



Department of Transportation

Transport Modernization Program

Enhancing Connectivity through Urban Transport for a Low Carbon Future

04 June 2024 | Suntec Singapore Convention & Exhibition Centre

TIMOTHY JOHN R. BATAN

Undersecretary for Planning and Project Development

The Philippines is one of the fastest growing economies in the region

PHILIPPINES		ASEAN AVERAGE*	SINGAPORE	BRUNEI DARUSSALAM	CAMBODIA	INDONESIA	LAO PDR	MALAYSIA	MYANMAR	THAILAND	VIETNAM
300,000 ↓	LAND AREA (sq. km)	465,739 ↑	710	5,765	181,035	1,904,569	236,800	330,803	676,578	513,120	331,212
115,000,000 ↑	POPULATION (people)	63,000,000 ↓	6,000,000	500,000	18,000,000	276,000,000	7,000,000	33,000,000	55,000,000	70,000,000	101,000,000
385 ↑	POP. DENSITY (people per sq. km)	284 ↓	8,800	87	92	145	30	102	85	134	304
3,400 ↓	GDP (per capita, 2022)	9,700 ↑	60,000	77,000	2,600	4,200	2,700	11,400	1,400	7,300	2,800
5.7% ↑	GDP GROWTH RATE (annual change in %, 2022)	4.8% ↓	2.2%	3.2%	5.4%	4.7%	3.5%	4.0%	2.0%	3.8%	6.4%
25 ↓	MEDIAN AGE (years)	31 ↑	42	33	27	29	24	30	29	39	33
MANILA			LONDON	LONDON	LONDON	LONDON	LONDON	LONDON	LONDON	LONDON	LONDON
43	LAND AREA (sq. km)		100	678	662	3,920	243	7,054	1,569	3,325	
1,800,000	POPULATION (people)		100,000	2,100,000	10,500,000	900,000	1,800,000	900,000	8,300,000	7,100,000	
41,500	POP. DENSITY (people per sq. km)		1,000	3,100	16,000	240	7,400	130	5,300	2,100	
5,300	GRDP (per capita)		77,000**	2,600**	12,500	4,300	15,000	1,700	17,000	4,100	

Data used are rounded latest available.

*Compared with the Philippines.

Where are we

TOURISM

75th

OUT OF 117 COUNTRIES

based on

2021 TRAVEL & TOURISM INDEX¹

Tourism Share to GDP
(2022, PHP 1.38T)

6.2%

The Philippines got a score of **3.7**, lagging behind neighboring countries (**Indonesia at 4.4**, **Thailand at 4.3**, **Malaysia at 4.3**)

ROAD SAFETY

4.1%

Cost of road crash fatalities and injuries as % to GDP³

Road crash fatalities and serious injuries cost **~USD 11.08 BILLION**

URBAN MOBILITY READINESS

58th

OUT OF 60 COUNTRIES

based on 2021 **URBAN MOBILITY READINESS INDEX⁴**

Manila got a score of **31.2%**, lagging behind neighboring cities (**Kuala Lumpur at 45.1%**, **Jakarta at 39.9%**)

ENVIRONMENTAL

MOST VULNERABLE TO DISASTER RISK

out of **193** countries based on **2022 WORLD RISK INDEX⁵**

CLIMATE PROJECTIONS



1.8"-2.2°C increase in temperatures by 2050



Wetter wet season, drier dry season



Increased incidence of extreme weather and hazard events



0.48-0.65 m rise in sea levels by 2100

KEY CLIMATE IMPACTS

Agriculture

Crop loss/failure; soil erosion
Increased pest infestations
Rising food prices & food imports



Water

Water shortages
Degraded water quality
Increased flood & landslide risk



Energy

Reduced energy production potential
Increased demand for energy services



Coastal Ecosystems

Loss of coastal defense, marine habitat & biodiversity
Reduced fish populations



Infrastructure/Services

Damage to roads, bridges, and water and sanitation facilities



Human Health

Loss of life and livelihoods
Increased risk of vector-/waterborne disease and population displacement



USD 0.78 BILLION

(PHP 43.85 BILLION)

ANNUAL (2014) ECONOMIC LOSS DUE TO PORT CONGESTION⁶

~21,925

Modern PUJs (@USD 35K per unit)

~175,400

14ft. Fiberglass hull boats
(@USD 4.47K per unit)

LOGISTICS

LOGISTICS COST BY COMPONENT

27.16%

of sales as of 2018

Component	Percentage
Logistics Administration	2.47%
Inventory Carrying	8.78%
Warehousing	5.20%
Transport	10.71%

Higher than neighboring ASEAN countries:

Indonesia (**21.4%**), Vietnam (**16.3%**), and Thailand (**11.11%**)⁷

LOGISTICS PERFORMANCE

60th
(2018 LPI)

43rd

out of **139** countries based on

2023 LOGISTICS PERFORMANCE INDEX
with a World Bank Logistics Performance Index (LPI) of **3.3**
(from **2.9** in 2018, 1=Low, 5=High)⁸

[1] Travel & Tourism Development Index 2021: Rebuilding for a Sustainable and Resilient Future Insight Report. World Economic Forum. May 2022.

[2] Roadmap for Transport Infrastructure Development for GCR (JICA 2019)

[3] Philippines's Road Safety Country Profile (World Bank - Global Road Safety Facility 2016)

[4] Urban Mobility Readiness Index 2022 Report. Oliver Wyman Forum and University of California, Berkeley.

[5] WorldRiskReport 2022 - Focus: Digitalization. <https://reliefweb.int/report/world/worldriskreport-2022-focus-digitalization>.

[6] Philippine Institute of Development Studies (PIDS 2014)

[7] An Assessment of Logistics Performance of Manufacturing Firms in the Philippines (DTI and IFC (WB) 2018)

[8] World Bank Logistics Performance Index (<https://lpi.worldbank.org/international/global>)

Climate Change Risk Profile of the Philippines

2021 CLIMATE RISK INDEX¹

4th

OUT OF
180
COUNTRIES

Long-Term Climate Risk Index
(2000-2019 annual averages)

Countries most affected by weather events (2000-2019)

1	Puerto Rico
2	Myanmar
3	Haiti
4	Philippines
5	Mozambique
6	The Bahamas
7	Bangladesh
8	Pakistan
9	Thailand
10	Nepal

**MOST
VULNERABLE**
TO DISASTER RISK

OUT OF 193 COUNTRIES

Countries with the highest disaster risk worldwide are the **Philippines (WRI 46.82)**, India (WRI 42.31), and Indonesia (WRI 41.46).

2022 WORLD RISK INDEX²



$$\text{WorldRiskIndex} = \sqrt{\text{Exposure} \times \text{Vulnerability}}$$



CLIMATE PROJECTIONS



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0.48-0.65 m rise in sea levels by 2100

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Increased pest infestations
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Degraded water quality
Increased flood & landslide risk



Energy

Reduced energy production potential
Increased demand for energy services



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Loss of coastal defense, marine habitat & biodiversity
Reduced fish populations



Infrastructure/Services

Damage to roads, bridges, and water and sanitation facilities



Human Health

Loss of life and livelihoods
Increased risk of vector-/waterborne disease and population displacement



PHILIPPINE CLIMATE RISK PROFILE

Climate Stressors and Climate Risks URBAN INFRASTRUCTURE/SERVICES

Stressors	Risks
Increased temperatures	Damage to urban infrastructure, including roads and bridges
Severe weather events	Damage to water and sanitation facilities, increasing health risks
Sea level rise	Coastal inundation and storm surges, leading to infrastructure damage and forced migration

[1] Global Climate Risk Index 202. Germanwatch. <https://www.germanwatch.org/en/19777>.

[2] WorldRiskReport 2022 - Focus: Digitalization. <https://reliefweb.int/report/world/worldriskreport-2022-focus-digitalization>.

[3] Philippine Climate Risk Profile - Country Fact Sheet. United States Agency for International Development (USAID)

Vision, Mandate and Governing Policies

"We will transform the Philippine transport industry and elevate it to global standards.

Our mantra then shall be COMFORTABLE, ACCESSIBLE, SAFE, and AFFORDABLE transport service throughout the country."

Jaime J. Bautista
Secretary of Transportation



"We must keep the momentum. And aspire to

BUILD BETTER MORE."

President Ferdinand "Bongbong" Marcos, Jr. during his July 2022 SONA

8-POINT SOCIOECONOMIC AGENDA

of the Marcos Administration

NEAR-TERM

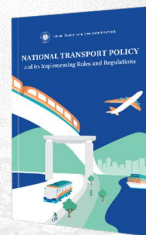
Protecting Purchasing Power and Mitigating Socio-economic Scarring

- 1 ENSURE FOOD SECURITY
- 2 REDUCE TRANSPORT AND LOGISTICS COSTS
- 3 REDUCE ENERGY COST TO FAMILIES
- 4 TACKLE HEALTH
- 5 STRENGTHEN SOCIAL PROTECTION
- 6 ADDRESS LEARNING LOSSES
- 7 ENHANCE BUREAUCRATIC EFFICIENCY
- 8 SOUND FISCAL MANAGEMENT

MEDIUM-TERM

Creating More Jobs, Quality Jobs, Green Jobs

- 1 PROMOTE INVESTMENTS
- 2 IMPROVE INFRASTRUCTURE
- 3 ENSURE ENERGY SECURITY
- 4 INCREASE EMPLOYABILITY
- 5 EXPAND & IMPROVE DIGITAL INFRASTRUCTURE
- 6 ENCOURAGE R&D AND INNOVATION
- 7 PURSUE A GREEN AND BLUE ECONOMY
- 8 ESTABLISH LIVABLE & SUSTAINABLE COMMUNITIES



NATIONAL TRANSPORT POLICY

TRANSPORT VISION

"safe, secure, reliable, efficient, integrated, intermodal, affordable, cost-effective, **environmentally sustainable**, and people-oriented national transport system that ensures improved quality of life of the people".

PHILIPPINE DEVELOPMENT PLAN 2023-2028

CHAPTER 12

SUSTAINABLE, RESILIENT, INTEGRATED, AND MODERNIZED INFRASTRUCTURE FACILITIES AND SERVICES DELIVERED

Seamless and inclusive connectivity via local and international linkages achieved

A National Transportation Master Plan will be formulated and adopted.

Intermodal transport facilities will be constructed and upgraded to achieve seamless connectivity.

Active transport networks will be developed.

Applicable mass transportation systems (i.e., railways, road-based, and ferry systems) will be developed in metropolitan areas.

The nautical highway will be improved.

Existing airports will be improved and new ones will be strategically developed to address future demand.

Cargo and freight rail infrastructure to connect strategic infrastructure such as ports will be developed and expanded.

Cold chain logistics and management facilities will be developed.

The implementation of the Unified Logistics Pass (ULP) and Transport Accreditation, Permit and Pass for Ports (TAPPP) will be made seamless and well-integrated.

Transport safety and security will be ensured.

Gender mainstreaming, inclusion, and accessibility will be main considerations in all stages of transport project implementation.

DOTr will bridge the gap towards our vision for the transportation sector

Pursuant to the marching orders of the President, DOTr will bridge the gap from where we are now towards the vision for the transportation sector where transportation services are **accessible, affordable, comfortable, safe and efficient** through DOTr's four transportation sectors...



DOTr will BUILD BETTER and BUILD MORE by...

2016-2022

2022-2028

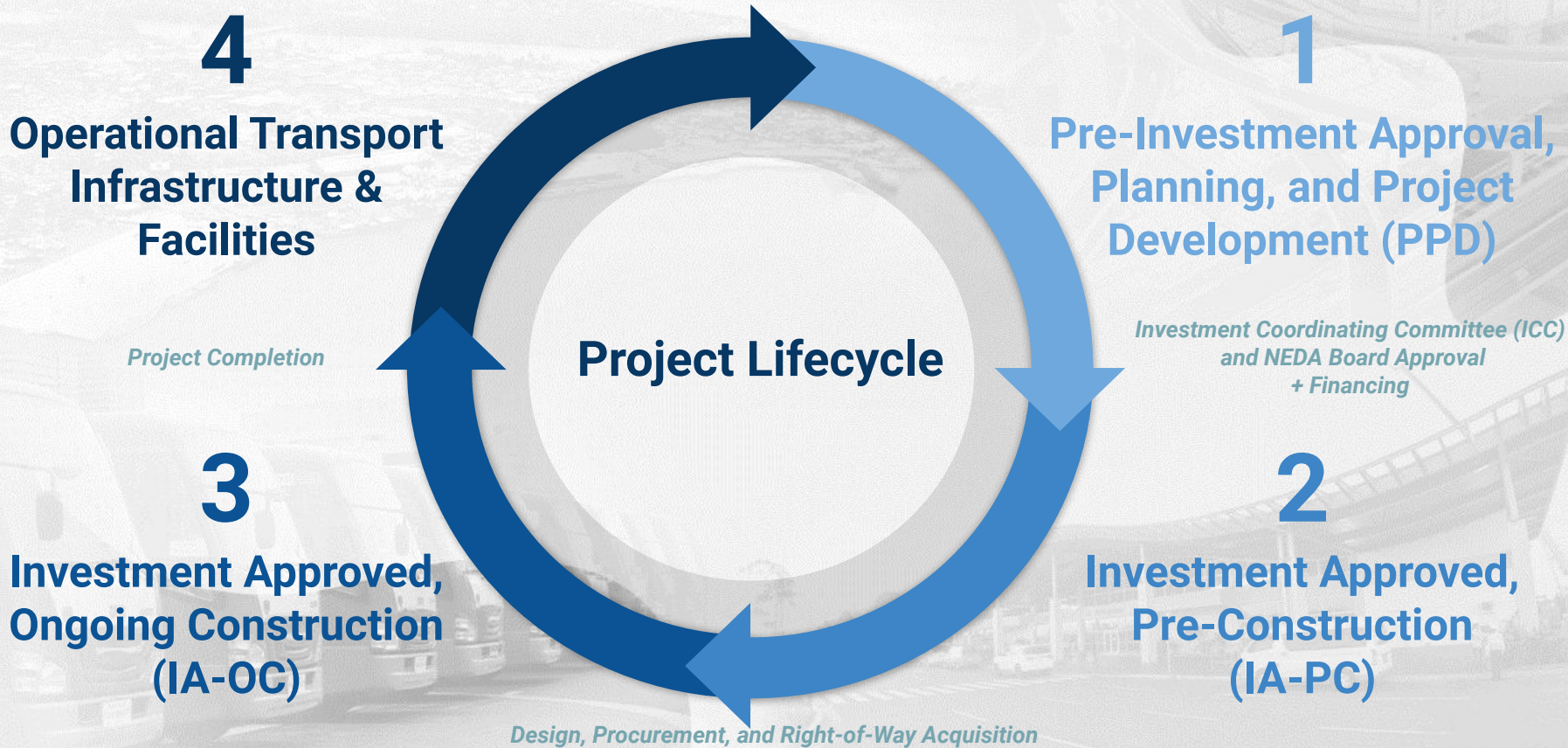
2028 AND BEYOND

Continuing and finishing projects from the **previous administration**

Starting and finishing projects by the **current administration**

Starting and passing projects to the **next administration**

Pushing projects through the project lifecycle



Aviation Sector Pipeline

1 Pre-Investment Approval, Planning, and Proj. Dev't. (PPD)*

1.1. MASTER PLANNING AND PROJECT IDENTIFICATION

Grants, TA/TC INTENDED	Grants, TA/TC MOBILIZED
Master Plan for National Airport Development	Regional Airports Public-Private Partnership (PPP) Scoping

1.2. PROJECT DEVELOPMENT

Grants, TA/TC INTENDED	Grants, TA/TC PROCESSING	Project Preparation Loans INTENDED
CNS/ATM Independent Backup System (IBS)	Pangasinan Airport	ADB Cagayanillo Airport
Solicited PPP MOBILIZED	Air Traffic System/ Air Navigation System	ADB New Baguio Airport
	Solicited PPP ONGOING	

ADB Bicol International Airport	ADB Tacloban Airport (Daniel Z. Romualdez)	ADB Hilongos Airport
ADB Busuanga Airport (Francisco B. Reyes)	ADB Camiguin Airport	ADB Siquijor Airport
ADB Laoag International Airport	ADB Calbayog Airport	ADB Surigao Airport
ADB Cauayan Airport	ADB Catbalogan Airport	ADB Butuan Airport
ADB Tuguegarao Airport	ADB Catarman Airport	ADB General Santos International Airport
ADB Basco Airport	ADB Ormoc Airport	ADB Bacolod-Silay International Airport
ADB Itbayat Airport	ADB Maasin (Pan-an-awan) Airport	ADB Cotabato Airport

Unsolicited PPP

ADB Kalibo International Airport	ADB Bukidnon Airport	ADB New Masbate Airport
ADB Puerto-Princesa International Airport	ADB Busuanga Airport	ADB New Siargao (Sayak) Airport
ADB Iloilo International Airport*	ADB Naga Airport	ADB New Zamboanga Airport
ADB Davao International Airport*	ADB Southern Batangas Airport	ADB Surigao Airport
	ADB Tacloban Airport	

TBD INTENDED

New Siargao Airport	Quirino Airport	Zamboanga International Airport
Vigan Airport	New Dumaguete Airport	

2 Investment Approved, Pre-Construction (IA-PC)*

Solicited PPP INTENDED

NAIA Modernization Project	Laguindingan Airport*	Bohol-Laguna International Airport*
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Pushing projects through the project lifecycle

4 Operational Transport Infrastructure & Facilities

Aviation

- 8 International Airports (4 CAAP)
- 41 Community Airports (CAAP)
- 20 Principal Class 1 Airports (CAAP)
- 19 Principal Class 2 Airports (CAAP)
- 203 Private Airstrips

3 Investment Approved, Ongoing Construction (IA-OC)*

MIA	New Manila International Airport
JICA	CNS/ATM Project
	Various Airport CapEx and Rehabilitation Projects

5 Thematic Initiatives

- 5.1. Lowering of Logistics Cost
- 5.2. Tourism
- 5.3. Transport Jobs Creation and Security
- 5.4. Industry Development
- 5.5. TOD
- 5.6. Transport Safety
- 5.7. Transport Security Program
- 5.8. ESG Considerations
- 5.9. Carbon Neutrality
- 5.10. Disaster Resilience
- 5.11. ROWSA
- 5.12. GEDSI
- 5.13. Institutional Strengthening & Rightsizing
- 5.14. Decoupling of Regulation-Operation
- 5.15. Digitalization
- 5.16. Automated Fare Collection
- 5.17. Electric Vehicles
- 5.18. PCG Modernization
- 5.19. Construction Safety
- 5.20. Fare Affordability

Infrastructure Flagship Project (IFP)

Non-exhaustive projects list

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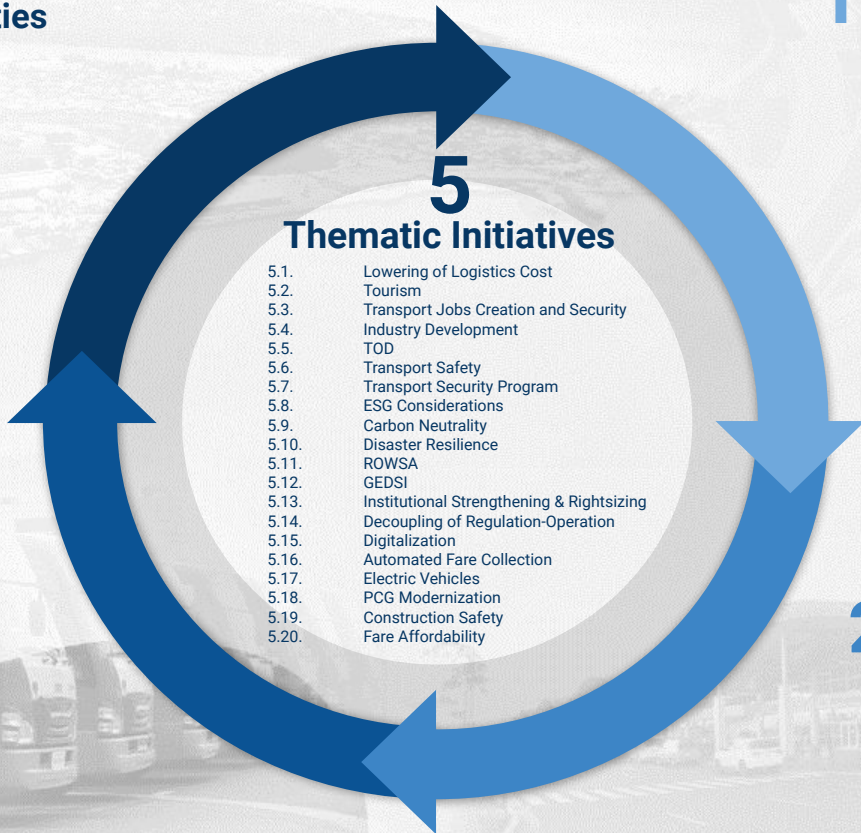
Pushing projects through the project lifecycle

4 Operational Transport Infrastructure & Facilities

- 879 PPA Ports
 - 115 Base Port and Terminal Ports
 - 361 Other Government Ports
 - 402 Private Ports
- 151 CPA Ports
- 1313 LGU Ports
- 7 Ports under other Port Management Bodies

3 Investment Approved, Ongoing Construction (IA-OC)*

- PCG Maritime Safety Capability Improvement Project I
- PCG Maritime Safety Capability Improvement Project II
- Various CapEx and Rehabilitation Projects



Maritime Sector Pipeline

1 Pre-Investment Approval, Planning, and Proj. Dev't. (PPD)*

1.1. MASTER PLANNING AND PROJECT IDENTIFICATION

- National Maritime Connectivity & Port Development Master Plan*
- PCG Master Development Plan*

1.2. PROJECT DEVELOPMENT

Grants, TA/TC INTENDED	Grants, TA/TC MOBILIZED
PCG National Headquarters	PCG Support Facility Development in Subic Bay Area
Project Preparation Loans PROCESSING	Solicited PPP UPCOMING PROCUREMENT
Farm-to-Market Ports Network	New Cebu Int'l Container Port Quay Crane Acquisition & O&M
Port Cold Chain Network	Solicited PPP MOBILIZED
Roll-on Roll-off (RoRo) Network Upgrade	Locally-Funded INTENDED
	Manila Bay-Pasig River-Laguna Lake Ferry System
	Eastern Nautical Highway Enhancement
	Sierra Madre Nautical Highway
	East-West Nautical Highway

2 Investment Approved, Pre-Construction (IA-PC)*

- PCG Maritime Safety Capability Improvement Project Phase III
- Maritime Safety Enhancement Project*
- New Cebu International Container Port Project*

Infrastructure Flagship Project (IFP)

Non-exhaustive projects list

*IA-OC / IA-PC projects may revert to PPD due to cost increase, change in scope, and/or updating of implementation timeline.

Pushing projects through the project lifecycle

4 Operational Transport Infrastructure & Facilities

- 77 (+1,132¹) km length of railways²
- 61 (+147¹) Stations
- 224 (+1,162¹) Train Cars

¹ Investment approved, financed, awarded, and/or ongoing construction.
² Operational railways include LRT-1, LRT-2, MRT-3, and PNR.

3 Investment Approved, Ongoing Construction (IA-OC)*

LRT Line 1 Cavite Extension	LRT-2 East Extension	MRT-3 Rehabilitation and Maintenance
MRT Line 7	Common Station	
North-South Commuter Railway System	Metro Manila Subway Project (Phase 1)	

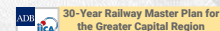
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- 5.14. Decoupling of Regulation-Operation
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Railways Sector Pipeline

1 Pre-Investment Approval, Planning, and Proj. Dev't. (PPD)*

1.1. MASTER PLANNING AND PROJECT IDENTIFICATION



1.2. PROJECT DEVELOPMENT

Project Preparation Loans PROCESSING	Project Preparation Loans MOBILIZED	PPP Solicited INTENDED
ADB Metro Manila Subway Project Phase 2	ADB Metro Manila Subway Project Phase 2	MRT Line 5
ADB Metro Rail Transit Line 4 Phase 2	ADB Marikina Secondary Line	PPP Solicited PROCESSING
ADB Subic-Clark Railway	ADB Pasig Secondary Line	MRT Line 3 O&M
ADB Cebu Urban Mass Rapid Transit	ADB Alabang-Zapote Secondary Line	MRT Line 4 O&M
	ADB Cavite Secondary Line	PPP Solicited MOBILIZED
		LRT Line 2 REOM
		North Long Haul
		Mindanao Railway Project Phase 3
Grants, TA/TC INTENDED	Grants, TA/TC MOBILIZED	PPP Unsolicited
JICA Metro Manila Subway Project Phase 2	ADB Antipolo Cable Car	Cebu Monorail
Vigan Tram	LRT-2 Cogo Extension	LRT Line 6A
	JICA NSCR New Clark City Extension	LRT Line 6BC
		C5 MRT Line 10
Locally Funded PROCESSING	Locally Funded PROCUREMENT	MRT Line 11
Samar-Leyte Railway	Panay Railway	
Calamba-Batangas Railway	Bataan Railway	
LRT Line 1 Infill Stations		

1.3. INVESTMENT EVALUATION

For Submission	For Reapproval/Restructuring
Metro Manila Subway Project O&M	MRT Line 4
North-South Commuter Railway System O&M	MRT Line 7
	Subic-Clark Railway
	LRT-2 East Extension

2 Investment Approved, Pre-Construction (IA-PC)*

LRT Line 2 West Extension	PNR South Long Haul	Mindanao Railway Phase 1	MRT Line 4	Subic-Clark Railway
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Infrastructure Flagship Project (IFP)

Non-exhaustive projects list
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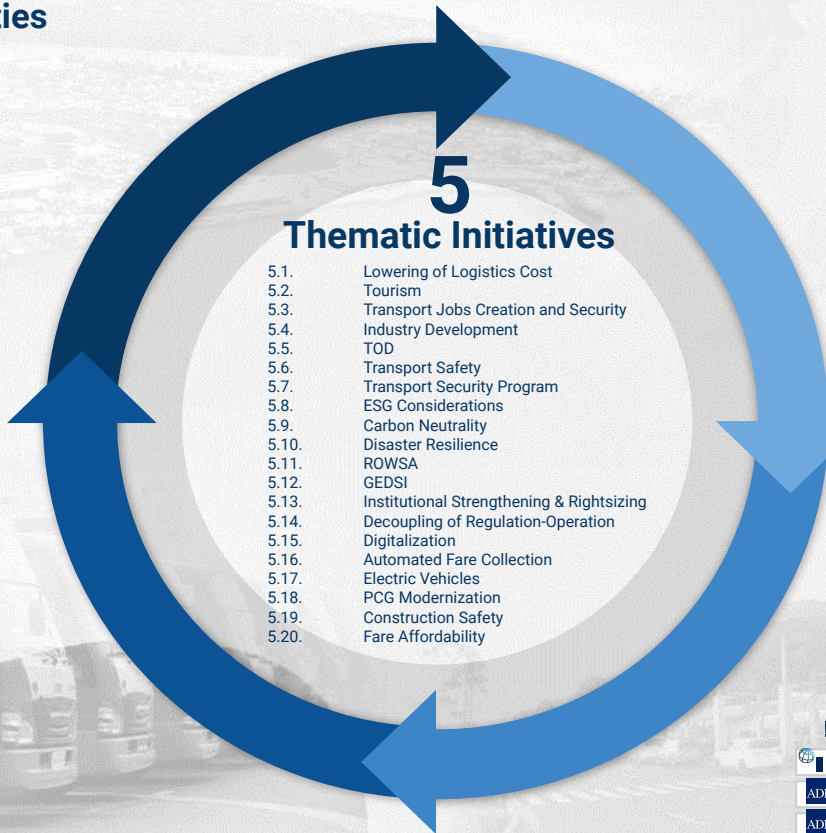
Pushing projects through the project lifecycle

4 Operational Transport Infrastructure & Facilities

- 5,879 Operating MPUJs
- 51 Operating Modern Minibus
- 1,046 Operating MPUBs
- 5.77M Registered Vehicles
- 132 Approved LPTRPs
- 564 km of bike lanes

3 Investment Approved, Ongoing Construction (IA-OC)*

- EDSA Busway
- LTO Infrastructure and Information System
- Active Transport



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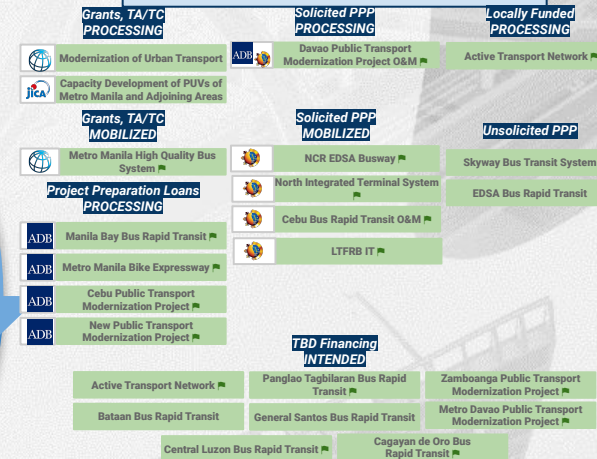
Road Sector Pipeline

1 Pre-Investment Approval, Planning, and Proj. Dev't. (PPD)*

1.1. MASTER PLANNING AND PROJECT IDENTIFICATION

National Active Transport Master Plan

1.2. PROJECT DEVELOPMENT



2 Investment Approved, Pre-Construction (IA-PC)*



Infrastructure Flagship Project (IFP)

Non-exhaustive projects list

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Pushing projects through the project lifecycle

4 Operational Transport Infrastructure & Facilities

3 Investment Approved, Ongoing Construction (IA-OC)*

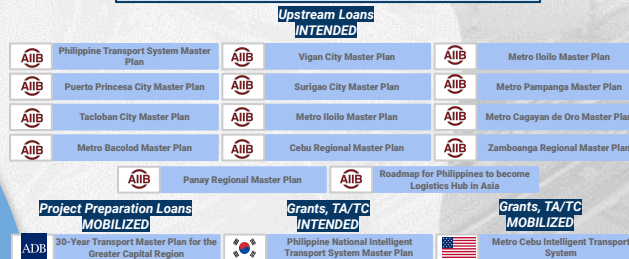
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Multi-Sector Pipeline

1 Pre-Investment Approval, Planning, and Proj. Dev't. (PPD)*

1.1. MASTER PLANNING AND PROJECT IDENTIFICATION



1.2. PROJECT DEVELOPMENT



2 Investment Approved, Pre-Construction (IA-PC)*

Infrastructure Flagship Project (IFP)

Non-exhaustive projects list

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IFPs Across the Project Lifecycle

69

INFRASTRUCTURE FLAGSHIP PROJECTS ("IFPs")
out of 185 IFPs of the PH Government as of March 2024 with indicative amount of

USD 107.58 BILLION out of USD 170.27 BILLION
(PHP 6,024.71 BILLION out of PHP 9,535.08 BILLION [63.1%])

13 **LOCALLY-FUNDED PROJECTS**

31* **OFFICIAL DEVELOPMENT ASSISTANCE - LOAN**

28* **PUBLIC-PRIVATE PARTNERSHIP PROJECTS**

69 projects include *Ilo-Ilo BRT* which might fall under a different Implementing Agency
*including hybrids

3

Investment Approved, Ongoing Construction (IA-OC)

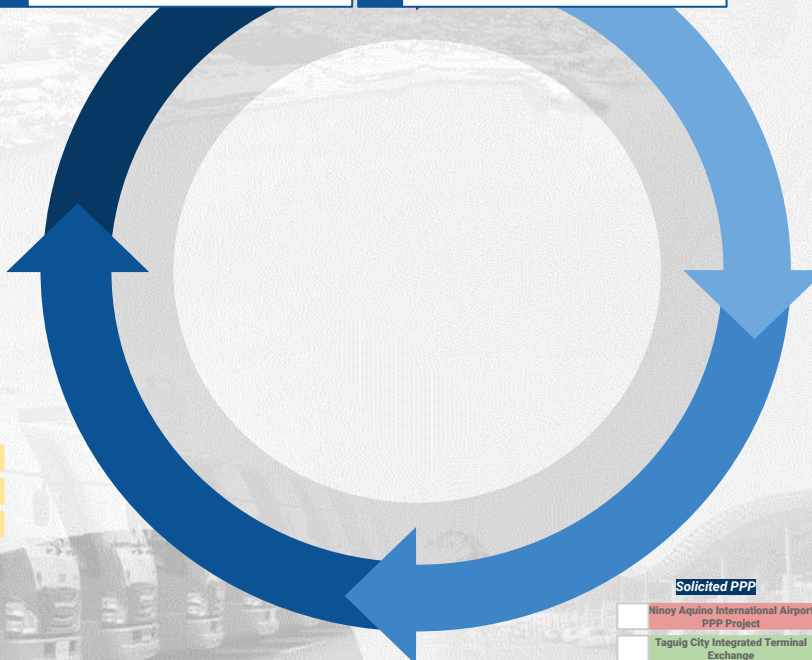
Unsolicited PPP

Project implementation Loan

<input type="checkbox"/> New Manila International Airport (Bulacan International Airport)	<input type="checkbox"/> Metro Manila Subway Project Phase 1
<input type="checkbox"/> MRT 7 Project	<input type="checkbox"/> MRT-3 Rehabilitation and Maintenance
	<input type="checkbox"/> North-South Commuter Railway System

Hybrid PPP-ODA

<input type="checkbox"/> LRT Line 1 Cavite Extension
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IFP Pipeline

1 Pre-Investment Approval, Planning, and Proj. Dev't. (PPD)*

Locally-Funded

Solicited PPP

Grants/TA/TC

<input type="checkbox"/> New Zamboanga Airport	<input type="checkbox"/> Air Traffic Services - Air Navigation Services (ATS-ANS)	<input type="checkbox"/> North-South Commuter Railway System New Clark City Extension
<input type="checkbox"/> Panay Railway System	<input type="checkbox"/> Manila Bay-Pasig River-Laguna Lake Ferry System	<input type="checkbox"/> LRT Line 2 Cogo Extension
<input type="checkbox"/> Central Luzon Bus Rapid Transit	<input type="checkbox"/> LRT Line 2 Operations & Maintenance	<input type="checkbox"/> Metro Manila High Quality Bus Corridors
<input type="checkbox"/> Active Transport Network	<input type="checkbox"/> Metro Manila Subway Project Operations & Maintenance	TBD
Project Preparation Loans	<input type="checkbox"/> Mindanao Railway Phase 3 (Northern Mindanao)	<input type="checkbox"/> New Masbate Airport Development Project
<input type="checkbox"/> New Bagulo Airport	<input type="checkbox"/> MRT 3 Operations & Maintenance	<input type="checkbox"/> Southern Palawan Airport Development Project
<input type="checkbox"/> New Cagayancillo Airport	<input type="checkbox"/> MRT Line 4 Operations & Maintenance	<input type="checkbox"/> New Siargao Airport
<input type="checkbox"/> Farm-to-Market Ports Network Project	<input type="checkbox"/> MRT Line 5	<input type="checkbox"/> Bukidnon Airport Development Project
<input type="checkbox"/> Port Cold Chain Network Project	<input type="checkbox"/> North Long Haul Inter-Regional Railway	<input type="checkbox"/> Busuanga Airport Development Project
<input type="checkbox"/> Roll-on Roll-off (RORO) Network Upgrade Project	<input type="checkbox"/> North-South Commuter Railway System O&M	<input type="checkbox"/> Tacloban Airport Development Project
<input type="checkbox"/> Cebu Urban Mass Rapid Transit (UMRT) Central Line	<input type="checkbox"/> San Mateo Railway	<input type="checkbox"/> Naga Airport Development Project
<input type="checkbox"/> Metro Manila Subway Project Phase 2	<input type="checkbox"/> Cebu Bus Rapid Transit Operations & Maintenance	<input type="checkbox"/> Laaog International Airport Development Project
<input type="checkbox"/> Subic-Clark-Manila-Batangas Railway Project	<input type="checkbox"/> Davao PTMP Operations & Maintenance	<input type="checkbox"/> Panglao-Tagbilaran Bus Rapid Transit
<input type="checkbox"/> Cebu Public Transport Modernization Project	<input type="checkbox"/> EDSA Busway (Improved)	<input type="checkbox"/> Zamboanga Public Transport Modernization Project
<input type="checkbox"/> Manila Bay Bus Rapid Transit	<input type="checkbox"/> North NCR Intermodal Transit Interchange	<input type="checkbox"/> Cagayan de Oro Bus Rapid Transit
<input type="checkbox"/> Metro Manila Bike Expressway Project	<input type="checkbox"/> Philippine Automated Fare Collection System	<input type="checkbox"/> Metro Davao Public Transport Modernization Project
<input type="checkbox"/> New Modern Public Utility Vehicle Service Contracting Program	<input type="checkbox"/> National Transportation Database	

2 Investment Approved, Pre-Construction (IA-PC)

Solicited PPP

Project implementation Loan

Locally-Funded

<input type="checkbox"/> Ninoy Aquino International Airport PPP Project	<input type="checkbox"/> New Dumaguete Airport Development Project	<input type="checkbox"/> MRT Line 4	<input type="checkbox"/> LRT Line 2 West Extension
<input type="checkbox"/> Taguig City Integrated Terminal Exchange	<input type="checkbox"/> Maritime Safety Enhancement Project	<input type="checkbox"/> PNR South Long Haul	
Unsolicited PPP	<input type="checkbox"/> New Cebu International Container Port Project	<input type="checkbox"/> Cebu Bus Rapid Transit	
<input type="checkbox"/> Bohol-Panglao International Airport	<input type="checkbox"/> Mindanao Railway Project Phase 1 (Tagum-Davao-Digos)	<input type="checkbox"/> Davao Public Transport Modernization Project	
<input type="checkbox"/> Laguingdan International Airport Project		<input type="checkbox"/> EDSA Greenways Phase 1	

DOTr is currently the largest MEGA PROJECT and BIG CONTRACTS manager in the PHL

DOTr as the largest MEGA PROJECT and BIG CONTRACTS MANAGER in the PHILIPPINES

71

AWARDED CONTRACTS
With USD 0.318B (PHP17.79 BILLION)
Average Original Contract Amount

USD 25.95 BILLION (PHP 1,453.43 BILLION)
TOTAL AMOUNT OF CONTRACTS AWARDED

~USD 318M
(PHP 17.79B)

Average Original Contract Amount of Awarded Contracts as of Apr 2024

Overall Market Responsiveness*:

*from the Rail Sector

57 Contract Packages

166 Bids

137 Companies

15 Participating Countries

How RESPONSIVE has the market been so far?

Record-breaking participation of bidders in NSCR Civil Works Procurement:

20 Contract Packages

64 Bids

31 Companies

10 Participating Countries

Philippines, South Korea, Indonesia, Turkey, HK SAR, Spain, China, Italy, Thailand, Japan

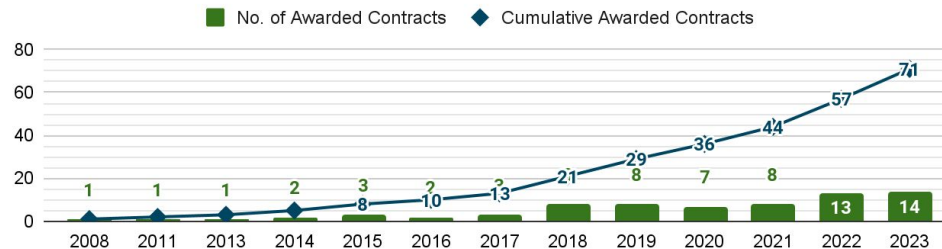
CONTRACTING STRATEGIES

BIG CONTRACTS, MOSTLY FIDIC

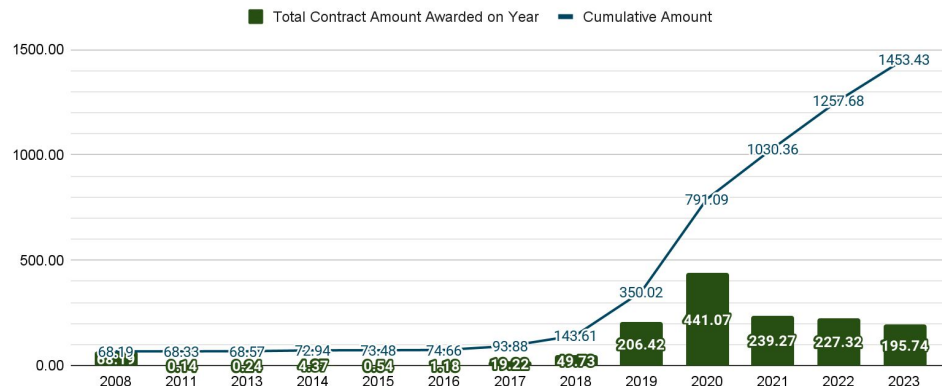
TRANSPARENT, EFFICIENT PROCUREMENTS

AWARDED CONTRACTS

NUMBER OF AWARDED CONTRACTS



TOTAL AMOUNT OF CONTRACTS AWARDED in PHP billions



DOTr is currently the largest MEGA PROJECT and BIG CONTRACTS manager in the PHL

RAILWAYS

CP Code Contract Amount/Est. Award Date Contractor/Consultant Logo/s L2EE Consultant (CW) 0.24B Dec 2013 	L3 RM SupCon 1.06B Dec 2019 	L4 EW402 1.03B Upcoming	MMSP CW CP101 38.38B Feb 2019 	MMSP CW CP109 25B Nov 2023 Ongoing	NSCR RS CP03 12.15B Jul 2019 	NSCR CW CPN02 33.71B Sep 2020 	NSCR CW CP03C 14.68B Sep 2022 	SLH PMC 14.38B Nov 2018 	MRP DB 70.19B Upcoming	
L1CE IC 0.54B Sep 2015 	L2EE Consultant (Interfacing) 0.15B Dec 2019 	L4 DEDC 1.13B Sep 2021 	L4 EW403 0.70B Upcoming	MMSP CW CP102 28.32B Sep 2022 	MMSP AW P2 0.69B May 2021 	NSCR EMS CP04 48B Nov 2022 	NSCR CW CPN03 22.78B Sep 2020 	NSCR CW CP04 19B Sep 2022 	SLH DB P1 141.79B Dec 2021 	IPIF Consultant 5.12 B Nov 2017
L1CE RS 14.95B Nov 2017 	L2EE CW Viaduct 2B Dec 2014 	L4 ICE 0.28B Jun 2022 	L4 EW404 0.58B Upcoming	MMSP CW CP103 32.21B Sep 2022 	MMSP O&M Upcoming	NSCR CW CP05 14.04B Upcoming	NSCR CW CPN04 21.49B Jul 2020 	NSCR CW CP05 38.33B Sep 2022 	SLH DB P2 46.87B Dec 2023 Upcoming	
L1CE Depot 5.29B Dec 2018 	L2EE CW Stations 1.17B Dec 2016 	L4 SOC 0.19B Jan 2023 	L4 CW CP402 20.71B Upcoming	MMSP CW CP104 20.46B Apr 2022 	CS Consultant 0.15B May 2011 MetroLink JV	NSCR GC 24B Aug 2019 	NSCR CW CPN05 16.55B Jul 2020 	NSCR CW CP06 33.68B Sep 2022 	SLH DB P3 26.35B Dec 2023 Upcoming	
L1CE PPP 39.57B Sep 2014 	L2EE EMS 3.49B Dec 2018 	L4 PMC 3.08B Upcoming	L4 CW CP403 9.73B Upcoming	MMSP CW CP105 20B Nov 2023 Ongoing	CS CW EMS 2.78B Dec 2018 	NSCR EMS NS01 110B Feb 2023 Mitsubishi Corporation	NSCR CW CPS01 12.01B Feb 2023 	NSCR CW CPS07 17.99B Sep 2022 	SLH DB P4 33.69B Dec 2023 Upcoming	
L1CE Depot Equipment 0.22B Dec 2021 	L2WE Consultancy 0.38B Jul 2019 	L4 EMS CP404 12.03B Upcoming	L4 CW CP405 25.69B Upcoming	MMSP EMS CP106 73.88B Oct 2021 	NSCR GC 6.56B Nov 2017 	NSCR Commuter RS NS02 32.53B Jan 2022 	NSCR CW CPS02 29.90B Feb 2023 	NSCR O&M Upcoming	SLH RS P5A 5B Jul 2022 Upcoming	
L1CE Depot Equipment 0.06B May 2022 	L2WE RS CW EMS 9.43B Upcoming	L4 CW CP401 17.82B Upcoming	L7 PPP 68.19B Jun 2008 	MMSP RS CP107 26.82B Dec 2020 	NSCR CW CP01 61.86B Mar 2019 	NSCR Airport RS NS03 11.73B Aug 2023	NSCR CW CPS03A 20.55B Apr 2023 	SCR EPCC 46.09B Dec 2020 	SLH RS P5B 5B Feb 2025 Upcoming	
L1CE/L2EE Consultant 1.70B Nov 2014 	L3 RM RMA 24.72B Dec 2018 	L4 EW401 0.01B Upcoming	MMSP GC 11.42B Nov 2018 	MMSP CW CP108 26.82B Nov 2023 Ongoing	NSCR CW CP02 29.33B Jan 2019 	NSCR CW CPN01 28.38B Sep 2020 	NSCR CW CPS03B 40.53B Feb 2023 	SCR Employer's Representative 1.17B Jan 2021 	MRP PMC 3.08B Aug 2021 	

Legend:

w/ investment approval and at least 1 live contract; may or may not have ongoing construction

w/ investment approval, Ongoing / Upcoming Procurement

No investment approval

- CW: Civil Works
- EMS: Electromechanical Systems
- RS: Rolling Stock
- EPCC: Engineering, Procurement, Construction, Commissioning
- DB: Design-Build
- GC: General Consultant
- PMC: Project Management Consultant

Contracts
57 Awarded
4 Ongoing Procurement
20 Upcoming Procurement

DOTr is currently the largest MEGA PROJECT and BIG CONTRACTS manager in the PHL

AVIATION, MARITIME, & ROAD

Legend:



LIGHT No investment approval

MEDIUM w/ investment approval, Ongoing / Upcoming Procurement

DARK w/ investment approval and at least 1 live contract, may or may not have ongoing construction

HOLLOW Completed

CW: Civil Works
EPCC: Engineering, Procurement, Construction, and/or Commissioning
DB: Design-Build
DED: Detailed Engineering Design
OAT: Operate-Add-Transfer
BOT: Build-Operate-Transfer
BTO: Build-Transfer-Operate
BOO: Build-Own-Operate
O&M: Operations and Maintenance
CS: Consultancy Services
PMC: Project Management Consultant
CSC: Construction Supervision Consultant
SI: System Integrator
EEM: External Evaluation and Monitoring
CA: Communications Agency
TAS: Transaction Advisory Services
PA: Procurement Advisor

CP Code Contract Amt./Est. ² Award Date Proponent/ Contractor/ Consultant Logo/s	CGY OAT TBD Ongoing	MSCIP I EPCC Vessel Procurement 5.65B Apr 2015 	DPTMP CS1 General 1.85B Ongoing	DPTMP SI1 ITS 4.92B Upcoming	CBRT CS2 Social Management 1.029B Jan 2018 	CBRT CW1 0.92B Nov 2022
CNS/ATM CS 0.9B November 2007 	TAG OAT TBD Upcoming	MSCIP II CS 0.19B Nov 2018 	DPTMP CS2 Systems Admin. 0.48B Ongoing	DPTMP SI2 AFCS 1.7B Upcoming	CBRT CS3 Financial Management 1 1.41M Dec 2016	CBRT CW2-3 5.27B Upcoming
CNS/ATM CW1 ATM Building December 2010 	NCICPP CS 2.72B Mar 2019 	MSCIP II EPCC 6.05B Dec 2019 	DPTMP CW1 4.44B 2023 	DPTMP EEM 0.05B Upcoming	CBRT CS3 Financial Management 2 3.1M Feb 2023	CBRT CW4 1.16B Upcoming
CNS/ATM CW2 Radar Sites June 2011 	NCICPP CW 5.9B Ongoing	PITx BTO 3.15B 2014 	DPTMP CW2 4.10B 2023 	DPTMP CA 0.33B Upcoming	CBRT CS4 PT Planning & Policy 32.5M Mar 2016	CBRT ATC/ITS 0.18B Upcoming
NMIA BOT 735.6B Aug 2019	NCICPP EPCC Quay Cranes Proc. 1.58B Upcoming	TCITx BTO 4.52B 2015 	DPTMP CW3 5.2B 2023 	DPTMP O&M 0.21B Upcoming	CBRT CS5 ATC/ITS 5.38M Jan 2016	CBRT TSC3 0.29B Upcoming
DGT CS Upcoming	MSEP CS 34B Upcoming	EGWP CSC 7.28B Upcoming	DPTMP CW4 7.98B 2023 	DPTMP ITS TBD Upcoming	CBRT DED/CSC 0.52B Mar 2015 	CBRT PPP TBD Upcoming
DGT EPCC Upcoming	MSEP CW 4.71B Upcoming	EGWP CW1 4.025B Upcoming	DPTMP EPCC1 Bus Fleets - Diesel 10.68B Ongoing	DPTMP AFCS TBD Upcoming	CBRT PA1 6.41M 2016	PAFCS TBD Upcoming
NAIA PPP 2024	MSCIP I CS 0.15B Oct 2014 	EGWP CW2 2.916B Upcoming	DPTMP EPCC2 Bus Fleets - EV 13.07B Ongoing	CBRT CS1 Technical Support 0.36B Sep 2018 	CBRT PA2 9.39M Dec 2021	

Contracts

26 Awarded












6 Ongoing Procurement

21 Upcoming Procurement

[1] List Not Exhaustive

[2] Total Project Costs for PPP Projects

Foreign Assisted Projects (FAPs) Contract Packages (CPs) Procurement Pipeline

	UPCOMING	ONGOING	
		PRE-BID SUBMISSION	POST-BID SUBMISSION
	20 CPs USD 1.10 BILLION	1 CP USD 8.57 MILLION	7 CPs USD 1.96 BILLION
AVIATION 2 CPs USD 0.19 B	 DGT-CS DGT-DB		
MARITIME 8 CPs USD 0.67 B	 MSEP-CS MSEP-CW MSEP-2BTV  MSCIP1-CS MSCIP1-SBCE MSCIP3-CS  NCICP-CW <small>For MSEP: CW Romblon Buoy Base Civil Works; 2BTV Buoy Tender Vessels (2x); For MSEP1: CS Secure Shore-Based Communications Equipment; For MSCIPs: CS Consultancy Service; SMRRVs 5 Multi-Role Response Vessels; SBCE Secure Shore-Based Communications Equipment; MSCIP3-5MRRVs</small>		
RAILWAYS 3 CPs USD 1.34 B			 MMSP-CP105 MMSP-CP108 MMSP-CP109 <small>CP105 Kalyaan and Bonifacio Global City (BGC) Stations and Tunnel Works; CP108 Lawton Station and Senate-Deped Station and Tunnel Works; CP109 Ninoy Aquino International Airport (NAIA) Terminal 3 Underground Station and Tunnel Works</small>
ROAD 14 CPs USD 0.88 B	 DPTMP-CP07 EGP-CP1 CBRT-P2&P3  DPTMP-CP08 EGP-CP2 CBRT-P4  DPTMP-CP11 EGP-CS CBRT-ATC/ITS  DPTMP-CP12 <small>For DPTMP: CP07 System Integrator - ITS; CP08 System Integrator - AFCS; CP11 External Evaluation and Monitoring; CP12 Communications; For EGP: CP1 Design & Build (Balintawak & Cubao); CP2 Design & Build (Guadalupe & Taft); CS Construction Supervision Consultant; For CBRT: P2&P3 RP to N.Bacalso and Capitol - IT Park and Feeder Line; P4 Bulacao-Mambaling Trunk Section; ATC/ITS Advanced Transportation Controller/Intelligent Transportation Systems; For DPTMP: CP10 System Administrator</small>	 DPTMP-CP10 <small>For DPTMP: CP10 System Administrator</small>	 DPTMP-CP05 DPTMP-CP06 DPTMP-CP09 <small>CP05 Bus Fleets - Diesel; CP06 Bus Fleets - EV; CP09 General Consultant</small>

SUMMARY

ACCORDING TO PROCUREMENT STATUS	
Upcoming	20
Ongoing; Pre-Bid Submission	1
Ongoing; Post-Bid Submission	7

ACCORDING TO CONTRACT TYPE		
Consultancy	10	USD 0.08 B
Civil Works	10	USD 2.40 B
Goods	8	USD 0.96 B

ACCORDING TO DEVELOPMENT PARTNER		
	16	USD 1.11 B
	7	USD 1.73 B
	6	USD 0.47 B
 	4	USD 0.12 B

LEGEND:
■ RED Consultancy
■ YELLOW Civil Works
■ GREEN Goods

PROJECT CODES:
Aviation
■ **DGT** New Dumaguete Airport Development Project
Maritime
■ **MSCIP1** Maritime Safety Capability Improvement Project Phase I
■ **MSEP** Maritime Safety Enhancement Project
■ **NCICP** New Cebu International Container Port Project

Rail
■ **MMSP** Metro Manila Subway Project

Road
■ **CBRT** Cebu Bus Rapid Transit
■ **DPTMP** Davao Public Transport Modernization Project
■ **EGP** EDSA Greenways Project

CONTRACT CODES:
■ **CS** Consultancy Service ■ **CP / P** Contract Package
■ **CW** Civil Works ■ **DB** Design-Build

DOTr will BUILD MORE by BUILDING BETTER

How are we *Building Better*?

Better Project Identification, Prioritization, and Preparation

- ✓ Gap Analysis vis-a-vis Existing Master Plans
- ✓ Updating and Development of New Master Plans
- ✓ Prioritization of Master Plan-Identified Projects
- ✓ More Robust Project Preparation

Broader and More Diversified Funding Strategy

- ✓ Diversifying Funding & Financing Partners
- ✓ Diversifying into PPP Funding
- ✓ Broadening Funding Resources

Better Project Implementation Strategies

- ✓ Continuity
- ✓ Strengthening of Institutional Capacity
- ✓ Strategic Contracting and Credible Procurement
- ✓ Environmental, Social, and Governance (ESG)
- ✓ Absorptive Capacity

THINK
BIG

BIG SOLUTIONS FOR BIG PROBLEMS

DOTr will BUILD BETTER by

Better Project Identification, Prioritization, and Preparation

Broader and More Diversified Funding Strategy

Better Project Implementation Strategies

1 Pre-Investment Approval, Planning, and Project Development (PPD)

1.1. Master Planning & Project Identification 1.2. Project Development 1.3. Investment Evaluation

46+ AVIATION	19+ MARITIME
42+ RAILWAYS	27+ ROAD
27+ MULTISECTOR	

Investment Coordinating Committee and NEDA Board Approval + Financing

2 Investment Approved, Pre-Construction (IA-PC)

2.1. Design 2.2. Procurement 2.3. Right-of-Way

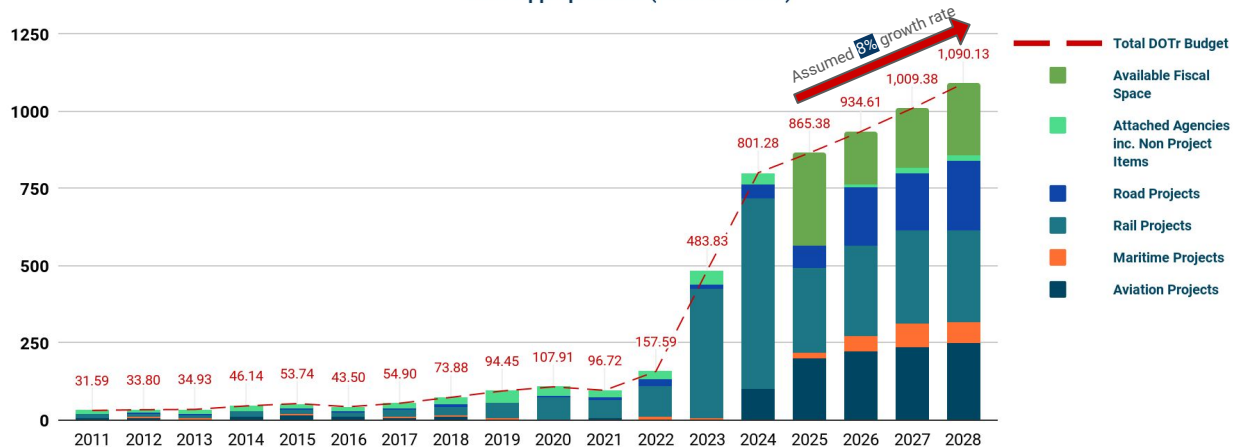
3 Investment Approved, Ongoing Construction (IA-OC)*

4 Operational Transport Infrastructure & Facilities



While **near-term fiscal space is occupied** by ongoing Rail Projects, projected **uncommitted fiscal space after peak rail disbursement is 889 Billion (USD 15.875 Billion)**

DOTr Appropriations (in Billions PHP)



Projected Available Fiscal Space (in Billion)

Year	2025	2026	2027	2028	TOTAL
Available Fiscal Space (Billion PHP)	₱299	₱169	₱191	₱230	₱889
Available Fiscal Space (Billion USD)	\$ 5.3	\$ 3.02	\$ 3.41	\$ 4.11	\$15.875

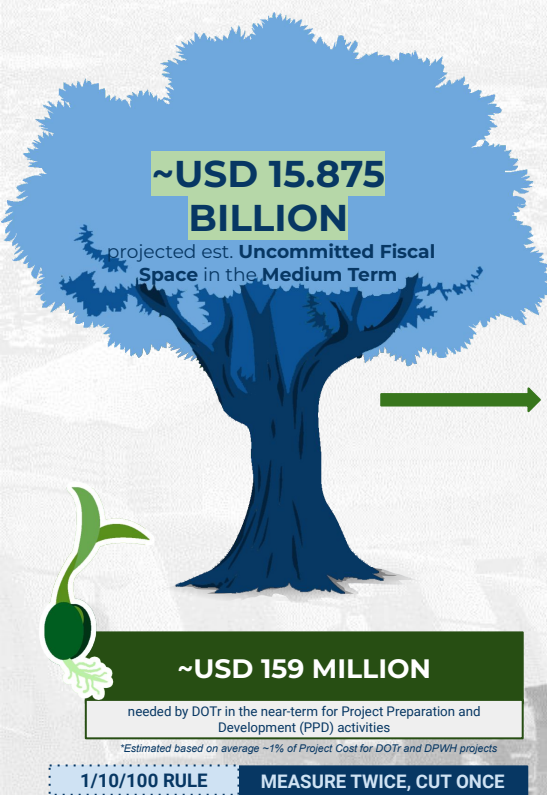
TOTAL ESTIMATED UNCOMMITTED FISCAL SPACE

¹ 2025-2028 Projections for Total DOTr Budget are based on an **8% annual growth**.

² 2025-2028 Projections for the 4 Sectors and the Attached Agencies inc. Non-Project Items are based on **Public Investment Program Online ("PIPOL") Project Briefs**

in Billions USD	AQUINO ADMINISTRATION						DUTERTE ADMINISTRATION						MARCOS ADMINISTRATION					
Items	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total DOTr Budget	0.56	0.60	0.62	0.82	0.96	0.78	0.98	1.32	1.69	1.93	1.73	2.81	8.64	14.31	15.45	16.69	18.02	19.47
Aviation Projects	0.09	0.12	0.05	0.16	0.25	0.17	0.12	0.17	0.07	0.04	0.09	0.07	0.06	1.80	3.61	3.94	4.23	4.49
Maritime Projects	0.03	0.10	0.04	0.06	0.09	0.04	0.08	0.10	0.03	0.02	0.01	0.09	0.06	0.03	0.28	0.91	1.38	1.21
Rail Projects	0.21	0.17	0.21	0.26	0.27	0.22	0.39	0.51	0.89	1.23	1.04	1.83	7.50	11.00	4.92	5.20	5.36	5.26
Road Projects	0.01	0.04	0.06	0.07	0.07	0.09	0.09	0.13	0.03	0.10	0.16	0.35	0.20	0.76	1.27	3.43	3.28	4.01
Attached Agencies & Non Project Items	0.22	0.18	0.26	0.28	0.27	0.25	0.30	0.41	0.66	0.53	0.43	0.48	0.84	0.71	0.05	0.18	0.37	0.39

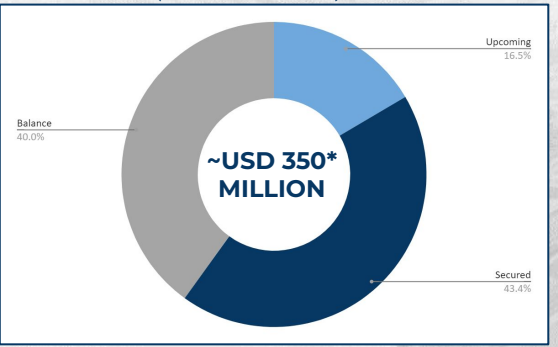
Pushing PPD projects into implementation requires Project Development resources



- How are we addressing this?**
- ✓ Diversifying ODA Partners to Access More PPD Resources
 - ✓ Utilizing PPP Project Preparation Facilities

Planning and Project Development Resources (as of December 2023)

In USD M	Upcoming	Secured	Total
PPP	2.91	15.69	18.60
Loans	51.73	107.24	158.97
Grants	2.44	10.31	12.75
LFPs		16.96	16.96
TOTAL	57.08	150.21	207.28
Balance			~150.0



UPSTREAM AND MIDSTREAM LOAN FACILITIES

UPSTREAM PROJECT PREPARATION

- ✓ MASTER PLANS
- BANK (AIIB)**
Facility for Accelerating Studies for Infrastructure **USD 44.0 MILLION**

MIDSTREAM PROJECT PREPARATION

- ✓ FEASIBILITY STUDIES
- ✓ DETAILED DESIGN
- ✓ PROCUREMENT SUPPORT
- ASIAN DEVELOPMENT BANK**
Infrastructure Preparation and Innovation Facility **~USD 100 MILLION**
OUT OF USD 200M SHARED WITH DPWH

PPP RESOURCES

- WORLD BANK GROUP**
International Finance Corporation (IFC)
- ASIAN DEVELOPMENT BANK**
Office of Public-Private Partnership (OPPP)
- PPP CENTER**
Project Development and Monitoring Facility

~USD 19 MILLION

LOCALLY-FUNDED

LOCALLY-FUNDED

~USD 17 MILLION

1/10/100 RULE MEASURE TWICE, CUT ONCE

DOTr will BUILD BETTER by

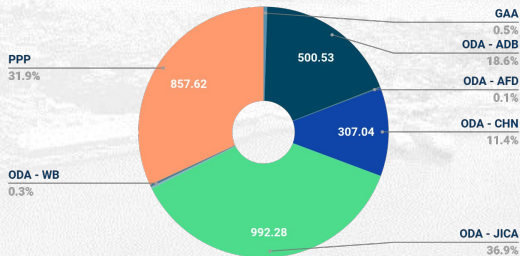
Better Project Identification, Prioritization, and Preparation

Broader and More Diversified Funding Strategy

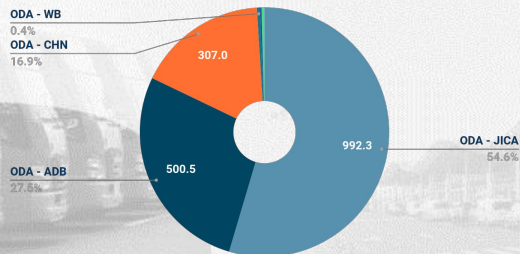
Better Project Implementation Strategies

Projects Funding Mix (in Billions)	2022	% of Total
ODA	USD 32.44	67.61%
PPP	USD 15.31	31.90%
GAA	USD 0.24	0.49%
TOTAL	USD 48.01	100.00%

! MOSTLY ODAs



ODA FUNDING MIX



ODA Funding Mix (in Billions)	2022	% of Total
JICA	USD 17.72	54.59%
ADB	USD 8.94	27.53%
CHN	USD 5.49	16.89%
WB	USD 0.14	0.43%
AFD	USD 0.05	0.17%
KEXIM	USD 0.11	0.34%
ADB (ASEAN-IF)	USD 0.11	0.05%
TOTAL	USD 32.46	100.00%

! 99% with 3 ODA Partners

USD 159 MILLION

DOTr FS Fund / Project Preparation Grants / Technical Assistance / Technical Cooperation / Non-Reimbursable Facilities / Project Preparation Loans

PROJECT PREPARATION

PROJECTED EST. UNCOMMITTED FISCAL SPACE IN THE MEDIUM-TERM

to fund operations and project implementation of the four transportation sectors.

PROJECT IMPLEMENTATION

PRIVATE-FINANCED

PPP CENTER
Project Development & Monitoring Facility (PDMF)

ASIAN DEVELOPMENT BANK
Office of Public-Private Partnership (OPPP)

WORLD BANK GROUP
International Finance Corporation (IFC)

53+

Transportation PPP Projects

Diversifying into PPPs; Enhancing the Enabling Environment

PPP CODE OF THE PHILIPPINES

PRESIDENTIAL DIRECTIVE



"The planned expansion of infrastructure projects, I believe, would be possible if we continue to encourage the participation of the private sector in the development of our programs."

"Public Private Partnerships or PPPs hold great potential for that expansion, for infrastructure development and for innovation."

President Ferdinand "Bongbong" Marcos Jr. during his July 2022 SONA

RA 11966: PPP Code of the Philippines

RA 11966 or the PPP Code of the Philippines took effect last 23 December 2023 to allow mobilization of private sector resources as an engine for capital and a catalyst for growth.

MORE PPP TYPES PERMITTED

Type 1

PPPs THAT DO NOT NEED FISCAL SPACE

Unlimited number of Type 1 PPPs possible, with the **only constraint** being Project Preparation bandwidth (financial and manpower).

Type 2

PPPs THAT DO NOT NEED FISCAL SPACE

Limited fiscal space constrains implementation of this type of PPPs in the near term. Type 2 PPPs where payments start after construction possible.

2022-2028 MEDIUM-TERM FISCAL FRAMEWORK (MTFF).

- Strategic Utilization of PPPs
- Encouraging Solicited PPPs to Improve Infrastructure
- Private Sector and Localized Participation in Public Investments

AMENDED PUBLIC SERVICE ACT

RA 11659: Amended Public Service Act

On March 21, 2022, President Duterte signed Republic Act No. 11659 into law. The law amends the Commonwealth Act No. 146, otherwise known as the Public Service Act (PSA), which was passed in 1936.

The Implementing Rules and Regulations (IRR) of the **AMENDED PUBLIC SERVICE ACT** took effect on **04 April 2024**

- Enabled the liberalization of key public services by allowing full foreign ownership of businesses in select industries such as **AIRPORTS, RAILWAYS, EXPRESSWAYS, and TELECOMMUNICATIONS.**

Prior to this, foreign ownership in these industries was limited to 40%. The amendments also **provide safeguard provisions protecting the country against national security concerns** that may arise from proposed mergers, acquisition, or any investment in a public service.

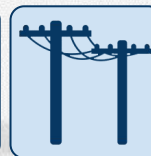
NEW SUBCLASSIFICATIONS OF PUBLIC SERVICES

CRITICAL INFRASTRUCTURE

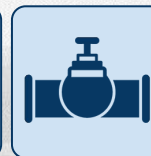
PUBLIC UTILITIES



ELECTRICITY DISTRIBUTION



ELECTRICITY TRANSMISSION



PETROLEUM PRODUCTS TRANSMISSION SYSTEMS



WATER / WASTEWATER PIPELINE SYSTEMS



PUBLIC UTILITY VEHICLES¹

- With the Latest Amendments, the Philippines has taken great leaps to open up a number of sectors to full foreign ownership, and it is anticipated that this landmark legislation will significantly change the Philippine business landscape as it creates more opportunities for foreign direct investment and increases competition.

PPPs AND PDMF APPROVAL AND CONSULTANCY CONTRACT SIGNED

ACTUAL | TARGET | ● Procurement of Consultant / Transaction Advisor | ● Pre-Feasibility Phase | ● Feasibility Phase | ● Investment Evaluation Phase | ● Concessionaire Procurement Phase | ● Project Implementation Phase

PROJECT CODE	PDMF APPROVAL	CONSULTANCY CONTRACT SIGNED	CONSULTANT	STATUS	2022				2023				2024				2025				2026				2027				2028			
					1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
DOTr FUNDED																																
D.1	MMSP O&M	N/A	01 Dec 2019	ADB	Investment Evaluation																											
D.2	NSCR O&M	N/A	01 Dec 2019	ADB	Investment Evaluation																											
D.3	NAIA	N/A	03 April 2024	ADB	CA Signed																											
D.4.1	6X RAs	N/A	03 April 2024	ADB	Ongoing FS																											
D.4.2	6X RAs	N/A																														
D.4.3	5X RAs	N/A																														
PDMF BATCH 1																																
1.1	MPL	12 Dec 2022	14 Aug 2023	SGV	Ongoing Pre-FS																											
1.2	NLH	12 Dec 2022	14 Aug 2023	PwC	Ongoing Pre-FS																											
1.3	NEB	12 Dec 2022	14 Aug 2023	Deloitte	Ongoing Pre-FS																											
1.4	CBRT PPP	14 Dec 2021	14 Aug 2023	Deloitte	Ongoing FS																											
PDMF BATCH 2																																
2.1	SMR	17 Feb 2023	22 Dec 2023	Rebel Group	Ongoing Pre-FS																											
2.2	MRP3	17 Feb 2023	22 Dec 2023	Deloitte	Ongoing Pre-FS																											
2.3	NITS	22 June 2023	22 Dec 2023	SGV	Ongoing Pre-FS																											
PDMF BATCH 3																																
3.1	DOTr HQ	26 Sep 2023	TBD	TBD	Ongoing CA Procurement																											
3.2	ATS-ANS	27 Oct 2023	21 Nov 2023	IFC	Ongoing FS																											
3.3.1	3X RA USPs	27 Oct 2023	22 Nov 2023	IFC	Ongoing USP Review/Nego																											
3.3.2	UP TO 10X RAs	N/A																														
3.4.1	L2 REOM	27 Oct 2023				22 Nov 2023	IFC	Ongoing FS																								
3.4.2	L6		Ongoing USP Review/Nego																													
3.4.3	L10		Ongoing USP Review/Nego																													
3.4.4	L11		Ongoing USP Review/Nego																													
PDMF BATCH 4																																
4.1	NCICP O&M	23 Jan 2024	TBD	IFC	Ongoing TA Procurement																											
4.2	L3 O&M	23 Jan 2024	TBD	ADB	Ongoing TA Procurement																											
4.3	L4 O&M	23 Jan 2024	TBD	ADB	Ongoing TA Procurement																											
4.4	PAFCS	23 Jan 2024	TBD	ADB	Ongoing TA Procurement																											
PDMF BATCH 5																																
5.1	NAIA IC	01 Apr 2024	TBD	TBD	Ongoing TA Procurement																											
5.2	DPTMP O&M	01 Apr 2024	TBD	ADB	Ongoing TA Procurement																											
PDMF BATCH 6 (UPCOMING)																																
6.1	L5	TBD	TBD	IFC	Ongoing PDMF Application																											
6.2	MMSP CUDDI	TBD	TBD	ADB	For Application to PDMF																											
6.3	TOD DSA	TBD	TBD	ADB	For Application to PDMF																											
6.4	TOD WB-CI	TBD	TBD	IFC	For Application to PDMF																											
6.5	NEB-CBRT AA	TBD	TBD	IFC	For Application to PDMF																											

LEGEND:

- Aviation
- Maritime
- Railways
- Road
- Others

PROJECT CODES:

<ul style="list-style-type: none"> ■ MPL Manila Bay/Pasig River/Laguna Lake Ferry ■ NAIA NAIA PPP Project ■ AT/ANS Traffic System/Air Navigation System ■ RA Development, Rehabilitation/Upgrading, Operations and Management of Various Regional Airports ■ NAIA IC NAIA PPP Independent Consultant 	<ul style="list-style-type: none"> ■ NCICP O&M New Cebu International Container Port Project ■ NSCR O&M Acquisition of Equipment (including Quay Cranes) and Operations and Maintenance ■ NLH North Long Haul (NCR-Iloocos Norte and Gagayan) Inter-Regional Railway Project ■ SML San Mateo Railway Project ■ MRP3 Mindanao Railway Project, Phase III (Northern Mindanao) ■ L2 REOM Development, Rehabilitation/Upgrading, Expansion, Operations and Management of the Light Rail Transit Line 2 ■ L3 O&M Metro Rail Transit Line 3 Operations and Maintenance Project ■ L4 O&M Metro Manila Rail Transit Line 4 Operations and Maintenance Project 	<ul style="list-style-type: none"> ■ L5 Line 5 Subway Project (formerly MTSL Project) ■ MMSP CUDDI MMSP Common Underground Data Infrastructure ■ ROAD NCR EDSA Busway Project ■ NEB NCR EDSA Busway-Cebu Bus Rapid Transit Adviser's Advisory ■ NEB-CBRT AA Operations and Maintenance of the Cebu Bus Rapid Transit Project ■ NITS North Integrated Transport System Project ■ DPTMP O&M Divvo Public Transport Modernization Program Operations and Maintenance ■ IITS LTO-LTRFB Integrated IT System Project 	<ul style="list-style-type: none"> ■ DOTr HQ DOTr Headquarters Building ■ PAFCS Philippine Automatic Fare Collection System Project ■ TOD DSA Transit Oriented Development Project on Dep-Ed-Senate Area ■ TOD WB-CI Transit Oriented Development Project (WB-CI)
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Infrastructure Flagship Project (IFP)

Diversifying Funding & Financing Partners

WHY DIVERSIFY?



Access Sufficient Project Preparation Assistance

Access Specialized Expertise

Ensure Debt Affordability

Avoid Cluster Risk

Upcoming Upper Middle Income Country

PARTNERSHIPS

CURRENT PARTNERS



WORLD BANK GROUP



GREEN CLIMATE FUND



PARTNERS WITH ONGOING DISCUSSIONS



DOTr will BUILD BETTER by

Better Project Identification, Prioritization, and Preparation

Broader and More Diversified Funding Strategy

Better Project Implementation Strategies

Building Better with strengthened project implementation capacity

RAILWAYS HEADCOUNT PER CONTRACT PER YEAR



Building Better through responsive delivery of ROW

SQM OF LAND HANDED OVER TO CONTRACTORS (RAIL) PER YEAR



Advocating ESG as an implementation tool, not just a compliance checklist

PARITY TRACK RECORD IN RIGHT-OF-WAY ACQUISITION*



1 Relocation of 1,264 families

No forced relocation to date



2 80% Voluntary Acquisition

80% of Land Acquisition is done through **NEGOTIATED** and **VOLUNTARY SALE**



3 Disbursed PHP 165 Million

The DOTr has disbursed a total of PHP 165,585,215 to ensure that those **affected** are given just entitlement

*ROW data for the Railways Sector

ONGOING ORG DEV INITIATIVE FOR ROAD SECTOR

ADB TA 9336-PHI

Strengthening Infrastructure Capacity and Innovation for Inclusive Growth - Organizational Planning Consultant to Support the Establishment of the EDSA Greenways Project and Davao Public Transport Modernization Project Management Offices

DOTr INSTITUTIONAL STRENGTHENING COMMITTEE

Office Order No. 2022-007

Implementing Guidelines on the Reorganization of the Department

Department Order No. 2022-013

Requirements and Timeline for the Submission and Review of the Documents Required under Office Order No. 2022-007

Projects	Total for Acquisition	through NVS ¹	through Expropriation	Total Acquired	% Voluntary Acquisition
LICE	293	223	40	263	84.79%
MMSP	1,977	473	50	523	90.44%
N1	352	176	16	192	91.67%
N2	1,953	53	0	53	100.00%
SC	2,478	7	0	7	100.00%
MRP	3,603	5	0	5	100.00%
MRT7	121	18	4	22	81.82%
TOTAL	10,777	955	110	1,065	89.67%

PMO	Total for Relocation	without forced demolition	through Forced Demolition
LICE	1,774	804	0
MMSP	251	188	0
N1	875	247	0
N2	2,448	38	0
SC	10,776	0	0
MRT-7	173	173	0
TOTAL	16,297	1,450	0

There is a misconception that ESG Safeguards Slows Down Project Implementation

- ✓ Safeguards enhances overall Value for Money because of ancillary benefits
- ✓ Building capability in ESG compliance unlocks financing resources that have ESG conditions



PROJECT HIGHLIGHTS



Highlight Projects: Aviation

REGIONAL AIRPORTS UNSOLICITED PROPOSALS



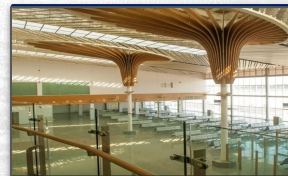
**LAGUINDINGAN
INTERNATIONAL**



**BOHOL-PANGLAO
INTERNATIONAL**



ILOILO INTERNATIONAL



**PUERTO PRINCESA
INTERNATIONAL**



KALIBO INTERNATIONAL

2019: 2.3 mppa
2022: 1.7 mppa

2019: 1.33 mppa
2022: 1.2 mppa

2019: 2.84 mppa
2022: 1.71 mppa

2019: 2.16 mppa
2022: 1.12 mppa

2019: 2.59 mppa
2022: 0.92 mppa

REGIONAL AIRPORTS UNDER TRANSACTION ADVISORY

AIRPORT	BICOL INTERNATIONAL	BUSUANGA	LAOAG INTERNATIONAL	CAUYAN	TUGUEGARAO	BASCO	ITBAYAT	TACLOBAN	CAMIGUIN	CALBAYOG	CATBALOGAN	CATARMAN	ORMOC
TA	ADB	ADB	ADB	ADB	ADB	ADB	ADB	ADB	ADB	ADB	ADB	ADB	ADB
PPP	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited
2019 mppa	0.53	0.37	0.08	0.13	0.15	0.03	0	1.49	0.03	0.03	0	0.02	0
2022 mppa	0.53	0.37	0.08	0.13	0.15	0.03	0	1.49	0.03	0.03	0	0.02	0

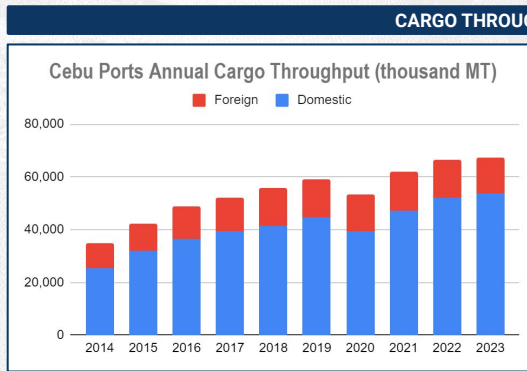
AIRPORT	MAASIN (PANAN-AWAN)	HILONGOS	SIQUIJOR	SURIGAO	BUTUAN	GENERAL SANTOS INT.	BACOLOD-SILAY INTERNATIONAL	COTABATO	KALIBO INTERNATIONAL	PUERTO PRINCESA INT.	ILO-ILO INTERNATIONAL	DAVAO INTERNATIONAL
TA	ADB	ADB	ADB	ADB	IFC	IFC	IFC	IFC	IFC	IFC	IFC	IFC
PPP	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Solicited	Unsolicited	Unsolicited	Unsolicited	TBD
2019 mppa	26 ppa	0	0.007	0.03	0.04	1.05	1.71	0.31	2.59	2.16	2.84	4.49
2022 mppa	0	0	0	0.04	0.74	0.77	1.32	0.30	0.92	1.12	1.71	2.77

Highlight Projects: Maritime

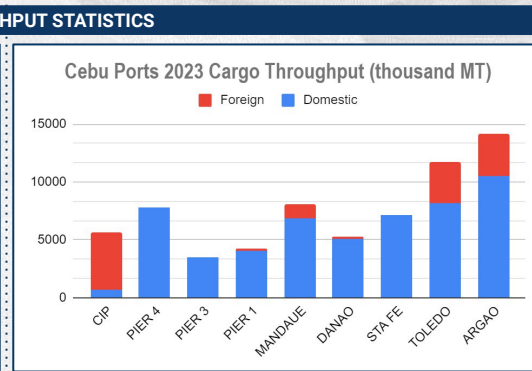


PROJECT	NEW CEBU INTERNATIONAL CONTAINER PORT (NCICPP)
DESCRIPTION	The Project, located in Consolacion, Cebu, will be equipped with quay cranes in a reclaimed island of 25 hectares with a 500-meter berth length with water depth of (-12) meters to accommodate two 2,000 TEU vessels. It is intended to share the excessive cargo volume of Cebu Baseport with the new port by transferring the international container terminal to the new one, thereby contributing to relieving the lack of cargo handling and container stacking capacities along with preparing for the increasing cargo demand. A Private Partner will take charge of the operations and maintenance component of the Project as well as the acquisition of equipment including quay cranes.
TPC	USD 164.2 Million (+USD 138.11 Million = USD 302.30 Million or PHP 16,929 Billion)
TIMELINE	Civil Works: 2Q2024 - 2Q2026 PPP O&M Component: 3Q2026 (Target Start of Concession)

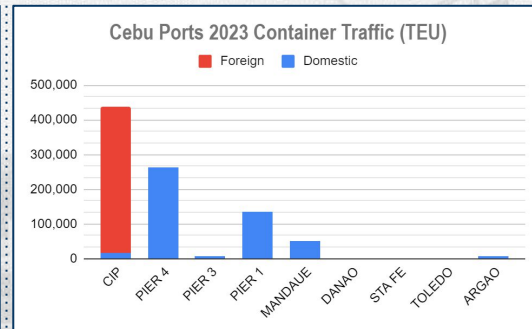
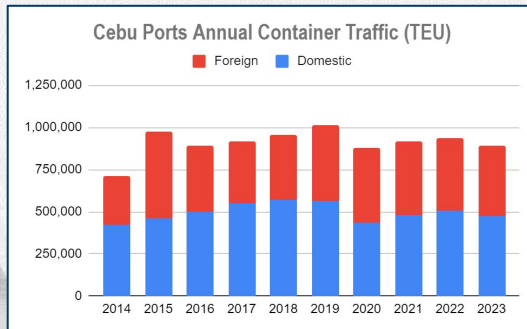
ANNUAL CARGO STATISTICS (2014-2023)



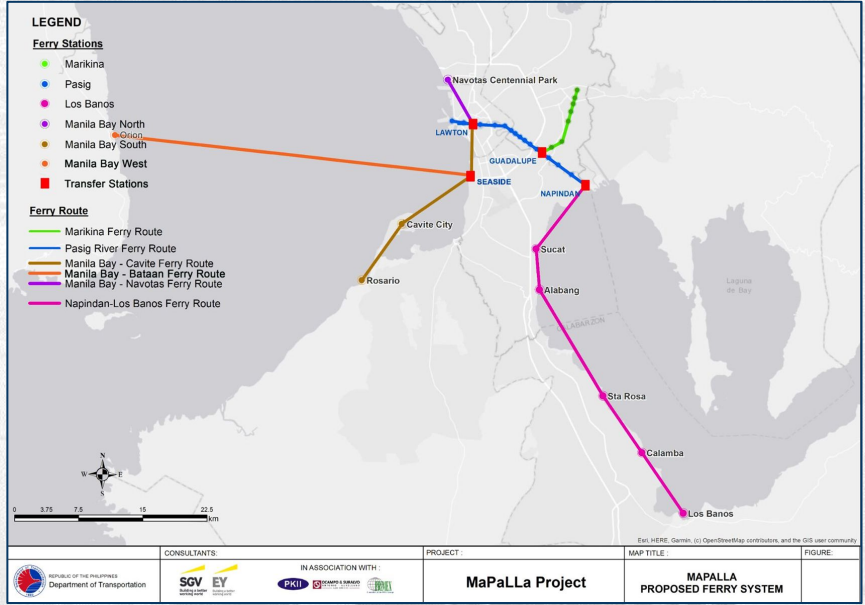
2023 CARGO STATISTICS OF PORTS IN CEBU



CONTAINER TRAFFIC STATISTICS

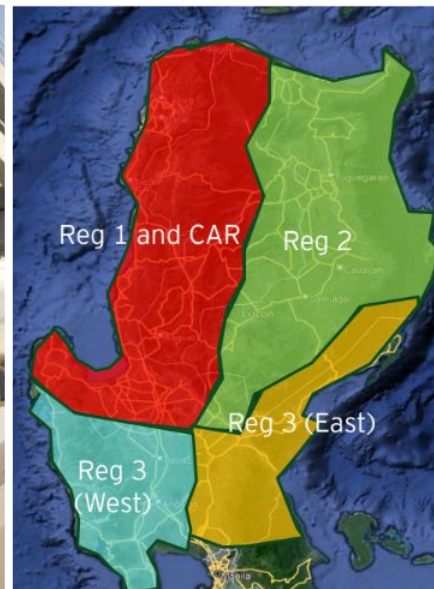


Highlight Projects: Maritime



PROJECT	MARIKINA-PASIG-LAGUNA FERRY SYSTEM PROJECT (MAPALLA)					
DESCRIPTION	Involves the financing, design, construction, purchase, operations and maintenance of a high-capacity, high-frequency, low carbon ferry system that will strategically link Manila Bay and Laguna Lake through the Pasig River, improving connectivity within the Greater Capital Region.					
TPC	USD 526.79 Million (PHP 29.5 Billion)					
STATUS	Ongoing Pre-feasibility Study					
TIMELINE	Target Concession Procurement: 2Q2025					
		INITIAL PHASE		SUBSEQUENT PHASE		
		– Pasig River Ferry Service (PRFS) and Marikina River Ferry Service (MRFS)		Laguna Bay Ferry Service (LBFS) and Manila Bay Ferry Service (MBFS)		
	Construction	2025-2029		TBD		
	Sub-phases	PRFS	MRFS	LBFS	MBFS	
Operations Start	2027	2029	TBD	TBD		
Stations	17		8			
Routes	3 (Plaza Mexico - Guadalupe; Napindan – Guadalupe; Plaza Mexico – Napindan)		1 (North-South)	2 (Napindan - Binangonan; Napindan - Los Banos)		
Fleet Size	27 vessels(150 pax; 100 seated and 50 Standing); 3 spare vessels		15 vessels(150 pax; 100 seated and 50 Standing); 2 spare vessels		23 (Based on scenario analysis assuming that the same fleet size as PRFS and MRFS can be used); 3 spare vessels	
					20 (Based on scenario analysis assuming that the same fleet size as PRFS and MRFS can be used)	

Highlight Projects: Road



PROJECT	Davao Public Transport Modernization Project (DPTMP)	Cebu Bus Rapid Transit (CBRT)	Metro Manila EDSA Busway	North Integrated Transport System (NITS)
DESCRIPTION	A bus-based public transport system for Davao City, consisting of a core bus network of over 100 km and a feeder network of over 500 km.	Establishment of a BRT system in Cebu traversing through Cebu City's Central Business District (CBD), from Lawaan I, Talisay City in the Southwest to Talamban, Cebu City in the Northeast	The project aims to redevelop a Bus Rapid Transit System along the NCR EDSA. The project will include design improvements aimed at enhancing accessibility, addressing overcrowding, ensuring safety and security, improving bus scheduling, and implementing ITS technology for operational control and Passenger Information System.	The Project is an integrated, multi-modal transport and logistics system designed to be a multi-level and mixed-use terminal facility. It is expected to host northbound provincial buses (from Metro Manila and vice versa), serve passengers bound for/departing from areas in northern NCR, and connect passengers to other urban transport systems (e.g., railways, buses, modern jeepneys, taxis, and motorcycle taxis) which are serving inner Metro Manila.
TPC	USD 1.41 Billion (PHP 73.83 Billion)	USD 0.51 Billion (PHP 28.78 Billion)	USD 0.53 Billion (PHP 29.66 Billion) (Indicative)	USD 0.063 Billion (PHP 3.5 Billion) (Indicative)
# OF PUVs	1,105 Modern Buses	140 Buses	TBD (Ongoing Study)	TBD (Ongoing Study)
TIMELINE	Target Start of Operations: 2026	Target Start of Operations: 2027	Target Start of Implementation: 2025	Target Start of Implementation: 2026
THROUGHPUT	760,043 Initial Average Daily Ridership	164,268 Initial Average Daily Ridership	TBD (Ongoing Study)	TBD (Ongoing Study)

Highlight Projects: AFCS

Philippine Automated Fare Collection System Project (PAFCS)

DOTr envisions an AFCS that is multi-issuer, multi-operator, multi-media, multi-product.

The Project consists of the establishment of a nationwide AFCS, to be integrated primarily in the transportation sector in urban areas. The AFCS will have a proprietary site for its data center, which will administer and clear all the transportation-related transactions certified under AFCS. At transit facilities, and in transport vehicles themselves, readers of transit cards and other innovative payment technologies will be installed to make the AFCS possible.

PROJECT COMPONENTS

Central Transit Acquirer and Data Center

National Test Center Certification and Validation Lab

Education/training of personnel

On-board Systems ("OBS") (Entry/Exit)

Concession Cards

Parameters	Current AFCS (AFPI Concession)	PAFCS (2021 FS)
Total Project Cost	USD 30.7 Million (PHP 1,720 Million)	USD 88.6 Million (PHP 4,965.95 Million) (Indicative)
Coverage	LRT-1, LRT-2, MRT-3	MM Urban Railways (LRT-1 and Extensions, LRT-2 and Extensions, MRT-3, MRT-4, MRT-7, MMSP, and NSCR); MM PUJs MM City PUBs
Transaction Throughput	~800k per day	Initial: 4M per day End of Concession: 18M per day



My order to the DOTr is really very simple:

FULL SPEED AHEAD!

President Ferdinand "Bongbong" Marcos Jr. during his July 2022 SONA

