



Build Better More: A Glimpse into the Philippines' Infrastructure Program

June 2023

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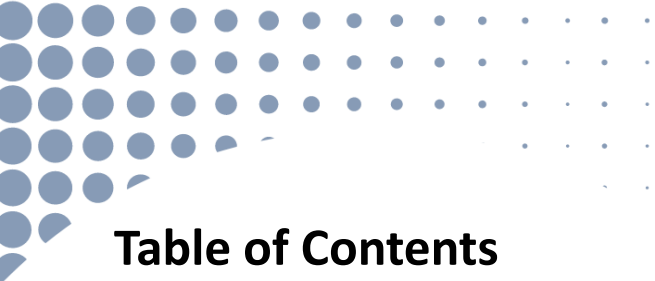


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Infrastructure Flagship Projects

The Philippines' Infrastructure Flagship Projects: Infrastructure Drive Supporting Economic Transformation

Infrastructure Flagship Projects (IFPs)

- The IFPs are game-changing, transformative, and urgently needed infrastructure projects of national significance that aim to showcase the overall Build-Better-More Program.
- Of the 3,770 infrastructure Priority Programs and Projects (PAPs), with an indicative total investment requirement of PHP17.3tn (US\$314.5bn*) over the medium term, 194 projects are listed under the high-impact IFPs approved by the National Economic and Development Authority (NEDA) Board, chaired by President Ferdinand R. Marcos, Jr., on 9 March 2023.

Criteria for Inclusion in the List of IFPs



1

First-Level Screening / "Must" Criteria

- ✓ Consistent with and contributes to national development objectives and priorities
- ✓ Costing at least PHP2.5bn (USD\$45.5mn*)



2

Second-Level Prioritization

- ✓ Spatial/Geographical Context
- ✓ Priority Areas for Increased Spending
- ✓ Premium for PPP projects not requiring budget allocation



3

Third-Level Categorization

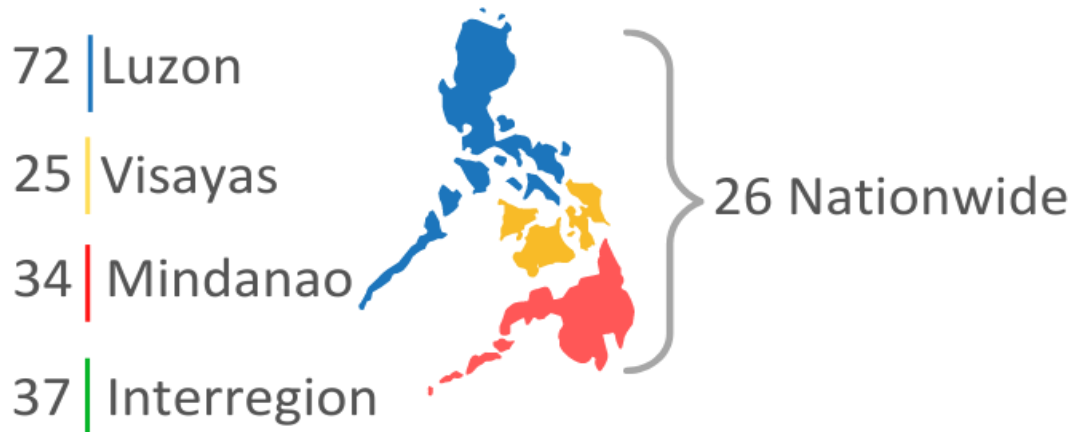
- ✓ Implementation readiness

The Philippine Infrastructure Flagship Projects (IFPs): An Overview

“Through our ‘Build Better More’ flagship program, we have placed infrastructure development as the pinnacle of our vision for an equitable, prosperous, and resilient Philippines by 2040.” – President Ferdinand Marcos, Jr. (High-Level Dialogue on Investing in Infrastructure For Resilience, January 2023)

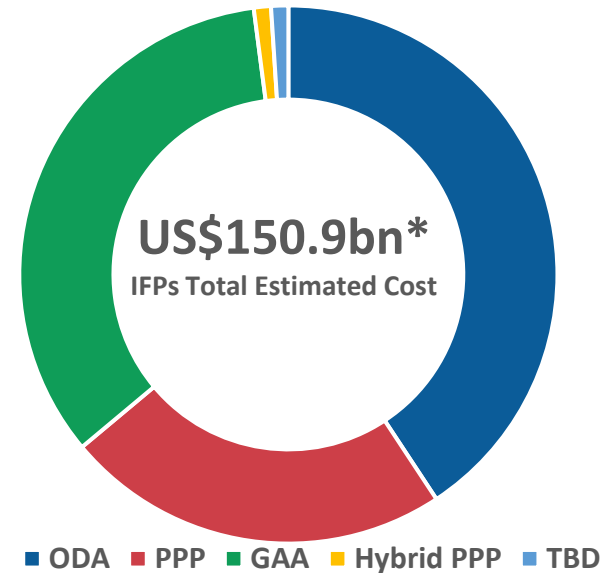
194 high-impact IFPs to spur and accelerate economic growth across the archipelago

Number of IFPs per region (as of 31 March 2023)



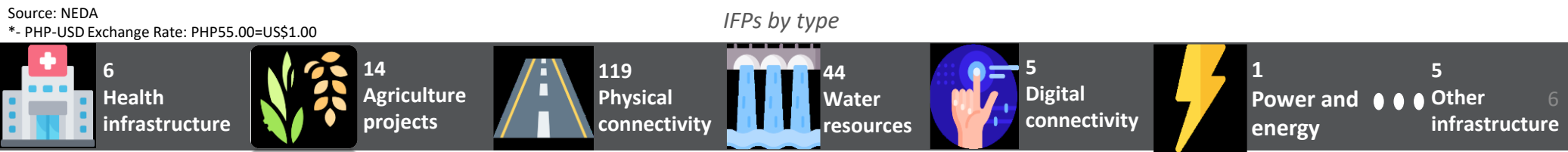
Massive investment in infrastructure

IFPs by mode of financing



Enhancing competitiveness through infrastructure buildup

IFPs by type



Source: NEDA
* - PHP-US\$ Exchange Rate: PHP55.00=US\$1.00



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

North Luzon Expressway (NLEX) Segment 8.2



Construction of an 8.3-km, 4-lane expressway from Segment 8.1 at Mindanao Avenue, traversing westward to Republic Avenue and turning right to Luzon Avenue up to Commonwealth Avenue in Quezon City.

Project Impact:

Reduce travel time from Mindanao Avenue going to Commonwealth Avenue from 45 minutes to 10 minutes. Will benefit 45,000 motorists per day

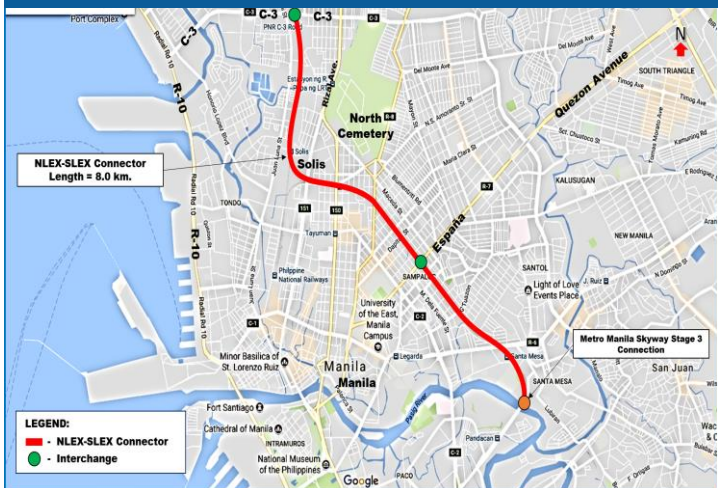
Project Details:

Implementing Agency: Department of Public Works and Highways (DPWH) / Toll Regulatory Board (TRB)

Funding Source: Public Private Partnership (PPP)/ Supplemental Toll Operation Agreement (STOA)

Project Status: Ongoing

NLEX-SLEX Connector Road



An 8-km all elevated 4-lane toll expressway extending the NLEX southward from the end of Segment 10 in C3 Road, Caloocan City, to PUP Sta. Mesa, Manila and connecting to the Skyway Stage 3, and mostly traversing along the PNR rail track. The project includes two (2) interchanges located at C3 Road/5th Avenue, Caloocan and España Avenue, Manila.

Project Impact:

The project will serve as another north-south backbone highway providing a seamless traffic, which will reduce the travel time from Naga City to Danao City from 3 hrs to 1 hr and 10 min.

Project Details:

Implementing Agency: Department of Public Works and Highways (DPWH)

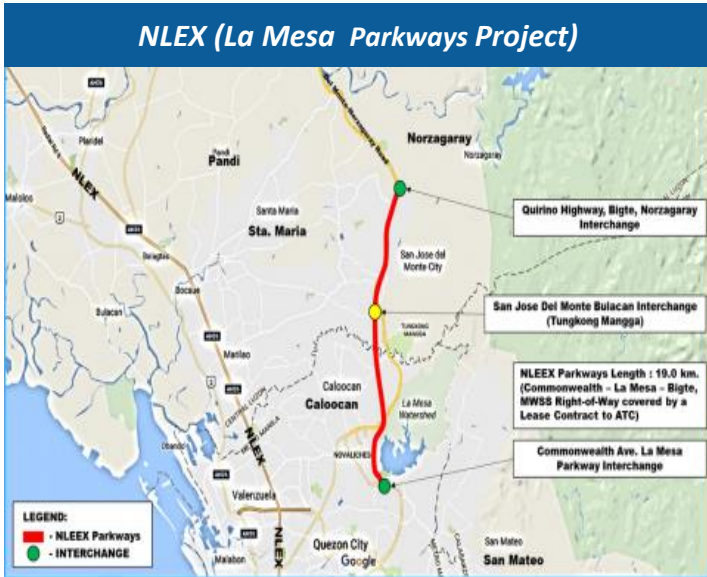
Funding Source: Public Private Partnership (PPP) (Unsolicited)

Project Status: Ongoing



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)



18.9-km (exclusive of aprons and ramps), 4-lane, bi-directional green corridor extending from Commonwealth Avenue to the south at Quezon City through the La Mesa reservation to San Jose Del Monte to Norzagaray, Bulacan.

Project Impact:

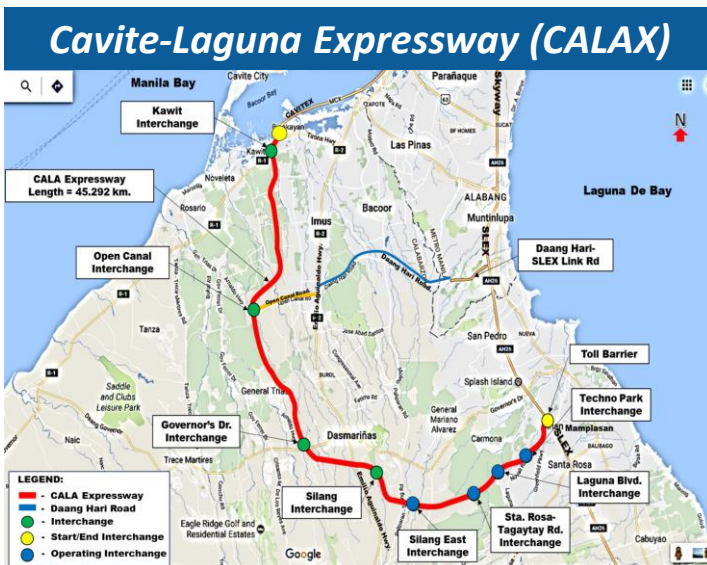
Aims to ease the traffic congestion of Northeast Metro Manila while providing a new scenic corridor to Northeast Luzon destination; develop a balanced constructed ecosystem to sustain a positive environmental impact; serve as a water management system, in-pipe turbines will be installed to produce renewable electricity; with the assurance to: provide authorized access, monitoring and routine maintenance to aqueduct fittings along the toll roads and right-of-way as well as ensure structural integrity and strategic security of the MWSS underground aqueducts, facilities and accessories.

Project Details:

Implementing Agency: Department of Public Works and Highways (DPWH)

Funding Source: PPP

Project Status: For Government Approval



Construction of 44.58 km expressway connecting CAVITEX in Kawit, Cavite, and SLEX Mamplasan interchange in Binan, Laguna.

Project Impact:

Aims to reduce travel time from 1.5 hours to 45 minutes. This will connect fastest growing provinces hosting major industrial projects and ecozones. The area is home to massive bedroom communities and the most densely populated provinces per square kilometer

Project Details:

Implementing Agency: DPWH

Funding Source: PPP

Project Status: Ongoing



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

South Luzon Expressway (SLEX) Toll Road 4



66.7-km expressway from Sto. Tomas, Batangas to Tayabas/Lucena City, Quezon Province

Project Impact:

Improve the transport of goods and services from Southern Provinces to Manila and vice versa. Shorten travel time, decongest, and reduce the volume of traffic plying the Pan-Philippine Highway.

Project Details:

Implementing Agency: DPWH and TRB

Funding Source: PPP/STOA

Project Status: Ongoing project preparation

SLEX Toll Road 5 (TR5) Segment 1



Construction of a 417-km, 4-lane divided toll road starting from the terminal point of SLEX TR4 Project at Brgy. Mayao, Lucena City, Quezon, and ends in Matnog, Sorsogon, near the Matnog Ferry Terminal.

Project Impact:

This project aims to connect Quezon and Bicol provinces. Provide better and safer access to tourism destinations, roro ports, fish ports and to address traffic congestion in Bicol region.

Project Details:

Implementing Agency: DPWH / Toll Regulatory Board

Funding Source: PPP/STOA

Project Status: Ongoing



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

Southeast Metro Manila Expressway



Construction of a 32.7-km combination of elevated and at grade expressway, from Skyway/FTI, Taguig City to Batasan Complex in Quezon City

Project Impact:

Provide an alternate route from Parañaque to Quezon City, passing thru developing areas of Taguig, Taytay, Antipolo, and San Mateo to decongest EDSA, C5 and other major arteries of Metro Manila and Rizal.

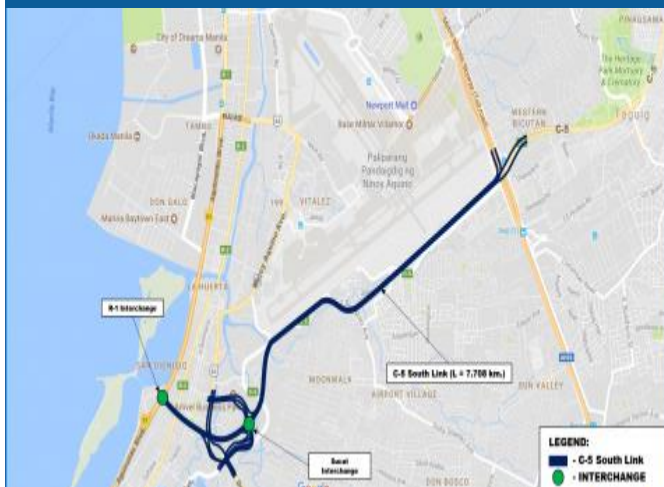
Project Details:

Implementing Agency: DPWH and TRB

Funding Source: PPP/STOA

Project Status: Ongoing

C5 South Link Expressway Project



7.7-km expressway from R 1 Expressway to South Luzon Expressway (SLEX)/CP Garcia Avenue (C5 Road)

Project Impact:

Aims to Provide additional capacity to the road network in Metro Manila. To provide motorists seamless expressway travel from north to south and vice versa.

Project Details:

Implementing Agency: DPWH and TRB

Funding Source: PPP/STOA

Project Status: Ongoing



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

Construction of a 4-lane expressway with a total length of 30.7 kms. CLLEX forms an important lateral (east-west) link of overall high standard highway (or expressway) network within the 200km radius from Metro Manila.

Project Impact:

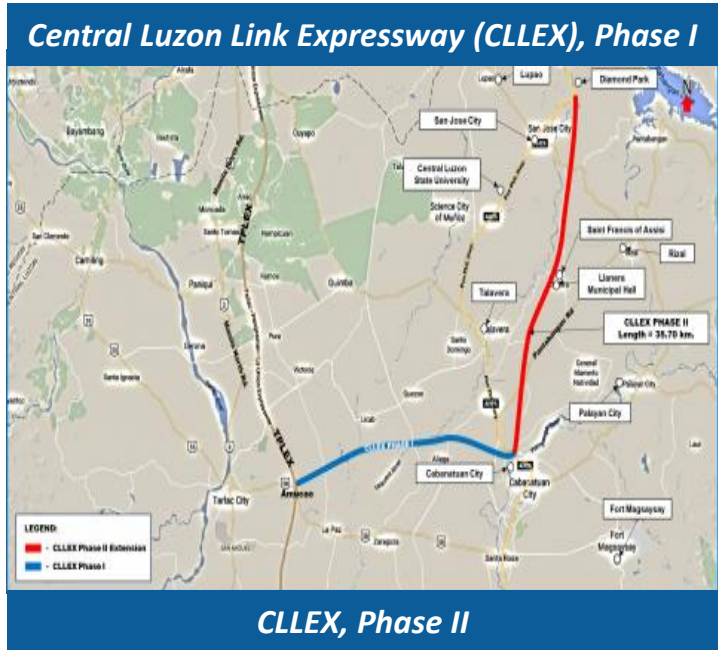
To provide fast, safe, comfortable and reliable means of transport in Region III (Central Luzon); to decongest traffic on the Pan-Philippine Highway (Daang Maharlika); To support the socio-economic development of Regional Growth Pole Cities of Tarlac and Cabanatuan. Decongest Traffic in to and from Metro Manila to Region III

Project Details:

Implementing Agency: DPWH

Funding Source: PPP

Project Status: Ongoing



The project is a 4-lane, 35.7-km extension of Central Luzon Link Expressway (CLLEX) Phase I, Tarlac to Cabanatuan City, which will connect from Cabanatuan City to San Jose City. The project will provide a free-flowing alternative route decongesting traffic along the Pan-Philippine Highway (PPH) between said cities of Nueva Ecija and Tarlac Province.

Project Impact:

Provide fast safe, comfortable and reliable means of transportation from Metro Manila to various destinations in the Central Luzon area for socio-economic development, thus contributing to the decongestion of over-concentrated Metro Manila

Project Details:

Implementing Agency: DPWH

Funding Source: PPP

Project Status: Ongoing project preparation



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

Construction of a 73.75-km expressway from Naga City to Danao City

Project Impact:

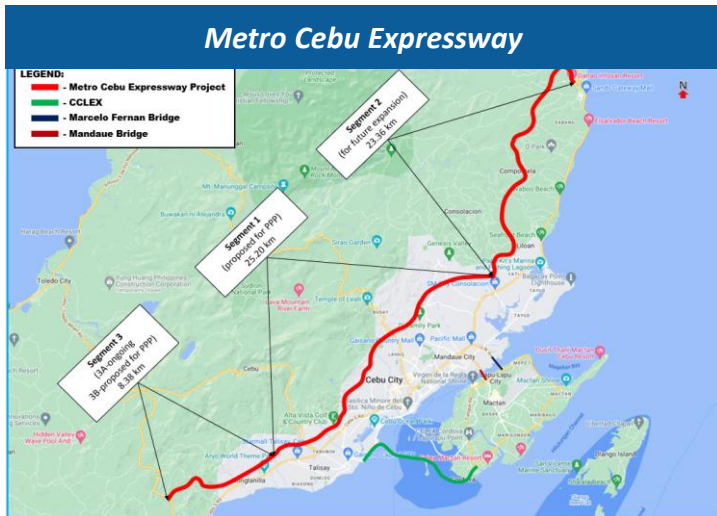
The project will serve as another north-south backbone highway providing a seamless traffic which will reduce the travel time from Naga City to Danao City from 3 hours to 1 hour and 10 minutes.

Project Details:

Implementing Agency: DPWH

Funding Source: Hybrid General Appropriations Act (GAA)/PPP

Project Status: Ongoing project preparations



210-km, 6- to 8-lane mostly elevated expressway composed of elevated roadways, viaducts, tunnel and long-span bridge, traversing 22 cities and municipalities along 3 provinces in Panay.

Project Impact:

Reduction of travel time between the provinces of Iloilo, Capiz and Aklan; elimination of congestion in existing highways by avoiding chokepoints; enhancement of logistics network to ease delivery of goods from source to destination; improvement of delivery of emergency response in times of flooding as an effect of inclement weather; provision of tourism development opportunities for various tourist attractions in Panay.

Project Details:

Implementing Agency: DPWH

Funding Source: Hybrid PPP

Project Status: Ongoing: Ongoing project preparation





IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

Improving Growth Corridors in Mindanao Road Sector Project



Construction / improvement of 166.9-km road network and construction of 540-m bridge in Zamboanga del Norte and Zamboanga Sibugay provinces. Construction of 3 Bridges (1,047.4 m) in Tawi-Tawi.

Project Impact:

Support Regional Cooperation and Integration by implementation of the ASEAN Highway (Sulu-Celebes Basin and Coral Triangle) BIMP-EAGA Priority Infrastructure Projects.

Project Details:

Implementing Agency: DPWH

Funding Source: Official Development Assistance (ODA)

Project Status: Ongoing

FMRDP - Farm-to-Market Road (FMR) Projects



Construction of 16,756.8-km of farm- to-market roads.

Project Impact:

Aims to improve the transport of farm products to market centers and further stimulate other economic activities and improve access to social services of the people

Project Details:

Implementing Agency: Department of Agriculture

Funding Source: GAA

Project Status: Ongoing



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)



MRT Line 4

15.6-km new elevated rail transit system from N. Domingo Station near Granada Street corner N. Domingo in Quezon City to the proposed Taytay Station near Taytay Diversion Road (R-5) - Manila East Road rotunda in Taytay, Rizal.

Project Details:

Implementing Agency: Department of Transportation (DOTr)

Funding Source: ODA

Project Status: Ongoing

MRT Line 3 – Operations & Maintenance

Operation and maintenance of MRT 3 in partnership with the private sector

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Pre-Project Preparation

MRT Line 4 – Operations & Maintenance

Operation and maintenance of MRT Line 4 in partnership with the private sector.

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Pre-Project Preparation

MRT Line 5

Construction of a mass transit system connecting MOA, Makati CBD, and BGC.

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Pre-Project Preparation



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

MRT-7 Project



A 23-km railway system connecting Quezon City to San Jose Del Monte City, Bulacan that can accommodate 300,000–800,000 passengers daily.

Project Impact:

To address the transportation needs of passengers and reduce traffic congestion in Metro Manila, particularly traffic coming from and to North Luzon

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Ongoing

Metro Manila Line 1 Cavite Extension



7.7- km expressway from R 1 Expressway to South Luzon Expressway (SLEX)/C P Garcia Avenue (C 5 Road)

Project Details:

Implementing Agency : DOTr

Funding Source: Hybrid ODA/PPP

Project Status: Ongoing



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)



Metro Manila Subway Project Phase 1

35-km new underground mass transit from Quezon City to NAIA.

Project Details:

Implementing Agency : DOTr

Funding Source: ODA

Project Status: Ongoing

Metro Manila Subway Project – O&M

Operation and Maintenance of the MMSP under a PPP arrangement.

Project Details:

Implementing Agency : DOTr

Funding Source: PPP

Project Status: Pre-Project Preparation



IFPs connect loci of economic activities and provide the commuter belt a seamless travel experience

(Select projects as of 31 March 2023)

LRT Line 2 – Operations & Maintenance



Operation and maintenance of LRT Line 2 in partnership with the private sector

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Pre-Project Preparation

Subic Clark Railway



71.13-km new railway system in western section of Central Luzon, running on an exclusive ROW parallel to SCTEX with some sections adjacent to it

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Pre-Project Preparation



IFPs foster sustainable and equitable development through improved access to tourist attractions and other emerging growth centers

North South Commuter Railway (Malolos-Manila)

(Select projects as of 31 March 2023)

Construction of 37.9km. Railway segment from Tutuban to Malolos, Bulacan with 10 stations. Expected to service more than 300,000 people daily during its opening year.

Project Impact:

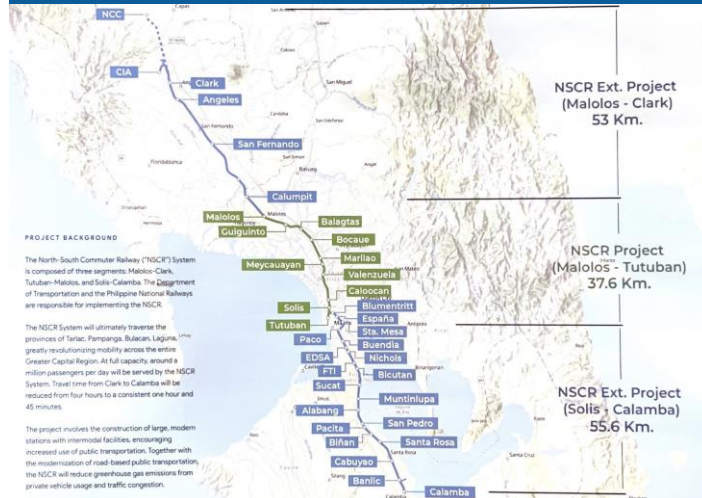
Commuters from Tutuban will reach Malolos in approximately 35 minutes. This will reduce traffic congestion and promote sustainable economic growth

Project Details:

Implementing Agency: DOTR

Funding Source: Official Development Assistance

Project Status: Ongoing



North-South Commuter Railway System – O&M

Operation and Maintenance of the NSCR under a PPP arrangement.

Project Impact:

Aims to connect the metropolitan areas of Cagayan de Oro up to Laguindingan Airport

Project Details:

Implementing Agency: DOTR

Funding Source: PPP

Project Status: Ongoing project preparation





IFPs foster sustainable and equitable development through improved access to tourist attractions and other emerging growth centers

(Select projects as of 31 March 2023)

North Long-Haul Railway



Financing, design, construction, operations, and maintenance of an 800-km inter-regional railway system in northern Luzon, connecting the National Capital Region, Region 1, Region 2, and Region 3. It will include passenger railway stations, cargo terminals, maintenance depots, operations control centers, connectivity to seaports, transit-oriented developments.

Project Impact:

Envisioned to link strategic infrastructure such as Clark Freeport Zone, Poro Point, Laoag International Airport, Port Irene, and Lal-lo Airport.

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Ongoing project preparation

PNR South Long-Haul



639-km long-haul rail line connecting Metro Manila to Southern Luzon provinces.

Project Impact:

The project aims to achieve less than 5-hour travel time from Manila to Legazpi

Project Details:

Implementing Agency: DOTr

Funding Source: ODA

Project Status: Ongoing



IFPs foster sustainable and equitable development through improved access to tourist attractions and other emerging growth centers

(Select projects as of 31 March 2023)

Mindanao Rail Project Phase 1



Construction of 102-km non-electrified, single-track rail running through Digos, Davao, and Tagum in Region 11

Project Details:

Implementing Agency: DOTr

Funding Source: ODA

Project Status: Ongoing

Mindanao Railway Project Phase 3 (Northern Mindanao)



Financing, design, construction and O&M of an approximately 54.8-km high capacity, inter-city passenger and cargo railway system that will span across the highly urbanized Cagayan de Oro City and connect the Municipalities of Laguindingan and Villanueva, Misamis Oriental.

Project Impact:

Aims to connect the metropolitan areas of Cagayan de Oro up to Laguindingan Airport

Project Details:

Implementing Agency: DOTr

Funding Source: Hybrid PPP

Project Status: Ongoing project preparation



IFPs foster sustainable and equitable development through improved access to tourist attractions and other emerging growth centers

(Select projects as of 31 March 2023)

Cebu Urban Mass Rapid Transit (UMRT) Central Line



Construction of a 24.8-km railway system with 24 stations connecting the cities of Liloan and Talisay

Project Details:

Implementing Agency: DOTR

Funding Source: Official Development Assistance

Project Status: Pre-Project Preparation

New Manila International Airport



Construction, operation, and maintenance of a new modern airport in Bulacan. Designed to have a capacity of 200mn passengers per year, consisting of four runways and all aviation-related facilities.

Project Impact:

The new airport will help decongest the Ninoy Aquino International Airport. The project is expected to be a catalyst for growth in Central Luzon.

Project Details:

Implementing Agency: Department of Transportation

Funding Source: PPP (Unsolicited)

Project Status: Ongoing



IFPs foster sustainable and equitable development through improved access to tourist attractions and other emerging growth centers

(Select projects as of 31 March 2023)

Ninoy Aquino International Airport PPP Project



Solicited PPP of NAIA to improve operations and maintenance, upgrade of existing facilities, and enhancement of services.

Project Details:

Implementing Agency: DOTr

Funding Source: PPP

Project Status: Ongoing project preparation

Davao Sasa Port



Construction and modernization of the existing port, including new apron, linear quay, expansion of the back-up area, container yards, warehouses, and the installation of new equipment like ship-to-shore cranes and rubber-tyred gantry, which will be financed by a private partner over the pre-agreed concession period.

Project Impact:

Davao Sasa Port is the most important port and container terminal in Mindanao servicing the needs of the Davao region and neighboring provinces. At least 200 of the country's largest companies operate in the city and the Davao region is Mindanao's major economic center in terms of value of gross domestic product.

Project Details:

Implementing Agency: Philippine Ports Authority (PPA)

Funding Source: Hybrid PPP/ Port Terminal Management Regulatory Framework

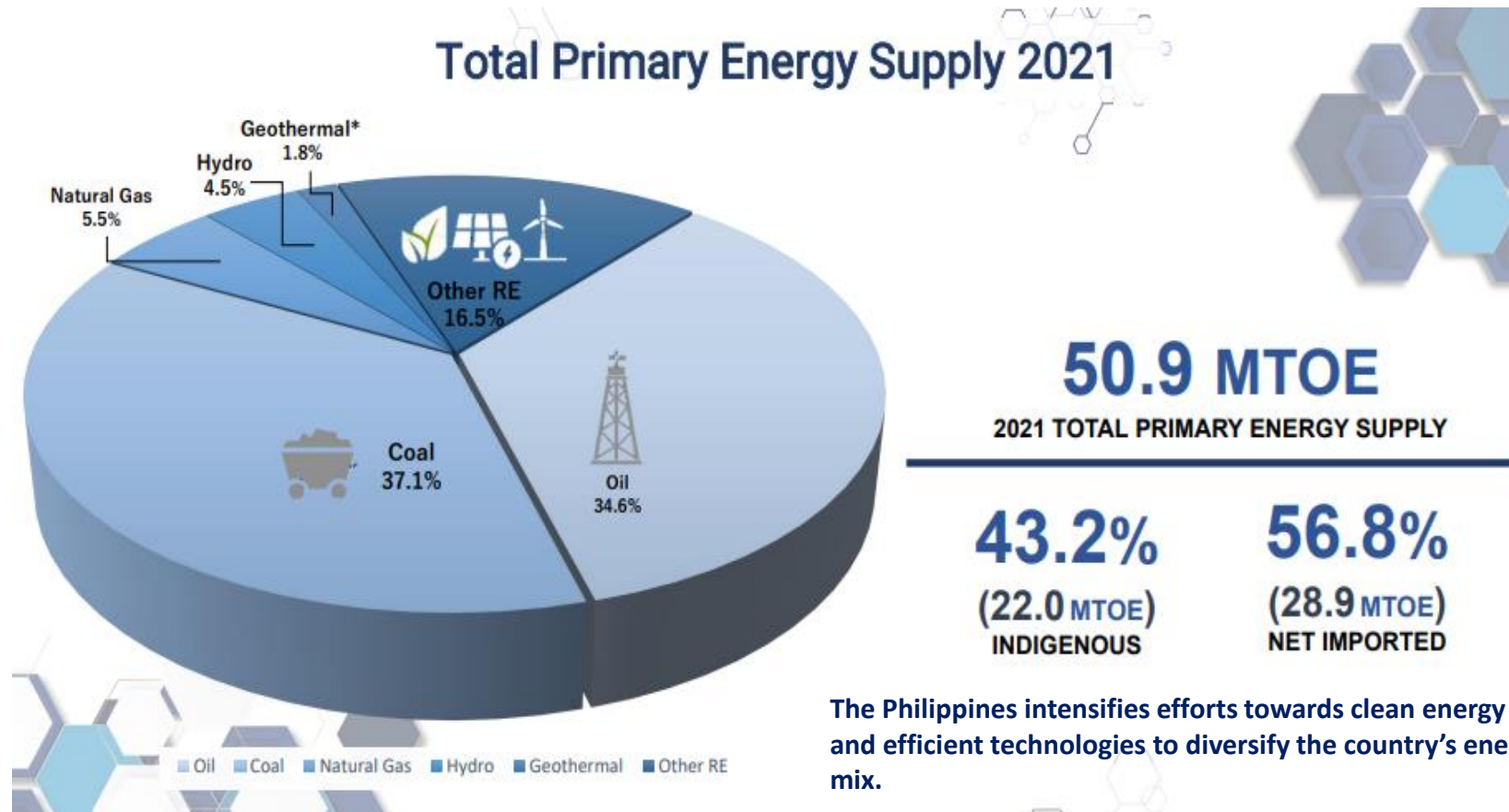
Project Status: Ongoing



Department of Energy

The Philippines aims for a sustainable, stable, secure, sufficient, and accessible energy.

“The use of renewable energy is at the top of our climate agenda. We will increase our use of renewable energy sources such as hydropower, geothermal power, solar, and wind.” – President Ferdinand Marcos, Jr. (State of the Nation Address, July 2022)

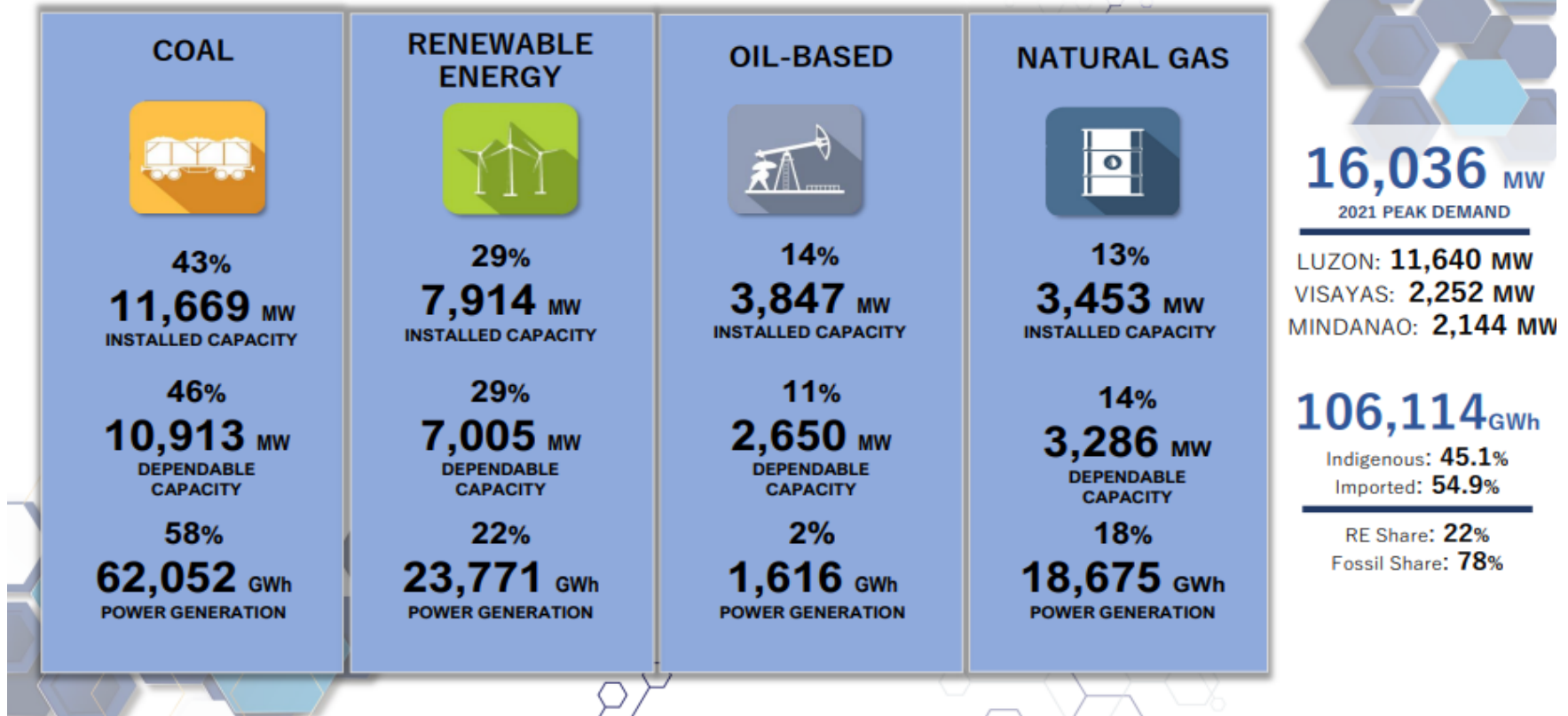


The Philippines intensifies efforts towards clean energy fuels and efficient technologies to diversify the country's energy supply mix.

The Total Final Energy Supply (TPES) is composed of the fuel that the Philippines utilizes to be able to use the energy. In 2021, the TPES reached 50.9 million tons of oil equivalent (MTOE), which is around 43% indigenous and 57% imported. This means that we are still vulnerable to the price movements of our fuel in the global market.

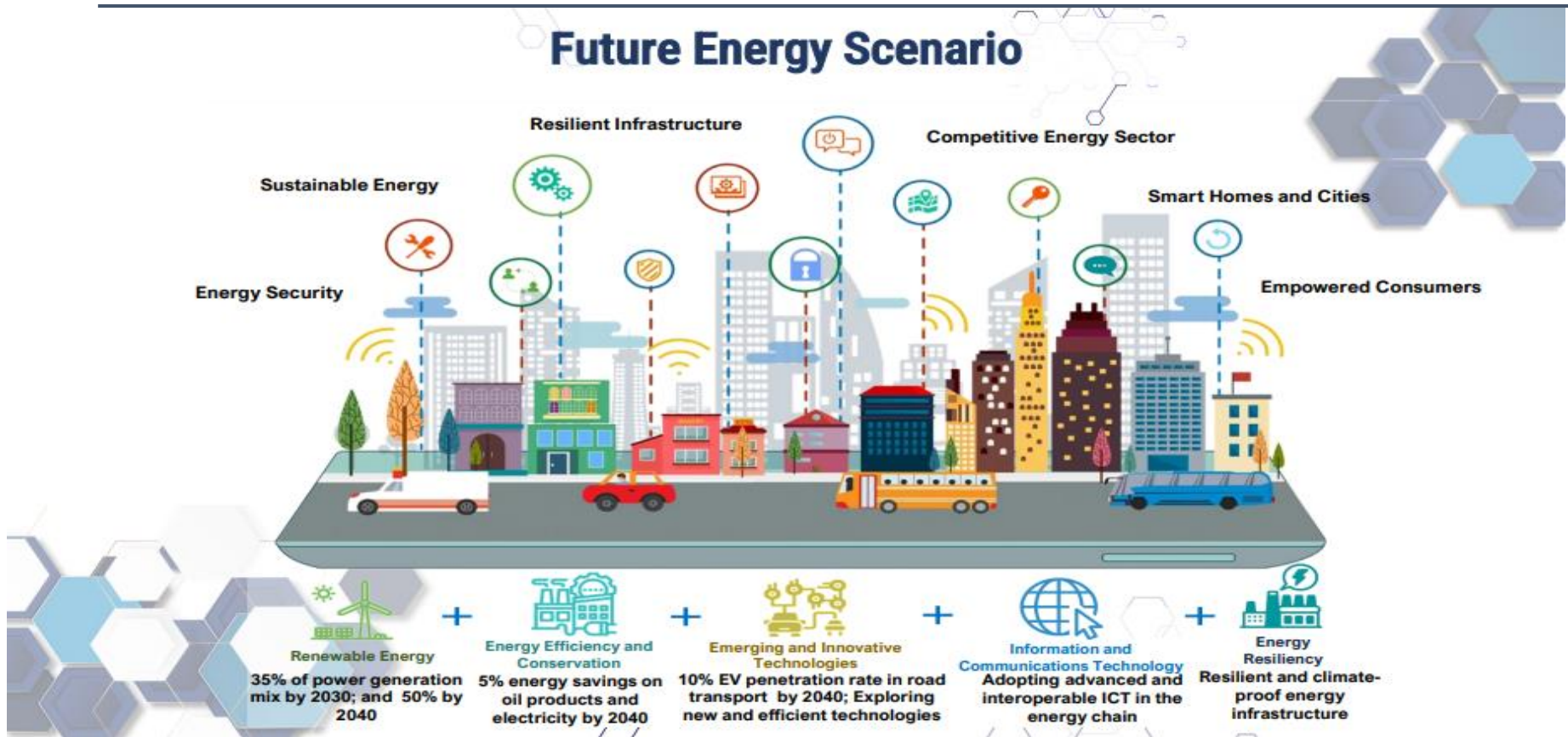
The government is committed to enhance the country's renewable energy capacity and further increase its share in the current generation mix.

On-Grid Power Capacity and Generation Mix 2021



43% of the total power generating capacity comes from Coal power plants and 29% from renewable-based power plants. This has a corresponding power generation mix share of 58% for coal and 22% for renewable energy – a nod to the global consensus on RE's resilience in the face of the pandemic.

The realization of energy supply security in the long-term requires a harmonious interplay of the various energy sub-sectors and a well-coordinated energy value chain from resource development up to utilization.



The plans we have set for the country will enable it to have energy necessary for a strongly-rooted, comfortable and secured life for the Filipinos. Our future as envisioned by the sector has all the key components achieved – energy security, sustainable energy, resilient infrastructure, competitive energy sector, smart homes and cities, and empowered consumers.

As the government gradually shifts from fossil to cleaner and more sustainable energy technologies, the Department of Energy is moving fast to meet this transformational goal. The priority is on policies and regulatory framework that will mobilize and accelerate Renewable Energy (RE) deployment.

RE Policies and Programs

RENEWABLE PORTFOLIO STANDARDS (RPS)

– GRID AND OFF- GRID

Requires all load-serving entities to source or produce a specified portion of their supply from eligible RE facilities

RE MARKET (REM)

Serves as the venue for the transparent and fair trading of RE Certificates

PREFERENTIAL DISPATCH OF RE

All RE generating units are given preference in the Wholesale Electricity Spot Market dispatch schedule to ensure its maximum output injection in the grid.

ENHANCED NET-METERING PROGRAM

Allows end-users to generate electricity from RE-based systems up to 100kW for own-use and sell their excess to the grid.

GREEN ENERGY OPTION PROGRAM (GEOP)

Option for end-users to choose RE resources as energy source

GREEN ENERGY AUCTION PROGRAM (GEAP)

Intends to provide additional market for RE through a competitive electronic bidding of RE capacities

RE TRUST FUND

Pursuant to Section 28 of the RE Act, the RETF was established to promote the development and greater utilization of RE

OMNIBUS GUIDELINES FOR RE CONTRACTS

Aims to harmonize and enhance existing guidelines governing the application and awarding of RE Contracts

EASING OF FOREIGN OWNERSHIP LIMIT IN THE RE INVESTMENTS

Removes foreign ownership restrictions in the RE Sector

RE RESOURCE DEVELOPMENT

Geothermal Energy, Offshore Wind, Waste-to-Energy, Ocean and Tidal Energy, Expanded Rooftop Solar Program



Recognizing that the energy sector is a capital-intensive venture, the DOE envisages a more active private sector participation, both local and foreign companies, to pour in the required investments over the planning period especially now that the government has eased out foreign participation restrictions.

Energy Investment Requirements



USD 153 Billion
Total Required Energy Investments

UPSTREAM



USD 10.05 Billion
Oil and Gas Exploration and Development



USD 13.12 Billion
Coal Exploration and Production



USD 510 Million
Renewable Energy
(Pre-Development Activities)

DOWNSTREAM



USD 2.94 Billion
Oil Distribution Depots and Import Terminals



USD 1.78 Billion
Liquefied Natural Gas (LNG) Terminals

USD 2.38 Billion
Biofuels Production

POWER



USD 115.3 Billion
Construction of New Power Plants

Conventional: USD 21.0 Billion
Renewable Energy: USD 94.3 Billion



USD 6.97 Billion
Transmission Projects



Department of Public Works and Highways

The government is committed to continue and further expand the “Build, Build, Build” program.

“I would like to reiterate the marching order of the President during his State of the Nation Address...the infrastructure development program will be pursued relentlessly” – Sec. Bonoan, DPWH



Department of Public Works and Highways

Strategic Infrastructure Programs aligned with PDP 2023-2028

<p>TRAFFIC DECONGESTION PROGRAM</p>	<p>SEAMLESS AND INCLUSIVE CONNECTIVITY VIA NATIONAL AND LOCAL LINKAGES</p>	<p>RESILIENT AND SUSTAINABLE COMMUNITIES</p>
<ul style="list-style-type: none"> • High Standard Highways and Expressways • By-passes and diversion roads • Flyovers, interchanges and underpasses 	<ul style="list-style-type: none"> • Daang Maharlika Highway (N1) • Inter-Island Linkage Bridge Program • Gaps and Missing Links along National Roads • Nautical Highway Network • Road Convergence Programs with DOT, DOTR, DTI and DA 	<ul style="list-style-type: none"> • Integrated Water Resources Management Program <ul style="list-style-type: none"> • Flood Mitigation Structures in Major River Basins and Principal Rivers. • Water Impounding Projects. • Rain Water Collectors • Drainage Capacity Improvement • Disaster Risk Reduction and Climate Change Adaptation Program <ul style="list-style-type: none"> • National Bridge Rehabilitation and Seismic Improvement • Road Network Redundancy Projects • Rehabilitation / Retrofitting of Public Buildings (School Buildings, Health Facilities, etc.) • Social Infrastructure Program <ul style="list-style-type: none"> • Evacuation Centers • Basic Education Facilities (From DepED's Budget) • Infrastructure Projects in Support of National Peace and Security • Active Transport Program <ul style="list-style-type: none"> • Bike lanes Network • Pedestrian Infrastructure

Bridges will be constructed in the area to provide alternative linkages between major thoroughfares and increase the number of usable roadways that would decongest traffic in EDSA and other major roads in Metro Manila



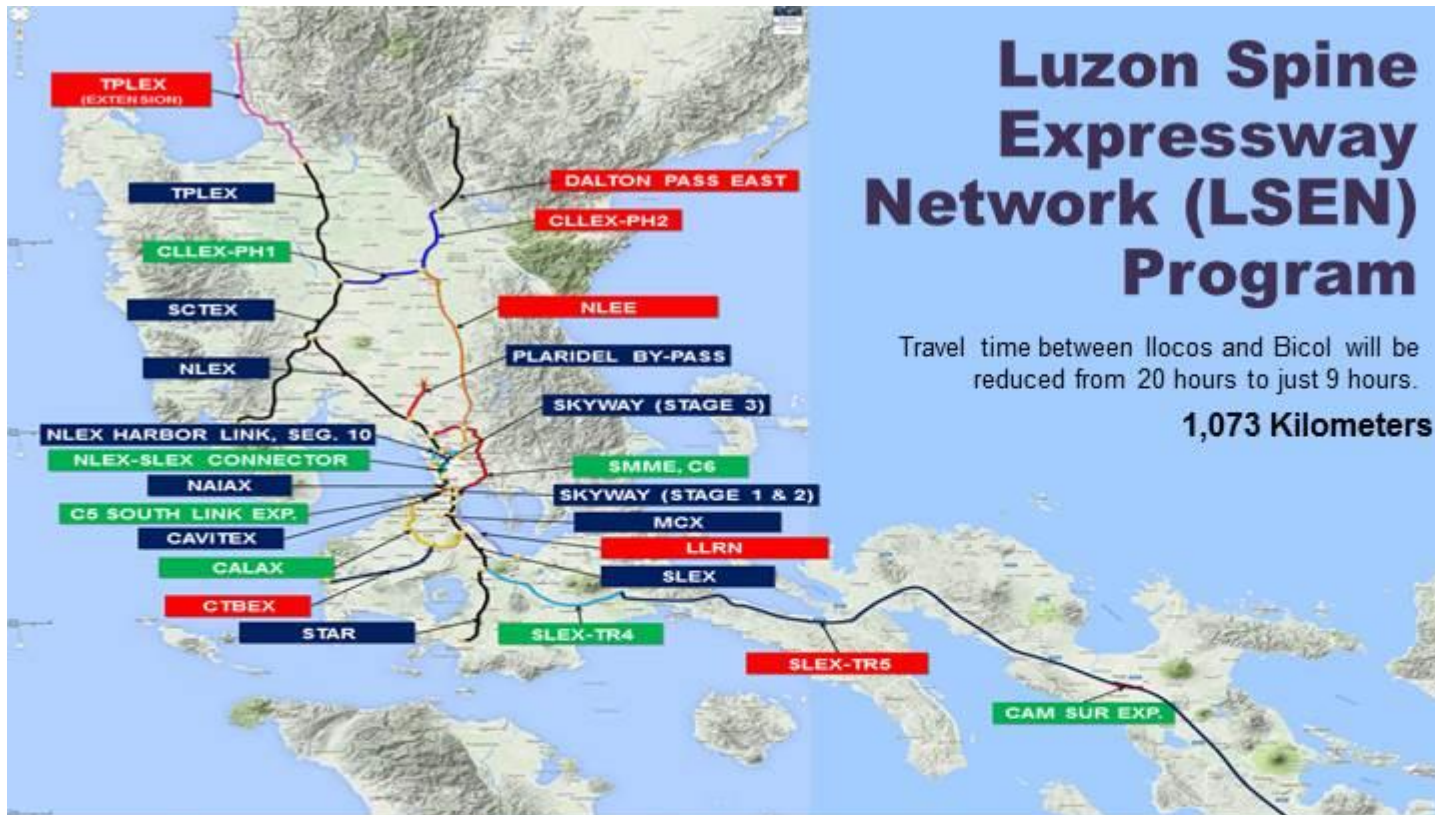
The government will continue to address traffic congestions along vital road networks in the country particularly in highly urbanized areas through projects under the Master Plan on High Standard Highway Network Development.

Philippine High Standard Highway Network Program

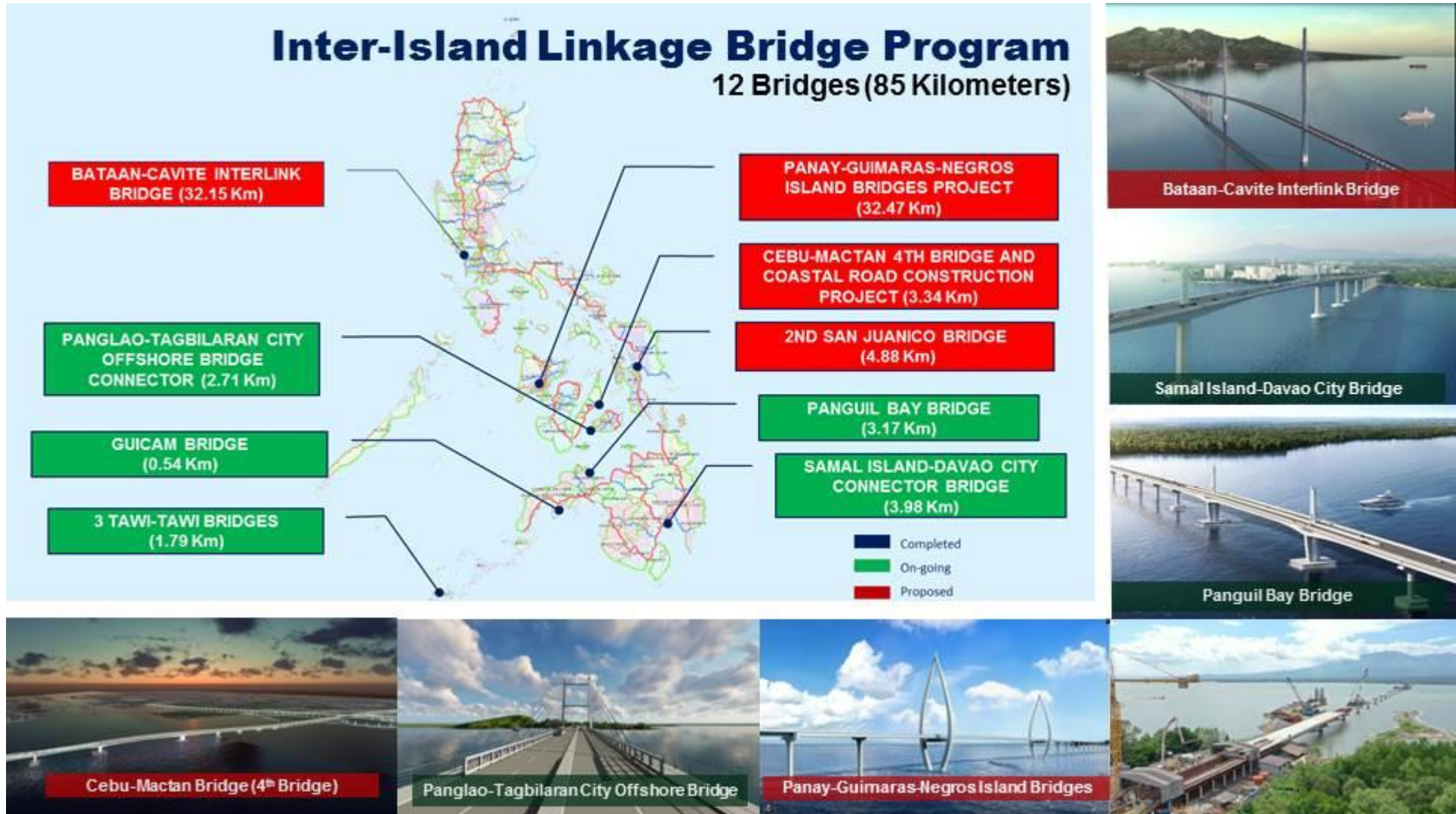
Increase the country's High Standard Highways / Expressways from 523 kilometers to 1,963 kilometers based on HSH Master Plan Phases I and II



Expanding the country's highways and expressways network will alleviate overconcentration of population and development in the urban areas and will give way to regional development.



The Inter-Island Linkage / Mega Bridge Program will provide linkages among the various islands of the country through the construction of a series of short and long span bridges.

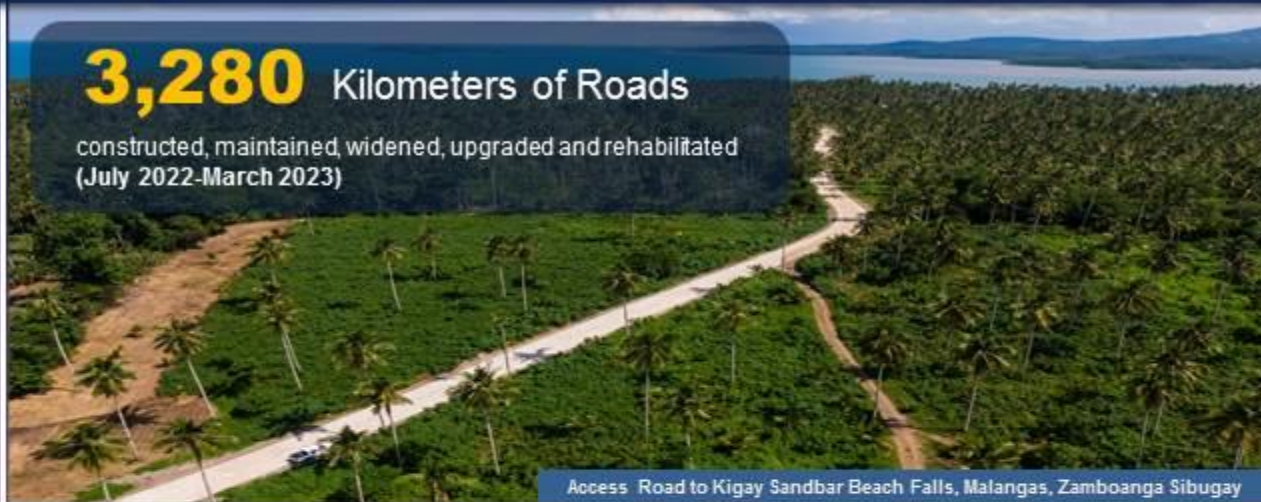


Tangible results show the government's commitment to upgrade the country's infrastructure network.

SUMMARY OF ROAD ACCOMPLISHMENTS

3,280 Kilometers of Roads

constructed, maintained, widened, upgraded and rehabilitated
(July 2022-March 2023)



Access Road to Kigay Sandbar Beach Falls, Malangas, Zamboanga Sibugay



FMR in Brgy. Nagpanaoan, Santa, Ilocos Sur



Dupax Del Norte Industrial Road



Napsan-Apuran Road, Puerto Princesa City, Palawan



Cabantohan-Lemery Road, Lemery, Iloilo



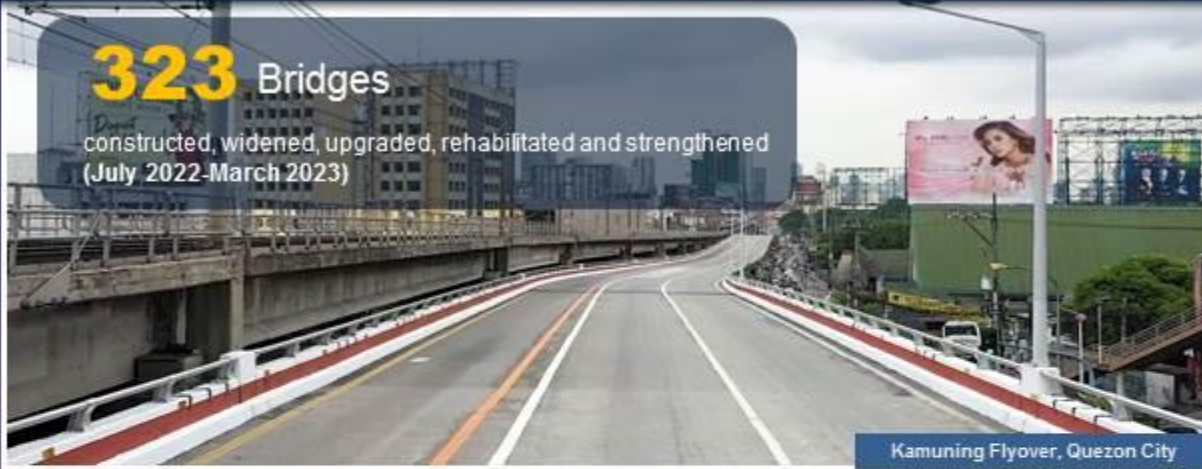
Bayombong-Solano Bypass Road, Nueva Vizcaya

Tangible results show the government's commitment to upgrade the country's infrastructure network.

SUMMARY OF BRIDGE ACCOMPLISHMENTS

323 Bridges

constructed, widened, upgraded, rehabilitated and strengthened
(July 2022-March 2023)



Kamuning Flyover, Quezon City

San Francisco Bridge Widening in Tarlac



New Hilipad Bridge along Aramaywan-Berong-Puerto Princesa Road



Bridge linking Brgy Dibut and Dibalo in San Luis, Aurora



Bridge connecting Brgy Payac and Dadaor, Bangui, Ilocos Norte



Hilipad Bridge, Aborlan, Palawan

Tangible results show the government's commitment to upgrade the country's infrastructure network

SUMMARY OF FLOOD CONTROL ACCOMPLISHMENTS

1,680 Flood Control Projects
(July 2022-March 2023)



Libtong Creek Structure in Brgy Libtong, Tagudin, Ilocos Sur



Riverbank Protection Along Nasugbu's Palico River in Brgy Bilaran, Nasugbu, Batangas



Flood control structures along Porac River, Pampanga



Slope Protection along Binalbagan River, Hinigaran, Negros Occidental



Bacon Blvd Breakwater Structure, Sorsogon City



Flood control structures along Porac River, Pampanga

The government aims to modernize the country's infrastructure backbone to sustain rapid growth, attract investments, and spread economic opportunities for all Filipinos.



DPWH MAJOR INFRASTRUCTURE PROJECTS

CAVITE-LAGUNA EXPRESSWAY

45 km expressway connecting CAVITEX in Kawit, Cavite and SLEX-Mamplasan interchange in Biñan, Laguna
 Project Cost: Php 35.7 Billion
 Target Completion Date: October 2024
 Status: 59% complete



NLEX-SLEX CONNECTOR ROAD

7.7 km elevated expressway from the end of Seg. 10 in C3 Road, Caloocan City to PUP Sta. Mesa, Manila & connecting to the Skyway Stage 3
 Project Cost: Php 23.2 Billion
 Target Completion: December 2023
 Status: 84% complete. Section 1 was inaugurated by the President last March 27, 2023



CENTRAL LUZON LINK EXPRESSWAY, PHASE I

30 km. expressway (Tarlac City - Cabanatuan City, Nueva Ecija)
 Project Cost: Php 14.9 Billion
 Target Completion Date: August 2023
 Status: 97% complete



FLOOD RISK MANAGEMENT PROJECT IN CAGAYAN DE ORO RIVER

Project Cost: Php 12.5 Billion
 Target Completion Date: December 2023
 Status: CP1 and CP2-completed. CP3-88% complete



SAMAR PACIFIC COASTAL ROAD

11.6 km (including 3 bridges)
 Project Cost: Php 1.2 Billion
 Target Completion Date: June 2023
 Status: 90% complete



IMPROVING GROWTH CORRIDORS IN MINDANAO ROAD SECTOR PROJECT

151.96 kms. (7 road sub-projects), Guicam Bridge and 3 Tawi-Tawi Bridges
 Project Cost: Php 25.3 Billion
 Target Completion Date: June 2016
 Status: 2 sub-projects completed. 8 sub-projects on-going- 59% complete.



The government aims to modernize the country's infrastructure backbone to sustain rapid growth, attract investments, and spread economic opportunities for all Filipinos.



DPWH MAJOR INFRASTRUCTURE PROJECTS

ROAD NETWORK DEVELOPMENT PROJECT IN CONFLICT-AFFECTED AREAS IN MINDANAO

175 kms. access roads
 Project Cost: Php 12.9 Billion
 Target Completion Date: Dec. 2028
 Status: 4 contract packages on-going



LAGUNA LAKESHORE ROAD NETWORK

51 kilometer Road Network along Laguna Lakeshore
 Project Cost: Php 175.3 Billion
 Target Completion Date: 2026
 Status: DED-93% complete



BATAAN-CAVITE INTERLINK BRIDGE

32 km bridge connecting Mariveles, Bataan and Naic, Cavite
 Project Cost: Php 175.6 Billion
 Target Completion Date: 2029
 Status: DED-85% complete



PANGUIL BAY BRIDGE

3.17 km Bridge connecting Tangub City, Misamis Occidental to Tubod, Lanao del Norte.
 Project Cost: Php 7.4 Billion
 Target Completion Date: December 2023
 Status: 71% complete



SAMAL ISLAND-DAVAO CITY CONNECTOR BRIDGE

3.98 km - Cable-Stayed Bridge
 Project Cost: Php 23.0 Billion
 Target Completion Date: September 2027
 Status: Ground Breaking Ceremony on October 27, 2022



DAVAO CITY BYPASS CONSTRUCTION PROJECT

45 km highway including 2-2.3 km mountain tunnels
 Project Cost: Php 46.8 Billion
 Target Completion Date: December 2027
 Status: Package I-1 - 32% complete





Department of Transportation

The Department of Transportation (DOTr) provides the backbone for growth and enhances the country's competitive edge by providing effective and efficient transportation infrastructure systems that connect the country, its islands, and its people to the rest of the world.

(As of March 2023)

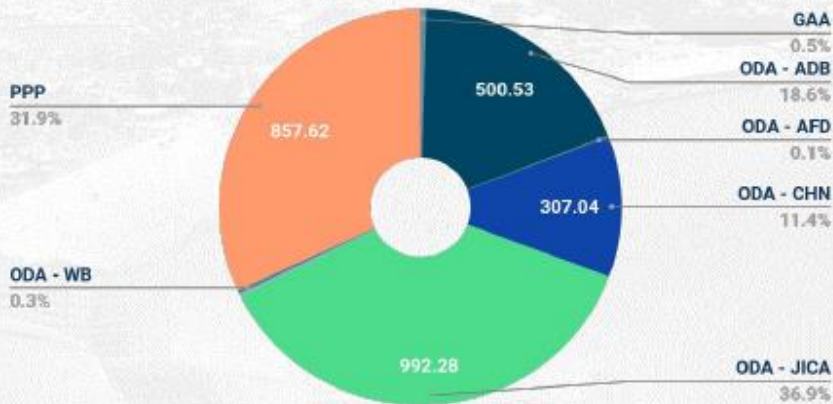
DOTr will BUILD BETTER by

Better Project Identification, Prioritization, and Preparation

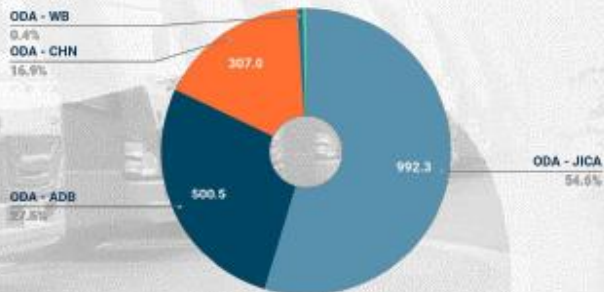
Broader and More Diversified Funding Strategy

Better Project Implementation Strategies

Projects Funding Mix 2022 (in B PHP)



ODA Funding Mix 2022 (in B PHP)



Legend:
 ODA-Official Development Assistance
 ADB-Asian Development Bank
 CHN- China
 WB- World Bank
 AFD-Agence Française de Développement
 KEXIM- Korea Eximbank
 ASEAN-IF-ASEAN Infrastructure Fund
 JICA-Japan International Cooperation Agency

As of 20230307 || 1 USD = PHP 55.11

Projects Funding Mix (in Billions)	2022	% of Total
ODA	USD 32.98 PHP 1,817.80	67.61%
PPP	USD 15.56 (PHP 857.60)	31.90%
GAA	USD 0.24 (PHP 13.10)	0.49%
TOTAL	USD 48.78 (PHP 2,688.5)	100.00%

! MOSTLY ODAs → **✓ DIVERSIFY INTO PPPs**

ODA Funding Mix (in Billions)	2022	% of Total
JICA	USD 18.01 (PHP 992.34)	54.59%
ADB	USD 9.08 (PHP 500.44)	27.53%
CHN	USD 5.57 (PHP 307.03)	16.89%
WB	USD 0.14 (PHP 7.82)	0.43%
AFD	USD 0.06 (PHP 3.09)	0.17%
KEXIM	USD 0.11 (PHP 6.18)	0.34%
ADB (ASEAN-IF)	USD 0.11 (PHP 6.18)	0.05%
TOTAL	USD 32.98 (PHP 1,817.80)	100.00%

! 99% with 3 ODA Partners → **✓ DIVERSIFY ODA PARTNERS**

The government will continue to implement the Build, Build, Build (“BBB”) Program, with a more diversified funding strategy and strategic utilization of PPPs.

(As of March 2023)

New Manila International Airport – Planned to be the largest airport in the Philippines with an initial capacity of 35 mn passengers, 100 mn passengers once fully completed annually. This new international gateway is positioned to serve Metro Manila as well as its neighboring regions

Clark International Airport Expansion Project –a new passenger terminal to double the capacity of Clark International Airport, one of the country’s busiest gateways, to 8 mn passengers per year.

Caticlan Airport Development Project –to upgrade Caticlan Airport, nearest airport to Boracay Island

LRT-1 Cavite Extension - to increase the LRT-1’s capacity from 500,000 to 800,000 daily and extend to highly populated city southwest of Manila. (This extension will reduce travel time between Baclaran, Paranaque and Bacoor, Cavite to 25 minutes, from one hour and 10 minutes.)

MRT-7 – The project involves the financing, design, construction, operation & maintenance of the 23-kilometer elevated railway line connecting the capital to a highly urbanized areas of Bulacan, an adjacent province.

Taguig International Terminal Exchange - A six-storey building on a 5.57-hectare property which would house a passenger concourse, centralized ticketing area and several business and retail establishments.

Investment-Approved PPP Projects; Pre-Construction and Ongoing Construction

LIST OF PROJECTS (not exhaustive)

PROJECT	New Manila Int'l. Airport (Bulacan)	Clark Int'l. Airport Expansion Project	Caticlan Airport Development Project	LRT-1 Cavite Extension	MRT-7	Taguig Integrated Terminal Exchange
Indicative Cost	PHP 735.60 Billion	PHP 12.55 Billion	PHP 2.506 Billion	PHP 64.915 Billion <i>(inc. ODA Component)</i>	PHP 77 Billion	PHP 5.20 Billion <i>(inc. access ramp & land cost)</i>
PPP Structure	BOT	BT	CAOT	BTO	BGTOM	BTO
Cooperation Period	50 years	None	25 years	32 years <i>(inclusive of construction)</i>	25 years	35 years <i>(inclusive of construction)</i>
Location	Region III	Region III	Region VI	NCR, Region IV-A	NCR, Region III	NCR
IA	DOTr	BCDA	CAAP	DOTr, LRTA	DOTr	DOTr
Private Proponent	San Miguel Aerocity Inc. 	Megawide-GMR Construction Joint Venture, Inc. 	Trans Aire Development Holdings Corporation 	Light Rail Manila Corporation 	SMC-Mass Rail Transit 7, Inc 	ARCA South Integrated Terminal Incorporated (ASITI) 

The government will implement a more holistic Build, Build, Build (“BBB”) Program, including strategic utilization of PPPs.

(As of March 2023)

Diversifying into PPPs; Utilizing Multiple Project Preparation Partners & Facilities

 PPP CENTER Project Development and Monitoring Facility (PDMF)	 ASIAN DEV'T. BANK Office of Public-Private Partnership (OPPP)	 WORLD BANK GROUP International Finance Corporation (IFC)	OTHERS
MaPaLla Ferry Capacity Expansion and Level of Service Improvement	NAIA Rehabilitation, Capacity Expansion, and O&M	9 Unsolicited Proposals for Regional Airports New Bicol, Bohol-Panglao, Laguindingan, Iloilo, Puerto Princesa, Bacolod-Silay, Davao, Kalibo, and Siargao	Sangley Airport Redevelopment
Seafarers Training Vessels Acquisition and O&M	Metro Manila Subway Project O&M	Solicited PPPs for Other Regional Airports	Various Toll Roads Construction and O&M
Solicited PPPs for Railway Projects North Long Haul, San Mateo Railway, Northern Mindanao Railway	North-South Commuter Railway System O&M	Cebu Bus Rapid Transit* Bus Supply and O&M	
LTRFB IT	Bundled MRT-3	Air Traffic System (ATS)/ Air Navigation System (ANS)	
NSCR EDSA Busway O&M, Capacity Expansion, and Level of Service Improvement	MRT-4 O&M	6 Unsolicited Proposals for Railway Projects LRT 6A, LRT 6B&C, C5 MRT 10, MRT 11, Fort Bonifacio Sky Train, Cebu Monorail	
Bike Sharing	Davao Public Transport Modernization Project O&M	LRT 2 O&M	
National Transportation Database	Philippine Automated Fare Collection System AFCS Central Clearing House	Bundled Port Terminal Operations	
Makati-Pasay-Taguig MTSL			
North ITS			

The Manila Bay-Pasig River-Laguna Lake (MAPALLA) Ferry System Project- involves the development of a ferry system that would traverse the waterways in Mega Manila and provide commuters an alternative mode of transport

Ninoy Aquino International Airport- rehabilitation, capacity expansion and operations and maintenance (O&M) of the main international gateway to the Philippines

Metro Manila Subway Project- Operations and Maintenance (O&M) of the subway that will decongest the capital’s major thoroughfare and expand the public transport network

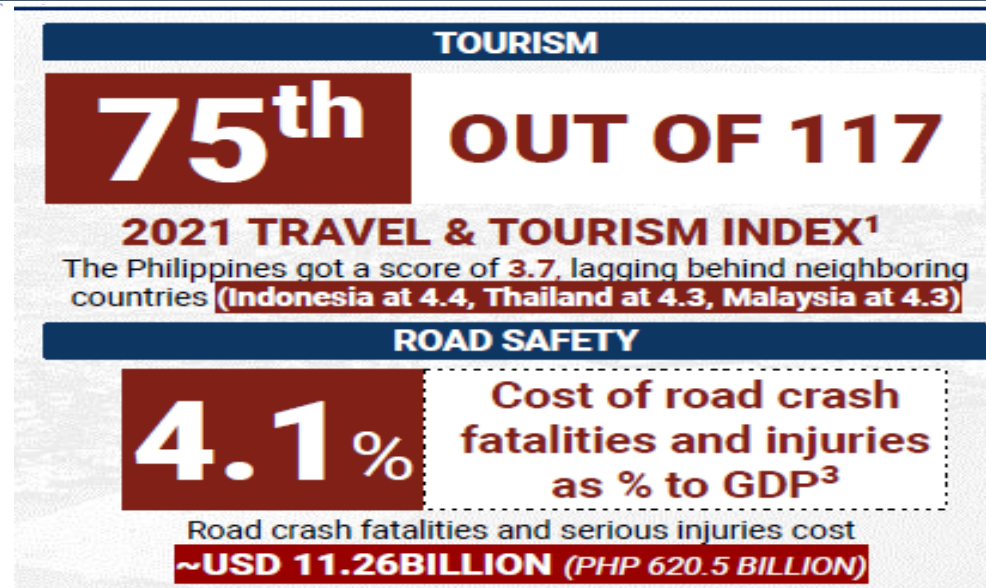
North-South Commuter Railway (NSCR) – O&M of 163-kilometer urban rail transit system allows greater connectivity between Central Luzon and Southern Luzon

MRT 3- O&M of an existing light rapid transit system line in Metro Manila

MRT 4- O&M of a railway project that will connect the capital to adjacent highly urbanized province

Sangley Airport- Construction of a new airport that will serve as an alternative to the NAIA

Addressing Economic Losses and Traffic Congestion in Key Urban Centers



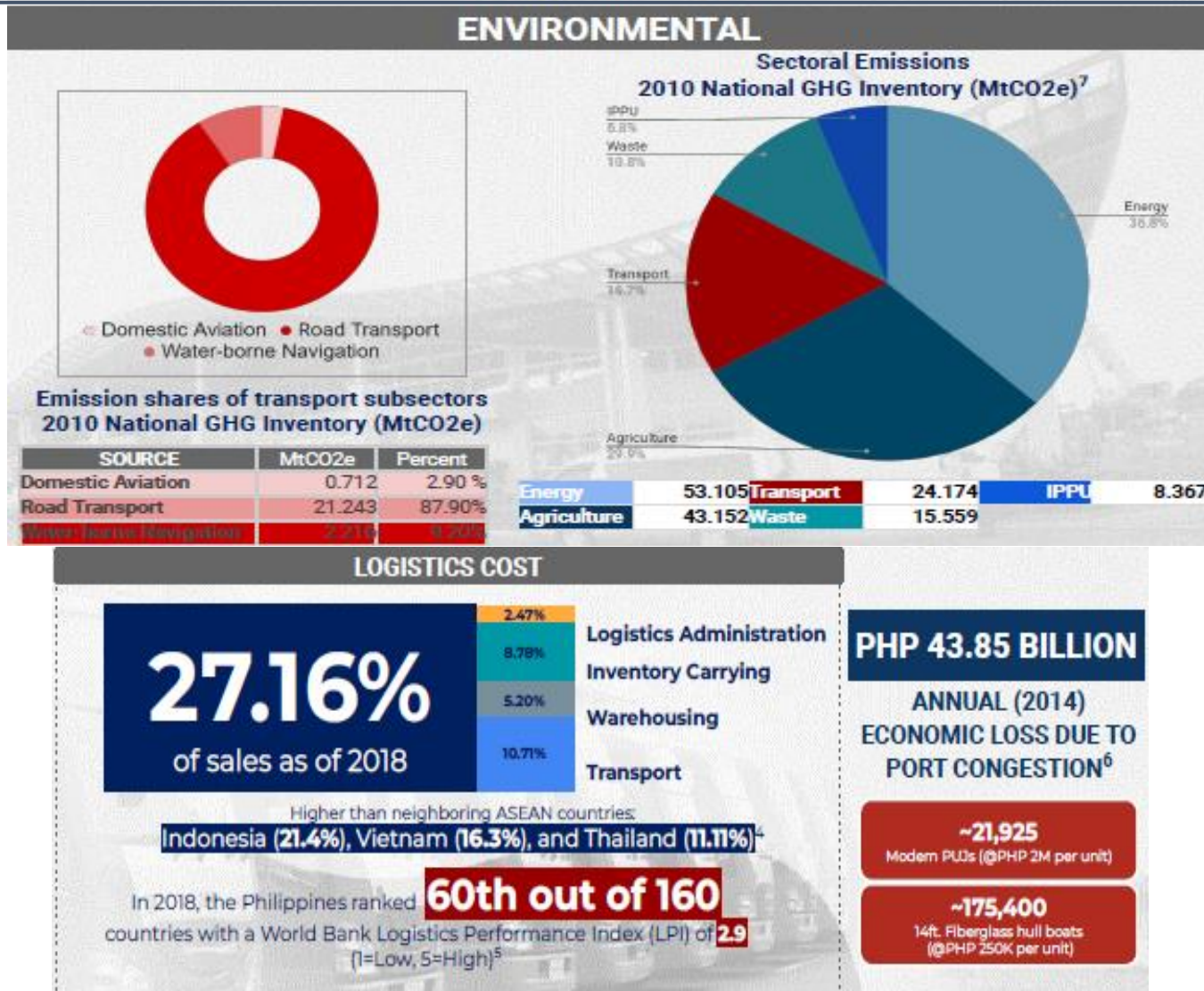
(As of March 2023)

[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)

Addressing Environmental and Logistical Challenges



(As of March 2023)

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

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

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

[7] 2010 Philippine National GHG Inventory (Climate Change Commission)



Public-Private Partnership Center

Reconfiguring public – private partnerships (PPP) can help address cross-cutting issues of a weak competition environment and the digital divide, as well as boost the country’s campaign to attract foreign investments.

“Public Private Partnerships or PPPs hold great potential for that expansion, for infrastructure development and for innovation.”
– President Ferdinand Marcos, Jr.

PPP Center of the Philippines



PUBLIC-PRIVATE PARTNERSHIP
CENTER

The PPP Center facilitates the implementation of the country’s PPP Program. It serves as a central coordinating and monitoring agency for all PPP projects in the country.



Provide technical assistance in **PROJECT DEVELOPMENT AND IMPLEMENTATION**



Advocate for **POLICY** reforms to enhance enabling environment



Provide technical assistance in **PROJECT MONITORING AND EVALUATION**



Conduct **CAPACITY BUILDING** activities to improve skills of agencies



The government is creating a “more competitive and enabling environment” Public Private Partnerships (PPPs) to accelerate infrastructure development.

Summary of PPP projects



Classification: GENERAL

as of January 31, 2023

210

**AWARDED
PROJECTS**

PHP 2,335 Billion

	No.	PhP (bn)
National	88	2,156
Local	122	179

97

**PROJECTS
IN THE PIPELINE**

PHP 3,044 Billion*

	No.	PhP (bn)
National	72	2,153
Local	25	131

**Total cost does not include projects undergoing studies and with costs that are yet to be finalized*



The government is creating a “more competitive and enabling environment” Public Private Partnerships (PPPs) to accelerate infrastructure development.

Upcoming solicited PPPs

Transport

- Road Transport Information Technology Infrastructure Project (Phase II) **(0.39B)**
- North Long Haul (NCR-Ilocos Norte & Cagayan) (TBD)
- NCR EDSA Busway (TBD)
- Manila Bay-Pasig River-Laguna Lake Ferry (TBD)
- San Mateo Railway (TBD)
- Mindanao Railway Phase 3 (Northern Mindanao) (TBD)
- Air Traffic System (ATS)/Air Navigation System (ANS) (TBD)
- Philippine Automatic Fare Collection System (TBD)
- Ninoy Aquino International Airport (TBD)
- Seafarers Training Vessels (TBD)
- Bike Sharing Program (TBD)
- National Transportation Database (TBD)
- Other regional airports (TBD)
- Cebu BRT O&M (TBD)
- Metro Manila Subway O&M **(2.66)**
- North-South Commuter Railway O&M **(3.22B)**
- Metro Rail Transit (MRT) Line 3 O&M (TBD)
- MRT Line 4 O&M (TBD)
- Davao Public Transport Modernization O&M (TBD)

Health and Other Sectors

- UP Philippine General Hospital Manila Cancer Center Project **(4.50B)**
- UP Philippine General Hospital Diliman Project **(21.30B)**
- Baguio General Hospital and Medical Center (BGHMC) – Renal Center Facility Project **(0.47B)**

Roads

- Tarlac-Pangasinan-La Union Expressway (TPLEX) Extension Project **(23.99B)**
- Cavite Tagaytay Batangas Expressway (CTBEx) **(25.18B)**
- Metro Cebu Expressway **(94.07B)**
- Central Luzon Link Expressway (CLLEX) Phase 1 O&M and Phase 2 Project **(12.61B)**
- Rehabilitation / Reconstruction / Improvement, Operation, and Maintenance of Kennon Road Project **(11.33B)**
- North Luzon Expressway East, Phase II (TBD)
- Naawan-Opol-Cagayan de Oro City - Villanueva Expressway (TBD)
- Iloilo-Capiz-Aklan Expressway (TBD)
- Pangasinan-Nueva Ecija Expressway (TBD)
- Mindoro-Batangas Super Bridge (TBD)
- Pacific Eastern Seaboard Expressway (TBD)
- Davao City Bypass Road O&M PPP Project (TBD)
- Boracay Bridge Project **(5.31B)**



The government is creating a “more competitive and enabling environment” Public Private Partnerships (PPPs) to accelerate infrastructure development.

Other PPP Program initiatives

CAPACITY BUILDING ACTIVITIES



Training & development

- Introductory courses, project-specific courses, special topics on PPPs
- Hybrid capacity building – in-person sessions, online capacity building activities, and e-learning modules

Knowledge products and IT-enabled systems

- Roll out knowledge products (e.g. guidebooks, learning series, case studies, and PPP manuals)
- Improvement of PPP information systems

Partnerships and linkages

- Technical assistance agreements
- *Knowledge Corners* in NEDA regional offices
- Joint initiatives with the DILG for local PPPs

POLICY REFORMS



Amended the BOT Law's IRR

Addresses stakeholder concerns on the financial viability and bankability of PPP projects, and concerns about potential delays due to extra steps, rigid processes, or ambiguous



Updated the ICC Guidelines

Streamlined requirements and processes in the approval of PPP projects



Proposed PPP Act

The PPP Act is part of the legislative agenda of the PDP 2023-2028, Medium-Term Fiscal Framework, and LEDAC.

House of Representatives

House Bill No. 6527 was approved on third and final reading on December 12, 2022.

Senate

Five (5) Senate PPP bills are pending in the Committee on Public Works.

The government is creating a “more competitive and enabling environment” Public Private Partnerships (PPPs) to accelerate infrastructure development.

Other PPP Program initiatives

PROPOSED REFORMS IN THE PPP ACT

Reforms that address ambiguities in the existing law



Fold in joint ventures under a unified PPP legal framework



Provide a predictable tariff regulation regime that protects public interest

Reforms that foster a more competitive and enabling environment for PPPs



Allow alternative sources of financing



Improve the framework for unsolicited proposals (USPs)

Reforms that address bottlenecks and challenges affecting the implementation of the PPP Program



Update approval thresholds for national PPP Projects, which may be updated by the ICC-NEDA



Institutionalize and strengthen the PPP Center, PPP Governing Board, and the Project Development and Monitoring Facility



Delegate approval of local PPP projects to Sanggunians of LGUs or Boards of local universities and colleges

The government has a robust pipeline of PPP projects across key sectors.

PPP projects in the pipeline

TRANSPORTATION

	No.	PhP (bn)	USD (bn)
N	55	1,378.63	25.30
L	4	69.23	1.27
Total		1,447.86	26.57

VERTICAL INFRASTRUCTURE

	No.	PhP (bn)	USD (bn)
N	6	1,493.72	27.25
L	5	19.17	0.35
Total		1,512.89	27.6

DIGITAL CONNECTIVITY

	No.	PhP (bn)	USD (bn)
N	4	0.41	0.0075
L	1	0.02	0.00036
Total		0.43	0.00786

TOURISM

	No.	PhP (bn)	USD (bn)
N	1	TBD	TBD
L	2	11.69	0.21
Total		11.69	0.21

HEALTH

	No.	PhP (bn)	USD (bn)
N	6	26.41	0.48

SOLID WASTE MANAGEMENT

	No.	PhP (bn)	USD (bn)
L	3	22	0.39

POWER

	No.	PhP (bn)	USD (bn)
L	3	TBD	TBD

WATER SUPPLY AND SANITATION

	No.	PhP (bn)	USD (bn)
N	1	14.49	0.26
L	7	7.75	0.14
Total		22.24	0.40

Agency Contact Details

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foi@neda.gov.ph

Department of Energy

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Department of Public Works and Highways

<https://www.dpwh.gov.ph>
(632)165-02
+639616847084

Department of Transportation

<https://dotr.gov.ph/>
(632)726-4925
(632)790-8300

Public-Private Partnership Center

<https://ppp.gov.ph>
(632)8709-4146
Info@ppp.gov.ph

Investor Relations Group – Bangko Sentral ng Pilipinas

<https://www.bsp.gov.ph/Pages/IRO.aspx>
(632)8708-7487
iro-semu@bsp.gov.ph

For more reference materials please use the link below:

