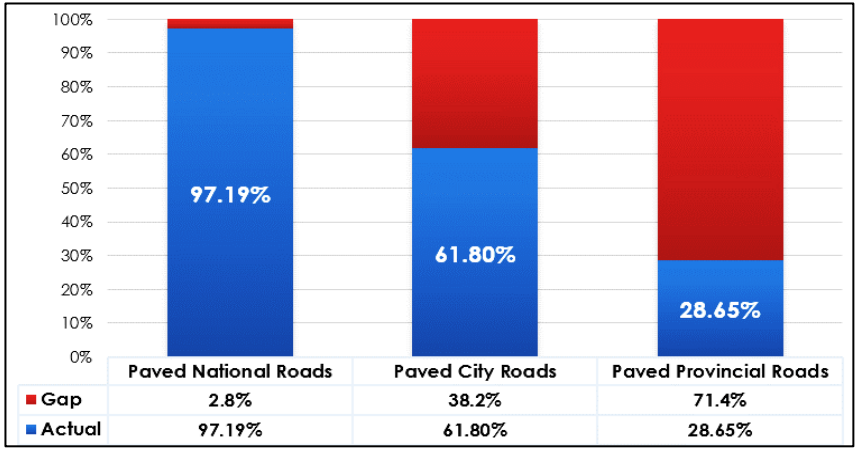
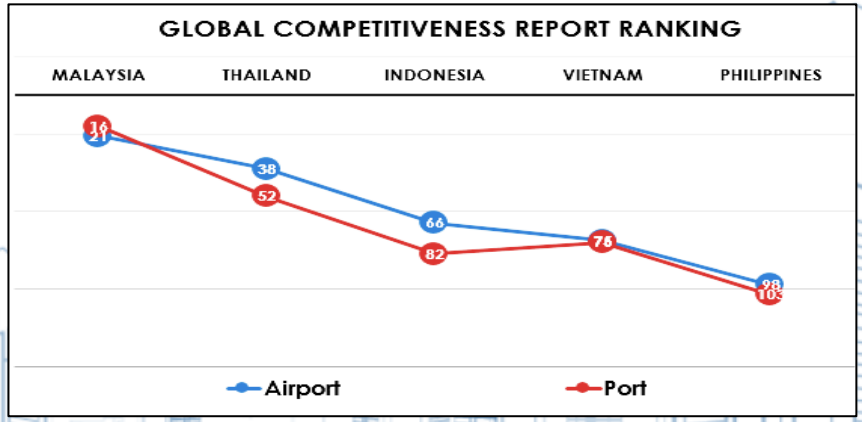
TRANSPORT INFRASTRUCTURE SECTOR GAPS

- PhP2.64 billion per day (2016 Prices) economic cost of congestion in Metro Manila alone
- Lack of reliable and convenient public and high-capacity mass transport options and poor road network quality
- Air traffic congestion among the major airports
- Inefficiencies in port operations



	Paved National Roads	Paved City Roads	Paved Provincial Roads
Gap	2.8%	38.2%	71.4%
Actual	97.19%	61.80%	28.65%



TRANSPORT INFRASTRUCTURE DEVELOPMENT ISSUES

Institutional Issues	• Weak regulatory regime (e.g., fragmented institutional structure) • Poor project planning, preparation and development (issue on quality-at-entry of infrastructure projects)
Operational Issues	• Unsynchronized planning, investment programming and budgeting • Uncoordinated policy planning and program preparation
Implementation Issues	• Poor project execution causing delays and changes in project scope/costs (low absorptive capacity of institutions, bidding and procurement issues, ROW issues, etc.)

- Chapter 19: Accelerating Infrastructure Development, PDP 2017-2022

TRANSPORT SUBSECTORS, SERVICES and AGENCIES

DPWH, DOTr, PNR, LRTA, CAAP, PPA, MIAA, TRB, LTO, LTFRB, PCG, CAB,DILG

<table>
<tr><th>Public</th><th>PPP</th><th>Private</th></tr>
<tr><td colspan="3">Ports</td></tr>
<tr><td colspan="3">Airports</td></tr>
<tr><td colspan="2">Rail</td><td rowspan="5"></td></tr>
<tr><td>National and Local
Roads / Bridges</td><td rowspan="2">Toll Roads</td></tr>
<tr><td>Public Transport</td></tr>
<tr><td>Traffic Management/
Intelligent Transport Systems (ITS)</td><td rowspan="2">Bus Rapid Transit
(BRT)</td></tr>
<tr><td>Aids to Navigation</td></tr>
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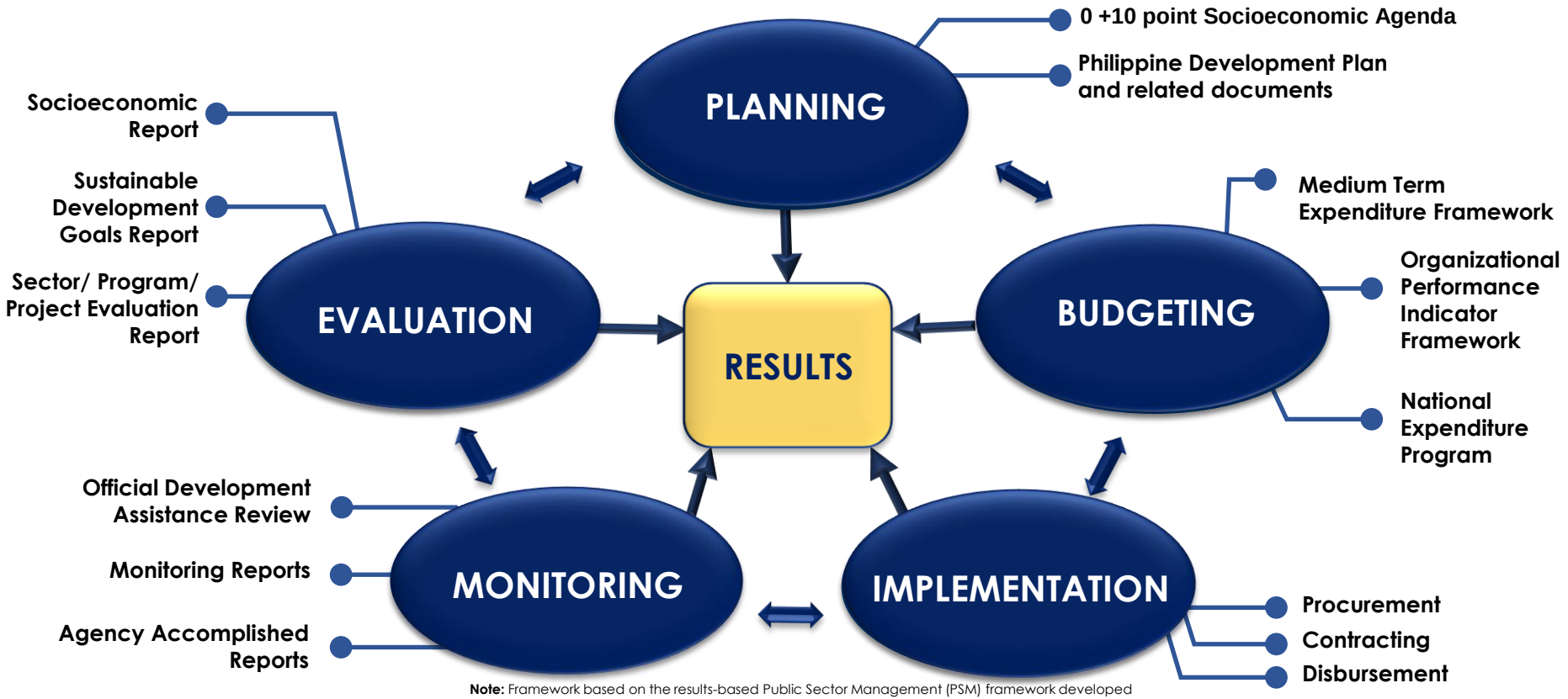
PUBLIC SECTOR MANAGEMENT CYCLE



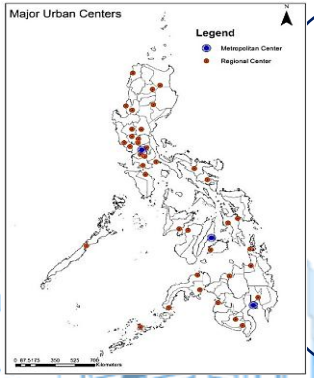
Note: Framework based on the results-based Public Sector Management (PSM) framework developed by the Asia-Pacific Community of Practice on Managing for Development Results (APCoP-MfDR).

DEVELOPMENT FRAMEWORKS

AMBISYON NATIN 2040

AmBisyon 2040 represents the collective **long-term vision and aspirations** of the Filipino people for themselves and for the country in the next 25 years.

The **Philippine Development Plan 2017-2022** is the first medium-term plan anchored on the Ambisyon 2040. The PDP also takes off from the Administration's 0+10 point Socioeconomic Agenda and is formed by inputs from the cross-section of stakeholders and general public.



The **National Spatial Strategy** sets the direction of future growth recognizing population, geography and the role of cities as engines of economic growth, ***with infrastructure providing efficient connective networks of sustainable urban and rural communities***, consistent with our long-term vision.

INFRASTRUCTURE DEVELOPMENT STRATEGIES

INCREASE SPENDING ON PUBLIC INFRASTRUCTURE

- Encourage Private Sector Participation
- Formulate and Update Masterplans and Roadmaps
- Enhance the linkage of the planning, programming, and budgeting processes

IMPLEMENT STRATEGIC INFRASTRUCTURE

- Transport
- Water Resources
- Energy
- ICT Infrastructure
- Social Infrastructure

Accelerate Strategic
INFRASTRUCTURE DEVELOPMENT

ENSURE ASSET PRESERVATION

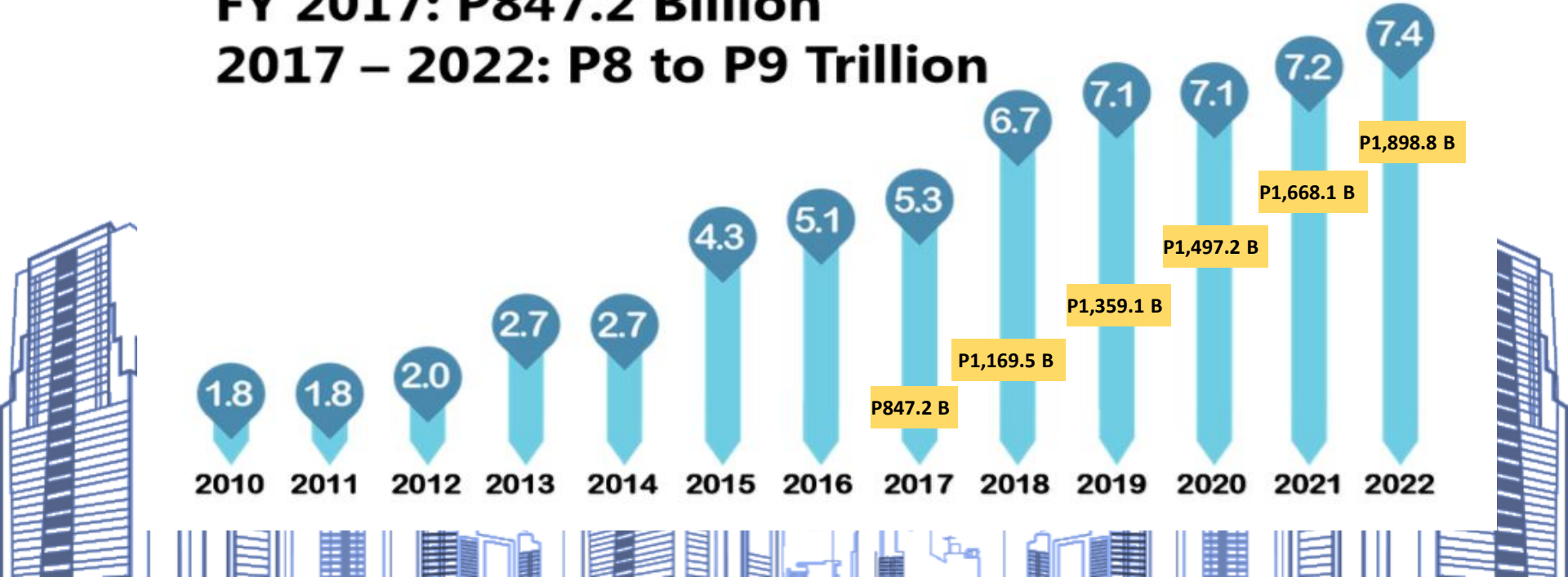
- Increase technical and financial capacities for operations
- Incorporate/adopt disaster resilience measures
- Ensure security of infrastructure facilities

INTENSIFY RESEARCH AND DEVELOPMENT

MASSIVE INFRASTRUCTURE INVESTMENTS

Increase infrastructure spending (as percentage of GDP)

FY 2017: P847.2 Billion
2017 – 2022: P8 to P9 Trillion



WHAT WILL MAKE IT HAPPEN

Build Build Build: governance anchored on transparency and accountability

Mobilization of resources to ramp up infrastructure spending

Enhanced capacity of agencies for project preparation and implementation

Robust performance management

Proactive stakeholder engagement

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PHILIPPINE DEVELOPMENT PLAN 2016-2022

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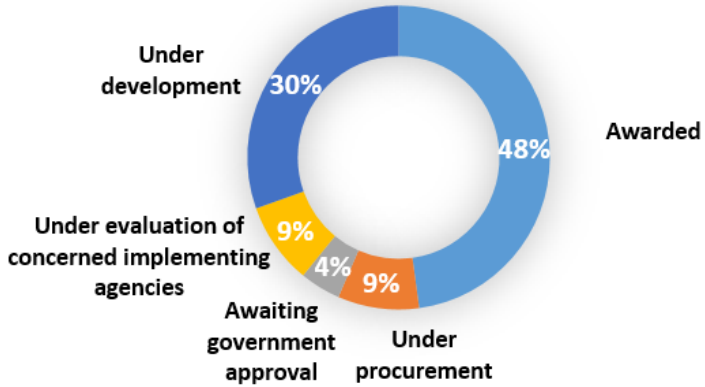
PRIVATE SECTOR PARTICIPATION WILL BE ENCOURAGED

Address bottlenecks in PPP planning and implementation

Pursue reforms to enhance the business environment

Transport PPP Projects	
PPP Pipeline Status	**No. of Projects**
Awarded	11
Under procurement	2
Awaiting government approval	1
Under evaluation of concerned implementing agencies	2
Under development	7
Total	**23**



LIST OF PROJECTS

MASTERPLANS AND ROADMAPS WILL BE UPDATED

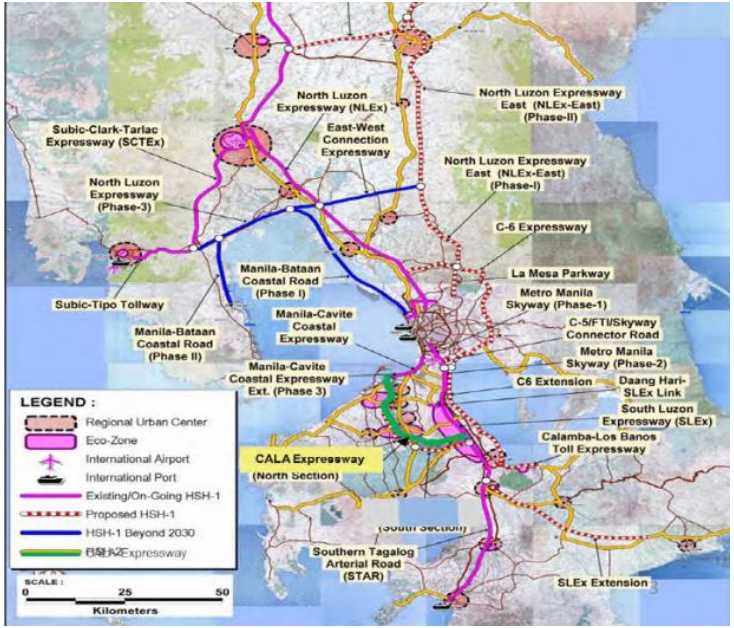
Transport Infrastructure Development Roadmap for Metro Manila and its Surrounding Areas (Region III and IV-A)

This serves as guide in the development of policies, and prioritization and design of programs and projects on transport infrastructure.

It aims to harmonize all efforts, realize synergy, and improve coordination among relevant agencies on transport projects in Metro Manila and its environs in the short-term, medium-term, and long-term.

MASTERPLANS AND ROADMAPS WILL BE UPDATED

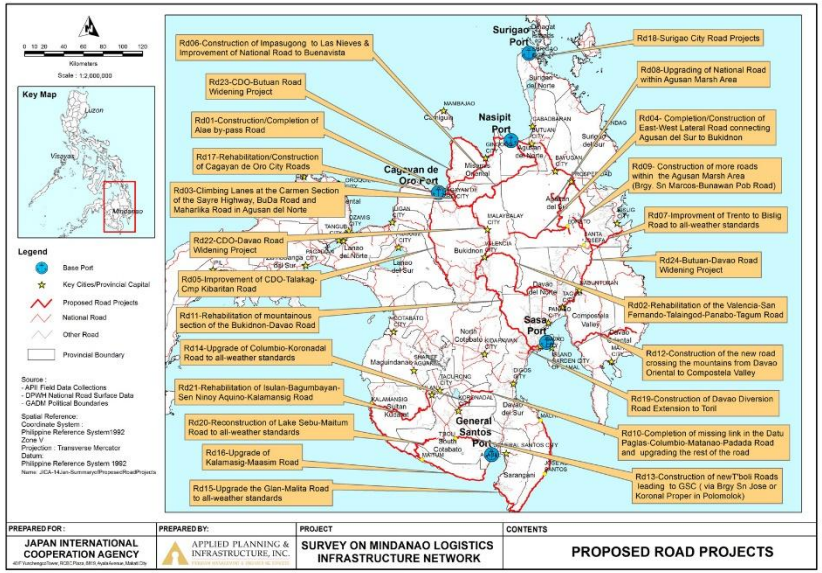
Master Plan on High Standard Highway (HSH) Network Development



This is formulated to provide high level of service (LOS) and reliable means of transportation and develop an economic corridor by connecting major urban centers to strategic development areas of the southern and northern regions of the country.

MASTERPLANS AND ROADMAPS WILL BE UPDATED

Survey on Mindanao Logistics Infrastructure Network (SMLIN)



This aims to: (i) maximize the utilization of the Mindanao Container Terminal (MCT) to become the node of logistics and the center of economic development in Northern and Central Mindanao; (ii) identify areas for improvement in agricultural logistics using MCT; and (iii) recommend prospective Official Development Assistance (ODA) projects geared towards improvement in Phividec Industrial Authority (PIA)-MCT's capacity and improvement in the logistics infrastructure for cost-effective linking of Mindanao's agriculture and fishery production centers to markets within the region, the rest of the country and abroad. The coverage area of the SMLIN (the Survey) revolve around the ports located at five (5) major trading centers, namely: Cagayan de Oro, Butuan, Surigao, General Santos, and Davao cities.

MASTERPLANS AND ROADMAPS WILL BE FORMULATED

Philippine Transportation Systems Master Plan

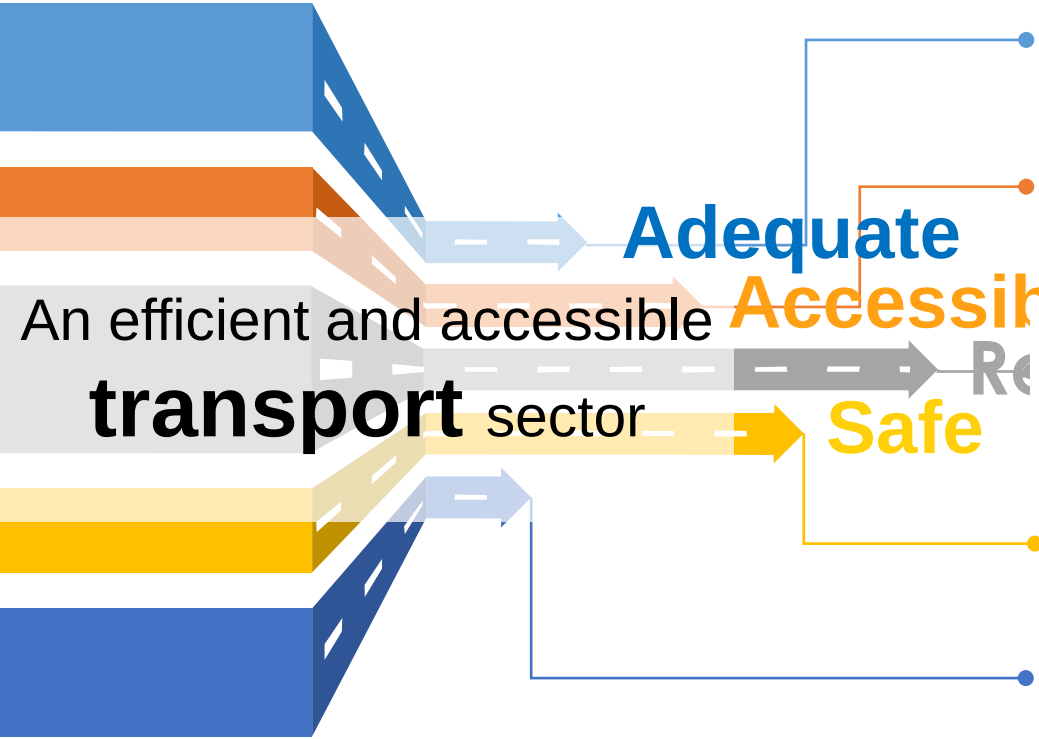
A master plan formulated based on a detailed assessment of the existing national transport network and the results of a comprehensive analysis of the gaps therein, to:

- Guide the rational development of an intermodal transport network in the country through coordinated planning and operation of projects and programs as an integrated network of intermodal sub-systems

- Promote sub-regional economic cooperation/agglomeration and utilization of multimodal transport system for more efficient connectivity between industrial/production areas, major cities, and rural areas

Enhance concerned agencies/institutions' capacity on the various transport planning tools and techniques

STRATEGIC INFRASTRUCTURE WILL BE IMPLEMENTED



An efficient and accessible **transport** sector

Adequate

Accessible

Safe

Road-based transport will be improved

The desired shift from private to public transport will be encouraged

Operational efficiency of airports will be improved and constraints to optimal capacity utilization will be addressed

Port facilities will be improved

Safety and security of the public transport system will be improved

INFRASTRUCTURE POLICIES WILL BE PRIORITIZED

- Amendments to the Build-Operate-Transfer Law and its IRR
- Enactment of a National Transport Policy
- Enactment of a Law Creating Independent Regulatory Bodies for Railway and Maritime Transport Sectors
- Enactment of a Law Creating an Independent Body for Transport Safety and Security

INVESTMENT OPPORTUNITIES

PPP PORTFOLIO

Awarded Projects[1]	Project Cost (PhP)	Agency	Preparation of Business Case/ Feasibility Study	Under Evaluation	ICC Approval	NEDA Board Approval	Bidding Stage	Contract Awarded
Completed and Operational Projects								
Daang Hari-SLEX Link Road (Muntinlupa-Cavite Expressway) Project[2]	2.23 B	DPWH	Completed	Completed	Completed	Completed	Completed	Completed
Automatic Fare Collection System (AFCS)*	1.72 B	DOTr	Completed	Completed	Completed	Completed	Completed	Completed
NAIA Expressway (Phase II) Project[3]	17.93 B	DPWH	Completed	Completed	Completed	Completed	Completed	Completed
Projects under Construction								
Mactan-Cebu International Airport Passenger Terminal Building*	17.52 B	DOTr	Completed	Completed	Completed	Completed	Completed	Completed
Metro Manila Skyway (MMS) Stage 3 Project[4]	37.43 B	TRB						Completed
Southwest Integrated Transport System (ITS) Project*	2.50 B	DOTr	Completed	Completed	Completed	Completed	Completed	Completed
MRT Line 7 Project	69.30 B	DOTr						Completed
Projects under Pre-Construction								
LRT Line 1 Cavite Extension and O&M[5]	64.9 B	DOTr	Completed	Completed	Completed	Completed	Completed	Completed
Cavite-Laguna (CALA) Expressway[6]*	35.43 B	DPWH	Completed	Completed	Completed	Completed	Completed	Completed
South Integrated Transport System (ITS) Project[7]*	5.20 B	DOTr	Completed	Completed	Completed	Completed	Completed	Completed
NLEx-SLEx Connector Road*	23.20 B	DPWH	Completed	Completed	Completed	Completed	Completed	Completed

Source: PPP Center as of 10 July 2017

INVESTMENT OPPORTUNITIES

PPP PORTFOLIO

Projects in the Pipeline	Project Cost (PhP)	Agency	Preparation of Business Case/ Feasibility Study	Under Evaluation	ICC Approval	NEDA Board Approval	Bidding Stage	Contract Awarded
Operation & Maintenance of LRT Line 2	No CAPEX	DOTr & LRTA	Completed	Completed	Completed	Completed	BID Submission Delayed	
Road Transport IT Infrastructure Project (Phase II)*	0.298 B	DOTr & LTFRB	Completed	Completed	Completed	Completed	For Procurement	
LRT Line 6 Project*	65.09 B	DOTr	Completed	Ongoing				
Manila Bay Integrated Flood Control, Coastal Defense and Expressway Project**	TBD	DPWH		Completed	Unsolicited Ongoing Evaluation			
East-West Rail Project**	TBD	PNR		Unsolicited Under Evaluation				
North-South Railway Project-South Line - Operation and Maintenance Component8*	TBD	DOTr	Project Under Development (Procurement of Consultants/Conceptualization)					
Integrated Transport System (ITS) - North Terminal Project*	TBD	DOTr						
San Ramon Newport Project***	TBD	ZAMBOECOZONE						
Cebu Bus Rapid Transit (BRT) Project - System Manager and Operator Contracts***	TBD	DOTr						
Motor Vehicle Inspection System Project	TBD	DOTr						
Clark International Airport Operations and Maintenance Project	TBD	DOTr BCDA						
Metro Manila Bus Rapid Transit (BRT) Project - System Manager and Operator Contracts***	TBD	DOTr						

Source: PPP Center as of 10 July 2017

NEDA BOARD APPROVED TRANSPORT PROJECTS

Project Title/Proponent Agency	Financing Source	M PhP	M $
Mindanao Railway Project - Tagum-Davao-Digos (MRP-TDD) / DOTr	Local Financing	35,257.00	700.14
Change in Scope and Financing of the North-South Railway - South Line Project / DOTr	ODA	285,000.00	5,659.57
Malolos-Clark Railway Project	ODA	211,425.20	4,198.51
Plaridel Bypass Toll Road Project / DPWH	Local Financing	10,496.43	208.44
Metro Manila Bus Rapid Transit (BRT) / DOTr	ODA	37,760.00	749.85
Improvement/Widening of General Luis Road (Quezon City to Valenzuela City) Project / DPWH	Local Financing	2,956.00	58.70
Increase in Passenger Terminal Building Area of Bicol International Airport / DOTr-CAAP	Local Financing	4,798.62	95.29
New Cebu International Container Port / DOTr-CPA	ODA	9,194.67	182.59
Change in Scope of the New Bohol Airport Construction and Sustainable Environment Protection Project/ DOTr-CAAP	ODA	7,772.91	154.36
Unbundling of the NEDA Board Approved Airport Projects: (i) Iloilo Airport Development, O&M Project; (ii) Bacolod Airport Development, O&M Project; (iii) Laguindingan Airport Development, O&M Project; (iv) Davao Airport Development, O&M Project; (v) New Bohol (Panglao) Airport Development, O&M Project / DOTr	Local Financing	108,180.00	2,148.26
Maritime Safety Capability Improvement Project for the PCG, Phase II / DOTr-PCG	ODA	8,017.00	159.20
	TOTAL	**720,857.83**	**14,314.91**

Financing	Cost (M PhP)	Cost (M $)	Number of Projects
Local	161,688.05	3,210.83	5
ODA	559,169.78	11,104.08	6
TOTAL	**720,857.83**	**14,314.91**	**11**