

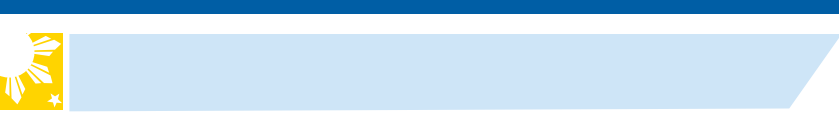


PUBLIC - PRIVATE

PARTNERSHIP PROJECTS

September 2010







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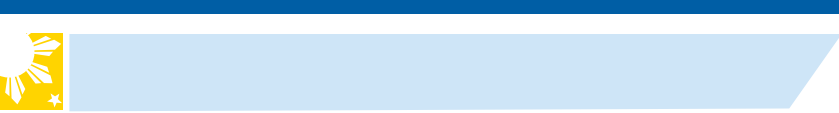
List of Private Sector Power Projects ²

- Projects in Luzon
- Projects in Visayas
- Projects in Mindanao
- Hydro Frontier Areas ³

1 : The list of PPP projects included herein is an initial list that will be constantly updated and expanded.

2 : The power projects included herein are open to joint ventures.

3 : The Department of Energy of (DOE) has identified these potential hydro areas for private sector investment.





**MALACAÑAN PALACE
Manila**

For too long, the Philippines has been a great hub of untapped potential, waiting only for partnerships based on shared aspirations of mutually beneficial possibilities. Recent events, such as peaceful, credible elections and a government with a mandate for change, drastically changed the outlook of the country. Now, we are ready to take significant steps to achieve this nation's great potential.

There is a newfound optimism in the Philippines born of a newfound trust between the people and their government. Workers, entrepreneurs and public officials can look forward to the stability that provides a firm foundation for a more vibrant economy.

We are working to develop profitable partnerships with private companies both domestic and international. We have the resources. We have the human capital. Filipino citizens, invigorated by a shared sense of professionalism, integrity, and quality, are working with their leaders to build the policy foundations for growth.

We are here to propose development projects that will prove mutually beneficial to your firms and our country. The incentives we have outlined are intended to display the substantial opportunities we can seize and the advantages we can gain by working as one.



BENIGNO S. AQUINO III

13 September 2010



ARMM	Autonomous Region in Muslim Mindanao
BIR	Bureau of Internal Revenue
BOC	Bureau of Customs
BOI	Board of Investments
BLT	Build-Lease-and-Transfer
BOO	Build-Own-and-Operate
BOP	Balance of Payments
BOT	Build-Operate-Transfer
BRT	Bus Rapid Transit
BSP	Bangko Sentral ng Pilipinas
BT	Build-and-Transfer
BTO	Build-Transfer-and-Operate
C-5	Circumferential Road 5
C-6	Circumferential Road 6
CAO	Contract-Add-and-Operate
CAAP	Civil Aviation Authority of the Philippines
CALA	Cavite-Laguna
CIAC	Clark International Airport Corporation
CLEX	Central Luzon Link Expressway
D/E	Detailed Design
DMIA	Diosdado Macapagal International Airport
DA	Department of Agriculture
DepEd	Department of Education
DOE	Department of Energy
DOH	Department of Health
DOJ	Department of Justice
DOT	Department of Tourism
DOT	Develop-Operate-and-Transfer
DOTC	Department of Transportation and Communication
DPWH	Department of Public Works and Highways
ECC	Environmental Compliance Certificate
EDC	Energy Development Corporation
EIA	Environment Impact Assessment
ERC	Energy Regulatory Commission
ESA	Electricity Sales Agreement
FBT	Food, beverages and tobacco
FDI	Foreign Direct Investments
FPI	Foreign Portfolio Investments
FLW	Fuel, light and water
FS, F/S	Feasibility Study
FTI	Food Terminal Incorporated
GDP	Gross Domestic Product
GIR	Gross International Reserves
GNP	Gross National Product
GOCC	Government-Owned and Controlled Corporation
IPPA	Independent Power Producer Administrator
LGU	Local Government Unit
LRT	Light Rail Transit





LRTA	Light Rail Transit Authority
MCIAA	Mactan Cebu International Airport Authority
MIAA	Manila International Airport Authority
MLD	Million Litres Per Day
MNTC	Manila North Tollways Corporation
MRT	Metro Rail Transit
MRF	Materials, Recovery Facility
MWSS	Metropolitan Waterworks and Sewerage System
SLF	Sanitary Landfill
NAIA	Ninoy Aquino International Airport
NCR	National Capital Region
NIA	National Irrigation Administration
NEDA	National Economic and Development Authority
NEDA-ICC	National Economic and Development Authority-Investment Coordination Committee
NG	National Government
NGCP	National Grid Corporation of the Philippines
NLEX	North Luzon Expressway
NPC	National Power Corporation
NPL	Non-Performing Loans
NSWMC	National Solid Waste Management Commission
O&M	Operation and Maintenance
ODA	Official Development Assistance
PhilMEC, PHILMECH	Philippine Center for Postharvest Development and Mechanization
PMO	Project Management Office
PMO-BOT	Project Management Office for Build-Operate-Transfer
PNR	Philippine National Railways
PPP	Public Private Partnership
PRA	Philippine Reclamation Authority
PSALM	Power Sector Assets and Liabilities Management Corp.
PSP	Private Sector Participation
R-7	Radial Road 7 (Quezon Avenue, Commonwealth Avenue)
RATs	Run After The Smugglers
RATEs	Run After Tax Evaders
RIPS	Revenue Integrity Protection Service
ROO	Rehabilitate-Own-and-Operate
ROT	Rehabilitate-Own-and-Transfer
ROW	Right-of-Way
RP	Repurchase (Overnight Lending Rate)
RRP	Reverse Repurchase (Overnight Borrowing Rate)
SEC	Securities and Exchange Commission
SLEX	South Luzon Expressway
SLTC	South Luzon Tollways Corporation
SPDC	Strategic Power Development Corporation
TBD	To be determined
TOR	Terms of Reference
TransCo	National Transmission Corporation
U/KB	Universal and Commercial Banks

*Exchange Rate used: PhP45.00 = USD1.00



The Aquino Administration's Socio-economic Agenda

President Benigno S. Aquino III's Social Contract with the Filipino People envisions a country that has achieved inclusive growth and is characterized by rapid, sustained, and broad-based economic growth that is focused on creating more jobs and new opportunities to achieve full employment, and on significantly reducing poverty.

In order to attain this vision, the development strategies will be directed towards attaining a high and sustained economic growth, providing equal access to development opportunities and formulating effective social safety nets.

To help achieve the high and sustained economic growth needed to generate productive employment opportunities, the Government will provide an enabling environment for private sector investment through a stable macroeconomic environment and sound and consistent public policies. Measures to increase the country's competitiveness will be implemented by investing in infrastructure, and improving governance by reducing the cost of doing business, enforcing the rule of law, ensuring the effective and efficient delivery of public service, and improving the investment programming processes. To achieve a higher growth path over the medium term, the Government will focus on improving productivity and creating new opportunities for full employment and efficient allocation of resources. The levels of private investment and entrepreneurship, especially among micro, small and medium enterprises (MSMEs) will also be raised.

The Government will ensure that different geographical areas, income levels and social spectra will be given equal access to development opportunities, so that the expansion of employment opportunities truly translates into poverty reduction. This will entail more quality investment in human capital, especially in education, primary health care and nutrition, and other basic social services. The Government will also level the playing field through equal access to infrastructure, credit, land, technology, and other productive inputs. And the Government will implement unbiased and facilitative policies that promote competition as it improves governance and strengthens institutions.

In gearing up for a high sustained growth, the Government will provide effective and responsive social safety nets to protect and support those who are unable to immediately participate in this new economic growth process. These social safety nets will be formulated and implemented to effectively address the issue of poverty, as well as the devastating effects of climate change.





Objectives of the PPP Program

The Philippine Government recognizes the essential role of the private sector as the main engine for national growth and development. In accordance with this, pertinent incentives will be provided to stimulate private resources for the purpose of financing the construction, operation and maintenance of infrastructure and development projects normally undertaken by the Government.

Private sector investors will be selected through open competition under fair and transparent terms. All interested investors will be given a level playing field with reasonable returns and appropriate sharing of risks without compromising the protection of public interests. Through this program, end-users will be provided with adequate, safe, efficient, reliable, and reasonably-priced infrastructure services.

The projects under the PPP Program were selected based on the following criteria:

1. Project Readiness/Preparation:

a. For 2011 Rollout

- i. Feasibility Study to be completed within 2010 to 2011,
- ii. Completed Feasibility Study being reconfigured for PPP, and
- iii. Ready to tender in 2011.

b. For Medium-Term Rollout and other PPP Projects

- i. Included in the PPP pipeline projects of the Implementing Agencies, and
- ii. Initial preparation on-going, i.e., concept stage, hiring of consultants for Feasibility Study preparation.

2. Responsiveness to the sector's needs (e.g., part of the transport network system, water supply/sewerage, electric power capacity, etc); and

3. High Implementability (bankable, no major issues).

Enhanced Processing Efficiency

The Government is committed to facilitating the approval and implementation process for PPP projects. In accordance with this, solicited proposals will be processed within six (6) months. Qualified PPP proposals must complete all necessary documents to facilitate the approval process.




V. LIST OF PROJECTS

A.FOR 2011 ROLLOUT - DPWH

PROJECT TITLE		NLEX-SLEX LINK EXPRESSWAY	
DESCRIPTION			
<p>The project aims to close the gap and complete the north-south Luzon industrial beltway transport axis by connecting North Luzon Expressway (NLEX) and the South Luzon Expressway (SLEX). The project will contribute to the decongestion of Metro Manila traffic, particularly along EDSA, and provide 24-hour access to Manila ports by providing faster, safer and more comfortable means of transport. The alignment will start at Caloocan City and end at Makati City. The project is an elevated expressway over the Philippine National Railways (PNR) right-of-way.</p> <p>L = 13.4 km No. of Lanes = 4 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	Mid 2011 - 2014
PROJECT COST	PhP 21,000 Million USD 466.67 Million	SPONSORING AGENCY	DPWH / MNTC (private proponent)
PROJECT STATUS			
<ul style="list-style-type: none"> • A FS was conducted by the Manila North Tollways Corporation (MNTC) and submitted as an unsolicited proposal to DPWH in April 2010 for evaluation. • Expected date of Bidding/Tendering (Swiss Challenge) – 1st Quarter of 2011. • Detailed Design and Construction Schedule – mid 2011 - 2014. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			






PROJECT TITLE	CALA EXPRESSWAY - MANILA SIDE SECTION (27.5 KM)		
DESCRIPTION	 <p>The project will provide vital access between various economic zones in Cavite Province and NAIA, Manila Port and Batangas Port, and contribute to the economic development and decongestion of traffic along Cavite roads, particularly Aguinaldo Highway. This is the extension of the ongoing Manila-Cavite Coastal Expressway Extension and ends at Silang, Cavite Province. It is an at-grade expressway.</p> <p>L = 27.5 km No. of Lanes = 6 lanes</p>		
MODE	PPP	IMPLEMENTATION SCHEDULE	Mid 2012 - Mid 2015
PROJECT COST	PhP 10,500 Million USD 233.33 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • Detailed FS will start in November 2010 and will be completed in June 2011. • Expected date of Bidding /Tendering Schedule – 3rd Quarter 2011. • Detailed Design and Construction Schedule – mid 2012 - 2015. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			



V. LIST OF PROJECTS

A. FOR 2011 ROLLOUT - DOTC

PROJECT TITLE		MRT/LRT EXPANSION PROJECT	
DESCRIPTION			
<p>The project aims to integrate and expand the capacity of existing MRT 3 and LRTA railway lines. It involves the extension of the existing 15-kilometer LRTA Line 1 system southward to Bacoor, Cavite by an additional 11.7 kilometers, which includes 8 passenger stations with provision for 2 additional future passenger stations, a satellite depot for light maintenance to be located at the southern end of the proposed line, and intermodal facilities installed at high-demand stations, including the provision of additional rolling stocks to meet current demand and systems enhancements. Also included is the integration of Lines 1 and 3 to permit through-train operations.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2011-2014
PROJECT COST	PhP 70,000 Million USD 1,555.56 Million	SPONSORING AGENCY	DOTC/LRTA
PROJECT STATUS			
<ol style="list-style-type: none"> 1) FS for PPP reconfiguration to start in October 2010; tendering may commence in the 2nd quarter of 2011. 2) Considering the potential implementation risk to the project due to the MRT 3 equity buyout, 2 tender documents will be prepared: (1) Scenario 1 will assume that the buyout will be completed, hence the 2 rail systems will be integrated; (2) Scenario 2 will assume that there will be no MRT 3 buyout, hence the project will only take into account the south extension up to the common terminal. 3) The project will be tendered on an international bid plus financing basis. 4) In the interim, while project preparation and construction of MRT/LRT Expansion is ongoing, the O&M for LRT 1 and MRT 3 may be bid out to the private sector as a single contract. Prior to this, DOTC will have to initiate amendments to the MRT 3 BLT agreement so that the responsibility for the maintenance of the MRT system could be transferred to DOTC. When the O&M of the MRT 3 becomes the responsibility of the DOTC, it will be able to bid it out (integrated with the O&M for LRT 1) for a period of around 3-5 years. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			







PROJECT TITLE		LRT LINE 2 EAST EXTENSION PROJECT	
DESCRIPTION		<p>The project involves the expansion, operation and maintenance of the existing LRT Line 2. Expansion covers the construction of a 4-kilometer eastern extension of LRT Line 2 from Santolan in Pasig City to Masinag Junction in Antipolo, Rizal, with 2 additional passenger stations to be located at Sta. Lucia Mall and at Masinag.</p>	
MODE	PPP	IMPLEMENTATION SCHEDULE	2011-2013
PROJECT COST	Php 11,299.47 Million USD 251.10 Million	SPONSORING AGENCY	DOTC/LRTA
PROJECT STATUS			
<ol style="list-style-type: none"> 1) FS on Manila LRT Line 2 East-West Extension Project completed March 2010. 2) FS thru external assistance to reconfigure the project into PPP under consideration. 3) FS will validate end point, scope, and costs. 4) Tendering may commence during the 4th quarter of 2011. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			




V. LIST OF PROJECTS

A.FOR 2011 ROLLOUT - DOTC

PROJECT TITLE		NEW BOHOL AIRPORT	
DESCRIPTION		  <p style="text-align: right; margin-right: 50px;">PROJECT LOCATION</p>	
Construction of a 230-hectare new airport facility complex of international standards, with a 2,500 m. x 45 m. runway to replace the existing Tagbilaran Aiport.			
MODE	PPP	IMPLEMENTATION SCHEDULE	2012-2015
PROJECT COST	PhP 7,543 Million USD 167.62 Million	SPONSORING AGENCY	DOTC/MIAA/CAAP
PROJECT STATUS			
<ol style="list-style-type: none"> 1) Validation/site selection study by 4th quarter of 2011. 2) FS preparation to reconfigure the project into PPP. 3) FS will validate project scope, costs, and structure. 			
CONTACT INFORMATION			
Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com			





PROJECT TITLE		PUERTO PRINCESA AIRPORT	
DESCRIPTION		 <p style="text-align: right; margin-right: 20px;">PROJECT LOCATION</p>	
<p>Rehabilitation/improvement of the existing Puerto Princesa Airport to meet the standards of the International Civil Aviation Organization (ICAO), through the construction of new landside facilities in the northwestern side of the existing runway such as a passenger terminal building, control tower, administration & operation building, cargo terminal building, rescue & fire fighting building and other support facilities, construction of new apron and connecting taxiways, upgrading of the existing 2.6 km runway and its strip, and the provision of new navigational and traffic control equipment.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2012-2015
PROJECT COST	Php 4,362 Million USD 96.93 Million	SPONSORING AGENCY	DOTC/CAAP
PROJECT STATUS			
<ol style="list-style-type: none"> 1) FS preparation to reconfigure the project into PPP. 2) FS will validate project scope, costs, and structure. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			



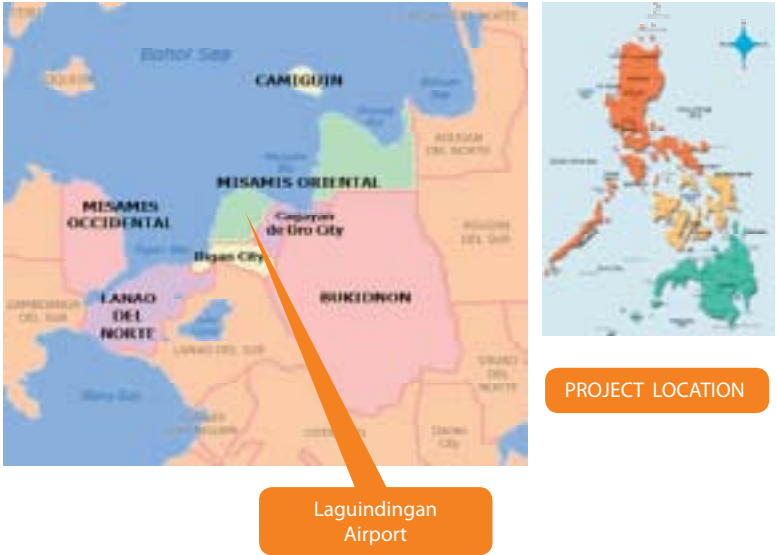
V. LIST OF PROJECTS

A.FOR 2011 ROLLOUT - DOTC

PROJECT TITLE		DEVELOPMENT OF CITY TERMINAL FOR DMIA	
DESCRIPTION			
<p>The project involves the development of a City Terminal servicing the Diosdado Macapagal International Airport (DMIA) in order to reduce cargo loading times at DMIA by transferring such activities to the proposed city terminal.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2011-2012
PROJECT COST	TBD	SPONSORING AGENCY	DMIA
PROJECT STATUS			
FS to develop the city terminal for DMIA by 2nd quarter of 2011.			
CONTACT INFORMATION			
Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com			






PROJECT TITLE	PRIVATIZATION OF LAGUINDINGAN AIRPORT OPERATION AND MAINTENANCE		
DESCRIPTION	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>The project involves the Operation and Maintenance of a newly constructed airport on a 393-hectare property complete with facilities of international standards. The airport can accommodate 1.2 million passengers per year based on its Master Plan.</p> </div> <div style="flex: 2;">  </div> </div>		
MODE	PPP	IMPLEMENTATION SCHEDULE	2013
PROJECT COST	TBD	SPONSORING AGENCY	DOTC/CAAP
PROJECT STATUS			
For preparation of business case and TOR for the privatization of the airport operation and maintenance by concession.			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			




V. LIST OF PROJECTS

A.FOR 2011 ROLLOUT - DOTC

PROJECT TITLE		DARAGA INTERNATIONAL AIRPORT	
DESCRIPTION		 <p>PROJECT LOCATION</p> <p>MUNICIPALITY OF DARAGA PROVINCE OF ALBAY REGION V BASIC MAP</p> <p>Barangay Alobo, Daraga, Albay</p>	
<p>The project involves the conduct of a feasibility/ advance engineering study, preparation of detailed engineering designs, and construction of airport facilities. It also includes land acquisition of about 180 hectares. Project components are the following:</p> <ul style="list-style-type: none"> •Landside - Passenger Terminal, Cargo Building, Control Tower, Administration Building, Vehicle Parking Area, and other site development; •Airside - Runway Strip/Runway, Taxiway, Apron, Air Traffic/Navigation Equipment. 			
MODE	PPP	IMPLEMENTATION SCHEDULE	2012-2015
PROJECT COST	Php 3,075 Million (USD 68.33 Million)	SPONSORING AGENCY	DOTC/CAAP
PROJECT STATUS			
<ul style="list-style-type: none"> • Right-of-Way acquisition to be completed by end of 2010. • Preparation of FS to reconfigure project into PPP to commence by the 1st quarter of 2011. • Expected date of bidding/tendering: 4th quarter of 2011. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			



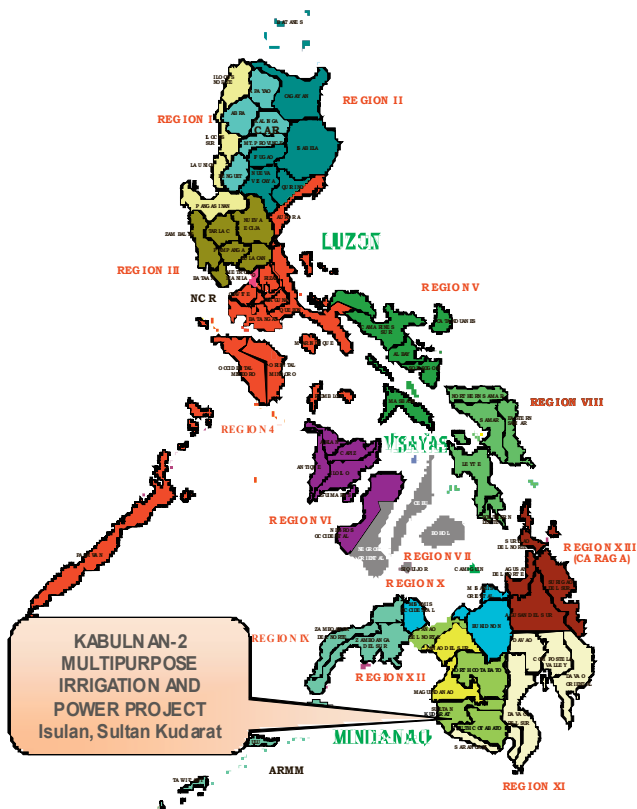


PROJECT TITLE	SUPPLY OF TREATED BULK WATER FOR METRO MANILA		
DESCRIPTION			
MODE	PPP	IMPLEMENTATION SCHEDULE	2011 onwards
PROJECT COST	TBD	SPONSORING AGENCY	Metropolitan Waterworks and Sewerage Administration (MWSS)
PROJECT STATUS			
<ul style="list-style-type: none"> • Bulk water supply of 150 MLD and 350 MLD is targeted for competitive bidding by 2011 and 2012, respectively. • MWSS has not yet submitted the committed projects to fill the projected supply gap in Metro Manila. 			
CONTACT INFORMATION			
<p>Name : ENGR. MACRA A. CRUZ Designation : Officer-in-Charge Agency : Metropolitan Waterworks and Sewerage Administration (MWSS) Telephone No. : (63 2) 928-5691 Fax No. : (63 2) 922-25689 Email Address : macra_cruz@yahoo.com</p>			




V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DA

PROJECT TITLE		KABULNAN-2 MULTI-PURPOSE IRRIGATION AND POWER PROJECT	
DESCRIPTION		 <p style="text-align: center;">PROJECT LOCATION MAP</p>	
<p>The project will provide irrigation water to 19,330 hectares of new rice areas and supplemental water to 11,000 hectares under the existing irrigation system (in Sultan Kudarat and Maguindanao). It also intends to provide quality/dependable water for domestic use and generate 110 MW of hydro-electric power. It shall have the following components: (1) Irrigation development; (2). Power generation; (3) Fisheries development; (4) Flood control/drainage system; (5) Road/Bridge system; and (6) Reforestation/ watershed management. It envisions the construction of an 80-meter high zoned-earth fill dam across Maganoy River.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2011 - 2018
PROJECT COST	PhP 14,373 Million USD 319.4 Million	SPONSORING AGENCY	National Irrigation Administration (NIA)
PROJECT STATUS			
<p>Feasibility Study done by NIA last April 2007. NIA will be updating the project cost together with the financial analysis this September 2010. The project may be considered for promotion of peace and order in the area.</p>			
CONTACT INFORMATION			
Name	: MILO M. LANDICHO		
Designation	: Division Manager A		
Agency	: National Irrigation Administration (NIA)		
Telephone No.	: (63 2) 926 76 78		
Fax No.	: (63 2) 922 23 28		
Email Address	: milo_landicho@yahoo.com		






PROJECT TITLE	BALINTINGON RESERVOIR MULTI-PURPOSE PROJECT		
DESCRIPTION	 <p>The project is expected to provide irrigation water to 14,900 hectares of rice areas in the eastern section of the Central Plain of Luzon, and generate 30 MW (primary energy output- 119 GWH/year) of electricity for the Luzon Grid (Nueva Ecija and Bulacan). It shall have two components: (1) Irrigation/ Hydropower development (construction of a 140-meter high rockfill central-core multipurpose dam across Sumacbao River/ Reservoir, diversion dams, drainage/ canals and power plants); and (2) Agricultural development (promotion of diversified agriculture).</p>		
MODE	PPP	IMPLEMENTATION SCHEDULE	2011 - 2021
PROJECT COST	Php 15,670 Million USD 348.22 Million	SPONSORING AGENCY	National Irrigation Administration (NIA)
PROJECT STATUS			
<p>Concord Pacific Investment Holdings Limited, Inc. (CPIHLI) expressed interest to conduct a full blown FS for the subject project (17 February 2010) in preparation for the submission of a BOT proposal. However, NIA can still accept proposals from other interested proponents.</p>			
CONTACT INFORMATION			
<p>Name : MILO M. LANDICHO Designation : Division Manager A Agency : National Irrigation Administration (NIA) Telephone No. : (63 2) 926 76 78 Fax No. : (63 2) 922 23 28 Email Address : milo_landicho@yahoo.com</p>			

V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DA

PROJECT TITLE		ESTABLISHMENT OF COLD CHAIN SYSTEMS COVERING STRATEGIC AREAS IN THE PHILIPPINES	
DESCRIPTION			
<p>The project will establish cold chain systems consisting of common service facilities with marketing support along the following routes: (1) Benguet-Manila; (2) Cagayan-Manila; (3) Visayas Inter-Island; and (4) Mindanao-Cebu-Manila. These will reduce postharvest losses, maintain an inventory of quality perishable goods, promote direct marketing, stabilize prices and promote food safety consciousness. The major components are: (1) Organization of key players in the food supply chain; (2) Setting-up of distribution systems using appropriate cold chain technologies; and (3) Capacity building.</p> <p>Project Locations/Areas of Influence:</p> <ol style="list-style-type: none"> 1. Benguet-Manila Route (for the vegetable production areas in Benguet, for transport to Metro Manila) 2. Cagayan-Manila Route (for the fishery, fruit and vegetable production areas in Cagayan, Isabela and Nueva Vizcaya, for transport to Metro Manila) 3. Visayas Inter-Island Connections (for the fishery, fruit and vegetable production areas in all Visayas Regions, for transport mainly to Metro Cebu) 4. Mindanao-Cebu-Manila Route (for the fishery, fruit and vegetable production areas in various Mindanao Regions, for transport mainly to Metro Cebu, and/ then to Metro Manila) 			
MODE	PPP	IMPLEMENTATION SCHEDULE	(No Specific Date)
PROJECT COST	PhP 5,300 Million USD 117.78 Million	SPONSORING AGENCY	PhilMech/PFDA
PROJECT STATUS			
Project concept only; no full-blown project proposal/FS yet (PHILMEC was advised to complete project proposal by October 2010, for possible submission to NEDA-ICC).			
CONTACT INFORMATION			
<p>Name : RICARDO L. CACHUELA Designation : Executive Director Agency : Philippine Center for Postharvest Development and Mechanization (PhilMech) CLSU, 3120 Muñoz, Nueva Ecija Telephone No. : (63 44) 456-0213 / (63 44) 456-0110 / (63 44) 927-4029 Email Address : execdir@bpre.gov.ph</p> <p>Name : ZENAIDA M. VILLEGAS Designation : OIC-Director Agency : Department of Agriculture (DA) - Project Development Service Telephone No. : (63 2) 920-14-07 / (63 2) 920-09-28 Email Address : zennyvee@yahoo.com</p>			





ESTABLISHMENT OF GRAINS CENTRALS WITH BULK HANDLING FACILITIES

DESCRIPTION

The project will establish efficient integrated grains postharvest and bulk handling facilities and services that will cover all rice and corn postharvest activities, including marketing. These will be put up in major seaports (for the bulk handling facilities) and priority rice/corn production/ consolidation/ demand areas nationwide (for the other services). The major components are: (1) Rice Processing/ Trading Centers w/Bulk Handling Facilities/Logistics Support; (2) Development of Grain Bulk Handling System for Corn; and (3) Establishment of Rice Production and Postharvest Facility Service Centers for Irrigators Associations (IAs) in the 49 priority rice production areas.



MODE	PPP	IMPLEMENTATION SCHEDULE	(No Specific Date)
PROJECT COST	PhP 2,031.21 Million USD 45.138 Million	SPONSORING AGENCY	PhilMech

PROJECT STATUS

Project concept only; no full-blown project proposal/FS yet (PHILMEC was advised to complete project proposal by October 2010, for possible submission to NEDA-ICC).

CONTACT INFORMATION

Name : RICARDO L. CACHUELA
Designation : Executive Director
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Name : ZENAIDA M. VILLEGAS
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V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DA

PROJECT TITLE		LOGISTICS SUPPORT ON THE AGRI-FISHERY PRODUCTS SUPPLY CHAIN (TRANSPORTATION OF AGRI-FISHERY PRODUCTS UTILIZING THE SOUTHRAIL MAIN LINE)	
DESCRIPTION			
<p>The project is expected to reduce postharvest losses in various agri-food commodities (grains, fruits, vegetables, meat and fisheries products) and improve efficiency of food transport and handling facilities/services in Albay, Camarines Sur, Quezon, Laguna, and the NCR. The major components are: (1) Establishment of handling (loading/ unloading) in Railway Terminals; and (2) Establishment of Consolidation Centers, Transport & Storage Facilities and other Infrastructure.</p> <p>Project Locations/Areas of Influence: Production areas: The Bicol Region, specifically Camarines Sur and Albay, as well as Quezon and Laguna. Trading and other consolidation centers: To be set up near the train stations with the necessary infrastructure support to facilitate the efficient loading of goods. Target markets: To be transported to trading centers in Alabang, Blumentritt and Divisoria Markets.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	(No Specific Date)
PROJECT COST	PhP 1,500 Million USD 33.33 Million	SPONSORING AGENCY	PhilMech
PROJECT STATUS			
Project concept only; no full-blown project proposal/FS yet (PHILMEC was advised to complete project proposal by October 2010, for possible submission to NEDA-ICC).			
CONTACT INFORMATION			
<p>Name : RICARDO L. CACHUELA Designation : Executive Director Agency : Philippine Center for Postharvest Development and Mechanization (PhilMech) CLSU, 3120 Muñoz, Nueva Ecija Telephone No. : (63 44) 456-0213 / (63 44) 456-0110 / (63 44) 927-4029 Email Address : execdir@bpre.gov.ph</p> <p>Name : ZENaida M. VILLEGAS Designation : OIC-Director Agency : Department of Agriculture (DA) - Project Development Service Telephone No. : (63 2) 920-1407 / (63 2) 920-0928 Email Address : zennyvee@yahoo.com</p>			



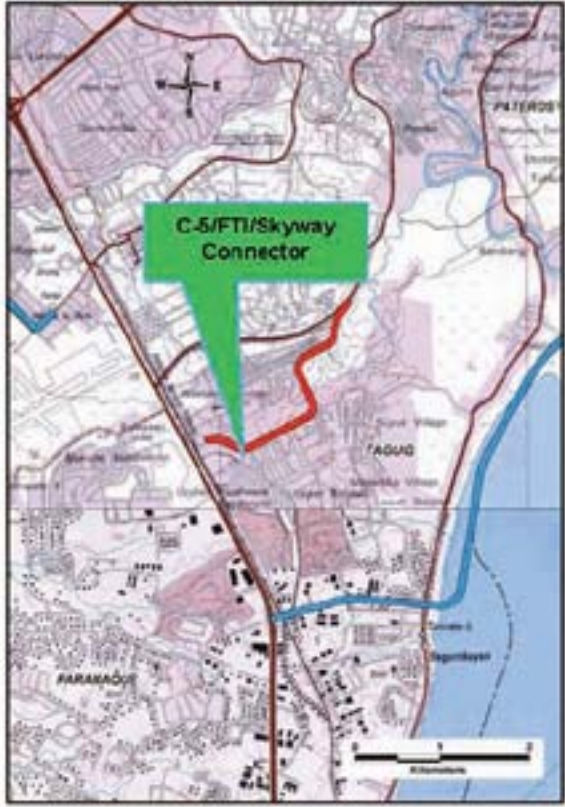


PROJECT TITLE	CALA EXPRESSWAY - LAGUNA SIDE SECTION (14.3 KM)		
DESCRIPTION	 <p data-bbox="1007 1149 1251 1171">CALA EXPRESSWAY - Phase I</p> <p data-bbox="92 376 687 792">The project will provide vital access between various economic zones in Cavite Province and NAIA, Manila Port and Batangas Port, and contribute to the economic development and decongestion of traffic along Cavite roads, particularly Aguinaldo Highway and Governor's Drive. It is the continuation of CALA Expressway-Manila Side Section and will connect to SLEX at Calamba, Laguna Province. It is an at-grade expressway.</p> <p data-bbox="92 837 379 904">L = 14.3 km. No. of Lanes = 6 lanes</p>		
MODE	PPP	IMPLEMENTATION SCHEDULE	2013-2015
PROJECT COST	Php 7,000 Million USD 155.55 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • FS to be updated in 2011 and will be completed end of 2011. • Expected Bidding/Tendering Schedule – 1st Quarter of 2012. • Detailed Design and Construction schedule – 2013 - 2015. 			
CONTACT INFORMATION			
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V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DPWH

PROJECT TITLE	C-5/FTI/SKYWAY CONNECTOR		
DESCRIPTION	<p>The project will provide direct access to Food Terminal Inc. (FTI) from both Skyway and C-5 in order for FTI to be revitalized. At present, activities in FTI are depressed due to poor access. Once accessibility is provided, FTI can be developed as an advanced commercial and residential center.</p> <p>L = 3.0 km Total Length = 6.8 km (including ramps) No. of Lanes = 2 lanes to 4 lanes</p>		
	 <p>C-5/FTI/SKYWAY CONNECTOR ROAD</p>		
MODE	PPP	IMPLEMENTATION SCHEDULE	2012-2015
PROJECT COST	PhP 5,640 Million USD 125.33 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • FS was completed in 2006. • Detailed Design already completed (August 2010) - under review by the Bureau of Design, DPWH. • Bidding/Tendering Schedule – 3rd Quarter 2011. • Detailed Design and Construction Schedule – 2012 - 2015. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			






PROJECT TITLE		NAIA EXPRESSWAY (PHASE II)	
DESCRIPTION		 <p style="text-align: center;">NAIA EXPRESSWAY - Phase 2</p>	
<p>The project will link the Skyway and the Manila-Cavite Coastal Expressway. It will provide vital access to NAIA Terminals 1, 2, & 3. Economic zones in Cavite Province will benefit through easier and faster transportation of products to NAIA as well as to Manila Port through this link and the NLEx-SLEx Link Expressway.</p> <p>L = 4.9 km No. of Lanes = 4 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2013-2015
PROJECT COST	PhP 11,800 Million USD 262.22 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • FS completed in 2010. • Bidding/Tendering Schedule – 2nd Quarter 2011. • Detailed Design and Construction Schedule – 2013 - 2015. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			



V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DPWH

PROJECT TITLE		C-6 EXPRESSWAY (GLOBAL CITY LINK) - SOUTH SECTION	
DESCRIPTION		 <p style="text-align: center;">C-6 EXPRESSWAY - East/South East Section</p>	
<p>The C-6 Expressway will function as a distributor of traffic coming from expressways in the north and south to the appropriate location in Metro Manila. The project will also contribute to sound urban development of Rizal and Bulacan provinces. The project will start from NLEX at the Bocaue/Marilao boundary and will traverse Sta. Maria, San Jose del Monte, Rodriguez, San Mateo, Antipolo, Taytay and Taguig, and connect with the Skyway at Bicutan. The Global City Link is a branch of the C-6 Expressway that will provide vital access to the mega commercial and business center of Global City.</p> <p>L = 50.0 km No. of Lanes = 4 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2013-2016
PROJECT COST	PhP 40,400.00 Million USD 897.78 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • Pre-FS was conducted in 2008. • FS will be undertaken starting November 2010 to be completed in October 2011. • Bidding/Tendering Schedule – 1st Quarter 2012. • Detailed Design and Construction – 2013 - 2016. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			






PROJECT TITLE		CENTRAL LUZON EXPRESSWAY (CLEX) - PHASE I, TARLAC-CABANATUAN	
DESCRIPTION		<p style="text-align: center;">CENTRAL LUZON EXPRESSWAY - Phase 1</p>	
<p>The project is expected to support the development of regional urban centers and the Pacific Ocean Coastal areas in order to decrease overconcentration of socio-economic activities in Metro Manila. It will also decongest traffic at Daang Maharlika. In the long run, the project will distribute traffic at the NLEx and NLEx-East when the latter is completed.</p> <p>For PPP: O&M of CLEx Phases 1 and 2, including construction of Phase 2.</p> <p>L = 28.2 km No. of Lanes = 2 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2012-2014
PROJECT COST	Php 11,500.00 Million USD 255.55 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • FS was completed in January 2010. • Preparatory Study for proposed Official Development Assistance (ODA) – 2011. • Detailed Design and Construction Schedule – 2012-2014. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			



V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DPWH

PROJECT TITLE		CENTRAL LUZON EXPRESSWAY (CLEX) - PHASE II, CABANATUAN-SAN JOSE	
DESCRIPTION		 <p style="text-align: center;">CENTRAL LUZON EXPRESSWAY - Phase 2</p>	
<p>The project is an extension of CLEx Phase I and will connect Cabanatuan City and San Jose City in Nueva Ecija Province. It will contribute to the development of regional growth centers so as to decrease overconcentration in Metro Manila of socio-economic activities. The project will also provide faster and safer access to Region II.</p> <p>For PPP: O&M of CLEx Phases 1 and 2, including construction of Phase 2.</p> <p>L = 35.7 km No. of Lanes = 2 lanes</p>			
MODE	PPP		
PROJECT COST	PhP14,200.00 Million USD315.55 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • FS was completed in January 2010. • Will be decided after completion of Phase I (Tarlac-Cabanatuan Section). • Tentative Schedule of Implementation – 2015 onwards. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			



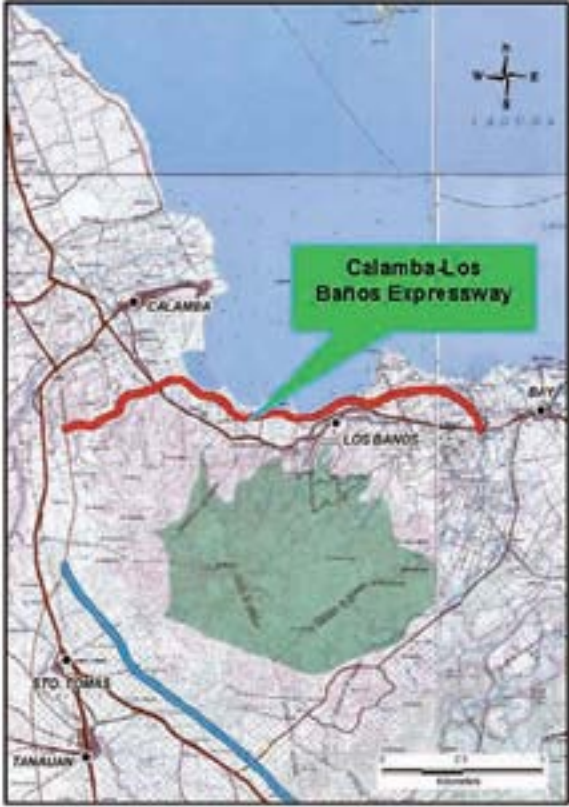


PROJECT TITLE		SLEX EXTENSION (TO LUCENA CITY), 2-LANE	
DESCRIPTION		<p style="text-align: center;">SLEX EXTENSION</p>	
<p>The project is an extension of the existing SLEx from Sto. Tomas, Batangas Province to Lucena City, Quezon Province. It is a vital link that will provide access to Quezon Province as well as Region V. It is expected to contribute to the socio-economic development of the areas traversed and of Region V. It will also decongest traffic at Daang Maharlika.</p> <p>L = 47.8 km No. of Lanes = 2 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2013-2016
PROJECT COST	PhP 9,500.00 Million USD 211.11 Million	SPONSORING AGENCY	DPWH/SLTC (private proponent)
PROJECT STATUS			
<ul style="list-style-type: none"> • SLTC announced to start Detailed Design in 2010. • SLTC to finance, design, construct, operate and maintain the project and turn it over to the Government after concession agreement. • Government to issue Supplemental Toll Operation Agreement (STOA) to SLTC to operate the facility as a toll road by collecting tolls to recover its investment with the agreed rate of return. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			



V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DPWH

PROJECT TITLE		CALAMBA – LOS BAÑOS EXPRESSWAY	
DESCRIPTION		 <p style="text-align: center;">CALAMBA-LOS BAÑOS TOLL EXPRESSWAY</p>	
<p>The project is expected to vitally support the tourism development of Los Baños and its nearby tourism spots. It will also contribute to the decongestion of the national road. It will branch off from SLEx at Calamba, and pass through Los Baños City and end at the Bay. It is proposed to be a combined structure that will serve as a flood control dike along Laguna de Bay and a highway, thus two (2) purposes will be achieved.</p> <p>L = 15.5 km No. of Lanes = 4 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2014-2016
PROJECT COST	PhP 5,900.00 Million USD 131.11 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • Business Case Study was undertaken in 2008. • Bidding/Tendering Schedule – 1st Quarter, 2013. • Detailed Design and Construction Schedule – 2014 - 2016. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			






PROJECT TITLE		R-7 EXPRESSWAY	
DESCRIPTION			
<p>The project will be constructed over one of the most heavily congested corridors in Metro Manila, namely Quezon Avenue and Don Mariano Marcos Avenue. It will connect Quezon City and Manila City with a high speed transport facility, thus decongesting traffic with an at-grade road. It will be partially elevated and partially an underground expressway.</p> <p>L = 16.1 km No. of Lanes = 4 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2016 - 2018
PROJECT COST	Php 23,980 Million USD 532.89 Million	SPONSORING AGENCY	DPWH
PROJECT STATUS			
<ul style="list-style-type: none"> • Conceptual Stage. • Detailed Design and Construction Implementation Schedule – 2016 - 2018. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			



V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DPWH

PROJECT TITLE		NLEX EAST/ LA MESA PARKWAY	
DESCRIPTION		 <p style="text-align: center;">NLEX EAST and LA MESA PARKWAY</p>	
<p>The project will form an important transport axis in the eastern area of Region III. It will serve the growing areas of Bulacan and Nueva Ecija provinces. The project will start at Don Mariano Marcos Avenue in Quezon City, traverse almost parallel with Daang Maharlika, serving areas of San Miguel, Gapan and Cabanatuan City. It will decongest traffic at Daang Maharlika.</p> <p>L = 10.9 km (La Mesa Parkway) L = 92.1 km (NLEX East) No. of Lanes = 4 lanes</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	2016 - 2019
PROJECT COST	Php 32,530 Million USD 722.89 Million	SPONSORING AGENCY	DPWH / AusPhil Tollways Corporation (private proponent)
PROJECT STATUS			
<ul style="list-style-type: none"> NLEX East : Conceptual Stage. La Mesa Parkway: unsolicited proposal was submitted in 2001, and original proponent status was given to AusPhil Tollways Corp. in 2007. 			
CONTACT INFORMATION			
<p>Name : MARIA CATALINA CABRAL Designation : Assistant Secretary Agency : DPWH Telephone No. : (63 2) 304-3319 Fax No. : (63 2) 304-3033 Email Address : cabral.ma_catalina@dpwh.gov.ph</p>			






PROJECT TITLE	PRIVATIZATION OF NAIA 3 AND DMIA		
DESCRIPTION	<p>The project involves the privatization of NAIA and DMIA to absorb future growth and eventually take up its role as the main gateway to the Philippines.</p>		
<p>The project involves the privatization of NAIA and DMIA to absorb future growth and eventually take up its role as the main gateway to the Philippines.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	TBD	SPONSORING AGENCY	DOTC/MIAA/CIAC
PROJECT STATUS			
<p>For development of implementation policy framework and strategy for NAIA & DMIA Airports from November 2010 to November 2011. Study to determine development approach.</p>			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			




V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DOTC

PROJECT TITLE	MACTAN-CEBU INTERNATIONAL AIRPORT AUTHORITY (MCIAA) DEVELOPMENT PROJECT		
DESCRIPTION	<p>The project involves the redevelopment/upgrading of: (a) passenger terminal buildings and other essential facilities to cater to international and domestic airline passenger demand; and (b) a new cargo terminal.</p>		
	<p>PROJECT LOCATION</p> 		
MODE	PPP	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	PhP 8,030 Million USD 178.44 Million	SPONSORING AGENCY	MCIAA
PROJECT STATUS			
<ul style="list-style-type: none"> • FS and master plan to commence by 3rd quarter of 2010. • FS will validate project scope, costs, and structure. • Expected date of bidding/tendering: 1st quarter of 2012. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			






PROJECT TITLE	KALIBO AIRPORT		
DESCRIPTION	 <p>The project involves an expanded new Kalibo Airport Terminal Building that has wider spaces for pre-departing passengers and also a spacious arrival lobby and concessions area that will address the present needs brought about by the influx of both local and foreign tourists. The design concept shall adopt the culture in the area and will take advantage of the fresh air and ventilation. The pre-departure and arrival area shall be open to the free flow of fresh air, but will be located in a safer portion of the building. The respective area allocation will be determined in the final design.</p>		
MODE	PPP	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	PhP 1,545 Million USD34.33 Million	SPONSORING AGENCY	DOTC/CAAP
PROJECT STATUS			
<ul style="list-style-type: none"> Preparation of business case and FS to reconfigure the project into PPP to commence by 1st quarter of 2011. Expected date of bidding/tendering: 4th quarter of 2011. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			

V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DOTC

PROJECT TITLE		URBAN TRANSPORT PROGRAM FOR HIGHLY URBANIZED CITIES (ROAD BASED MASS TRANSPORT SYSTEM)	
DESCRIPTION		 <p>The proposed urban transport project is envisaged to focus on integrating transport systems to land use and the street network to promote “walkable” cities and greater mobility, access and safety; promoting greater use of public transport modes and expanding non-motorized transport to lessen vehicle emissions; and improving traffic management and enforcement.</p> <p>The transport investments proposed for inclusion in the CTF IP are BRT systems in Metro Manila and Cebu. A BRT is a mass transit system that mimics the speed and performance of metros or light rail transit (LRT) but uses buses rather than rail vehicles.</p>	
MODE	PPP	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	TBD	SPONSORING AGENCY	DOTC
PROJECT STATUS			
<ul style="list-style-type: none"> • FS will start by 4th quarter of 2010. Study to look for possible PPP arrangement on the operations and maintenance of the BRT system. • FS will validate project scope, costs, and structure. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			



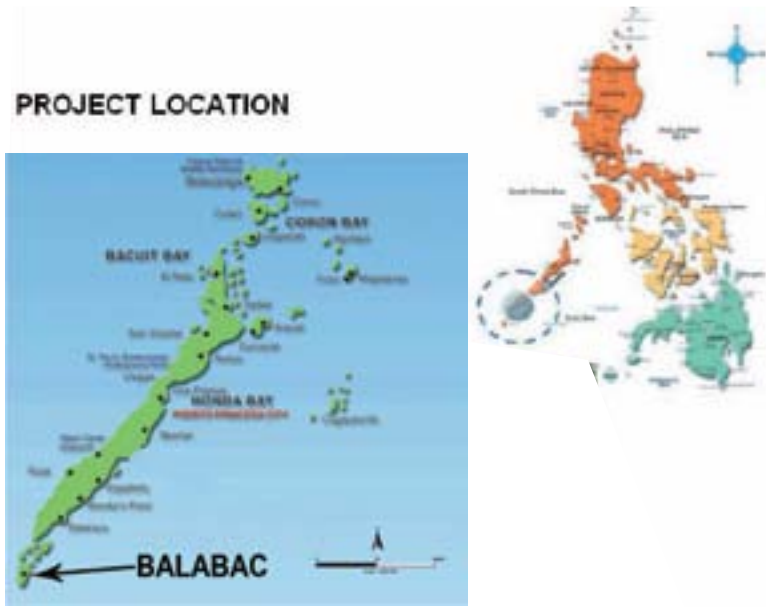


PROJECT TITLE		MRT 8	
DESCRIPTION		<p>MRT 8 ALIGNMENT</p> <p>The project involves the construction of a 16.85 kilometer elevated dual-track guideway from Sta. Mesa, Manila to Taytay and a 3.26 kilometer at grade (a junction at which two or more transport routes cross at the same level) section from Taytay to Angono.</p>	
MODE	PPP		
PROJECT COST	PhP 51,464 Million USD 1,143.64 Million	SPONSORING AGENCY	DOTC
PROJECT STATUS			
<ul style="list-style-type: none"> • FS will validate project scope, costs, and structure. • FS start: July 2011 • FS completed: December 2011 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			



V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DOTC

PROJECT TITLE		BALABAC AIRPORT DEVELOPMENT PROJECT	
DESCRIPTION			
<p>The project is proposed to be located in Southern Palawan. It will cover the construction of new airport facilities (i.e., 30m x 1,800m runway, taxiway, apron, terminal building and access road including air navigational facilities). It will also involve site acquisition for the new airport.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	PhP1,145 Million USD25.44 Million	SPONSORING AGENCY	DOTC
PROJECT STATUS			
<p>FS and Master Planning completed. Proposal to be implemented through PPP/BOT Scheme. Advertised on 19 January 2009 but no proponent signified interest in the project.</p>			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			





PROJECT TITLE		DEVELOPMENT OF A NATIONAL MOTOR VEHICLE INSPECTION AND MAINTENANCE PROGRAM	
DESCRIPTION			
Development and operation of a nationwide computerized motor vehicle inspection system.			
MODE	PPP <th>IMPLEMENTATION SCHEDULE</th> <td>TBD</td>	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	TBD	SPONSORING AGENCY	DOTC
PROJECT STATUS			
<ul style="list-style-type: none"> • Study on development of National Motor Vehicle Inspection and Maintenance Program to commence by 4th quarter of 2010. • The study aims to determine the overall feasibility of implementing a sustainable National Motor Vehicle Inspection and Maintenance Program (NMVIMP) and prepare a corresponding strategic development plan detailing the action steps for viable program design; and to enhance the overall capacity of DOTC and LTO in managing the implementation of the future NMVIMP and the existing and soon-to-be completed improved MVIS facilities in the country. • The study will also identify the most suitable private sector participation scheme/contractual arrangement for the implementation and operation of the project (e.g., Joint Venture (JV), Build-Operate-Transfer (BOT), Build-Lease-Transfer (BLT), etc.) 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			



V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - DOTC

PROJECT TITLE		PRIVATIZATION OF NORTHRAIL OPERATION AND MANAGEMENT	
DESCRIPTION			
<p>Operation and maintenance of a newly constructed Northrail on a 76.07 km railway line from Caloocan City in Manila to the Clark Freeport Zone in Pampanga.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	TBD	SPONSORING AGENCY	DOTC/NLRC
PROJECT STATUS			
<p>The project is ongoing but will be reviewed by the 4th quarter of 2010. A new project configuration may be proposed with those project components that can be implemented through PPP identified (e.g., O&M, additional rolling stocks, etc.).</p>			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			






PROJECT TITLE		MINDANAO RAILWAY SYSTEM	
DESCRIPTION			
<p>The project aims to provide a safe and economical transport alternative for moving goods and people in Mindanao, which, in the long run, will help in the socio-economic development of the island.</p> <p>The proposed rail will span the entirety of Mindanao with a total length of approximately 2000 kilometers. The master plan indicates connections to all major population centers in Mindanao. The railway network will be implemented in phases.</p> <p>Phase - 1 construction of a 124-km railway line from Iligan City to Cagayan de Oro City in Mindanao. It will traverse ten (10) coastal municipalities in Misamis Oriental, namely: Lugait, Manticao, Naawan, Initao, Libertad, Gitagum, Laguindingan, Alubijid, El Salvador, and Opol.</p>			
MODE	PPP		
PROJECT COST	TBD	SPONSORING AGENCY	DOTC
PROJECT STATUS			
<ul style="list-style-type: none"> Feasibility Study reviewed/deliberated by NEDA Regional Office 10. More detailed FS to be determined. Configuration and phased implementation through PPP to be undertaken in 2011. 			
CONTACT INFORMATION			
<p>Name : RUBEN S. REINOSO, JR. Designation : Undersecretary Agency : DOTC Telephone No. : (63 2) 723-1580 Fax No. : (63 2) 723-1580 Email Address : benny.reinoso@gmail.com</p>			




V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - SOCIAL INFRASTRUCTURE PROJECTS

PROJECT TITLE		CONSTRUCTION OF ELEMENTARY AND SECONDARY CLASSROOMS	
DESCRIPTION			
<p>Education is considered as one of the crucial determinants, not only of economic growth, but also of income inequality. As a critical factor to the development of a country's human resource and labor force, better education translates to higher productivity and output, and thus, growth of the economy. More equitable access to education also helps reduce the gap between the poor and the rich as the poor gain employment and income-earning opportunities. However, in order to ensure that education is adequately provided to the populace, sufficient infrastructure and facilities for such purpose should be present. The ideal student-classroom ratio is 45:1 and below. The classroom shortage in public elementary schools in the Autonomous Region in Muslim Mindanao (ARMM) has actually worsened every year from 2005 (46.15) to 2010 (61.20). The public elementary classroom shortage in the National Capital Region (NCR), on the other hand, has remained severe over the years since 2003. The student-classroom ratio in NCR is 77.64 in 2010, which is even slightly worse than in 2003 when the student-classroom ratio in the region was 77.56.</p>			
MODE	PPP		
PROJECT COST	TBD per project	SPONSORING AGENCY	DepEd
PROJECT STATUS			
<ul style="list-style-type: none"> The Department of Education (DepEd) is in the process of studying and packaging projects for PPP. Coverage of the construction of classrooms program for PPP is nationwide. 			
CONTACT INFORMATION			
<p>Name : BROTHER ARMIN ALTAMIRANO LUISTRO, FSC Designation : Secretary Agency : Department of Education (DepEd) Telephone No. : (63 2) 632-1361 to 67 local 2003 Fax No. : (63 2) 636-4876 Email Address : osec@deped.gov.ph</p>			






PROJECT TITLE	HEALTH FACILITIES PROGRAM		
<p>DESCRIPTION</p> <p>The country remains in need of continuous improvement in terms of acquiring and applying advancements in medical technology, constructing infrastructure facilities, as well as providing affordable, efficient and sustainable healthcare service to the public in urban and/or rural areas.</p> <p>Currently, the Department of Health (DOH) is in the process of advocating PPPs in the implementation of health facilities throughout the country.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	Continuing 2010-2016
PROJECT COST	TBD per project	SPONSORING AGENCY	DOH
PROJECT STATUS			
The DOH is in the process of studying and packaging projects for PPP.			
CONTACT INFORMATION			
<p>Name : DR. ENRIQUE ONA Designation : Secretary Agency : Department of Health (DOH) Telephone No. : (63 2) 743-1829 Fax No. : (63 2) 743-1829 Email Address : etona@co.doh.gov.ph</p>			



V. LIST OF PROJECTS

B. FOR MEDIUM-TERM ROLLOUT AND OTHER PPP PROJECTS - SOCIAL INFRASTRUCTURE PROJECTS

PROJECT TITLE		SOLID WASTE MANAGEMENT PROJECTS	
DESCRIPTION			
<p>The data of the National Solid Waste Management Commission (NSWMC) Secretariat showed that the estimated average waste generation of 1,610 LGUs (cities and municipalities) is 31,891,193.30 kilograms per day. Though there are many LGUs addressing the issue on SWM, many of them are still having difficulty in dealing with proper SWM in their respective localities. As provided for under RA 9003, all open dumpsites and controlled dumpsites will not be allowed by the year 2006. As of 4th Quarter of 2009, there are still 838 open dump sites and 396 controlled dumpsites that are in operation. This shows that most LGUs are having difficulty facilitating solid waste management in their respective localities.</p> <p>Based on 2008 price levels, the required investment for SWM in cities and municipalities amount to PhP 4.5 Billion and PhP 3.2 Billion, respectively. This covers SWM activities such as closing of open dumpsites, establishment of Materials, Recovery Facilities (MRF), and construction of Sanitary Landfill (SLF), among others.</p>			
MODE	PPP		
PROJECT COST	TBD per project	SPONSORING AGENCY	NSWMC
PROJECT STATUS			
Specific projects of LGUs will be identified and repackaged for PPP.			
CONTACT INFORMATION			

Name : EMELITA C. AGUINALDO
Designation : Officer-in-Charge (OIC) Executive Director
Agency : National Solid Waste Management Commission (NSWMC)
Telephone No. : (63 2) 9202279
Fax No. : (63 2) 9202252
Email Address : nswmc2004@yahoo.com





PROJECT TITLE		RECLAMATION OF THE NAVOTAS COASTAL AREA	
DESCRIPTION			
<p>This involves the reclamation of the Navotas Coastal Area, to solve the housing problem in the City brought about by limited land area. The proposed components to be included in its development are: (1) environmental clean-up of the coastal area; (2) reclamation of land; and (3) upgrading and development of services along the marginal area including possible rebuilding of road network and drainage systems, and (4) to provide space for private residential, retail and commercial-type developments.</p>			
MODE	PPP	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	TBD	SPONSORING AGENCY	Local Government of Navotas
PROJECT STATUS			
<ul style="list-style-type: none"> • Conceptual master plan completed. • FS for Phase I will be prepared. 			
CONTACT INFORMATION			
<p>Name : JOHN REY TIANGCO Designation : Mayor Agency : Local Government of Navotas Telephone No. : (63 2) 281-8531 local 401 or 421</p>			



RATIONALE OF LEGAL & POLICY FRAMEWORK

THE BOT LEGAL FRAMEWORK

HIGHLIGHTS OF REPUBLIC ACT NO. 7118

THE PPP CENTER

RELATED LAWS

A. RATIONALE OF LEGAL & POLICY FRAMEWORK

The Philippines recognizes the vital role of Public-Private-Partnerships (PPP) in driving our nation’s infrastructure development. Accordingly, our policy makers have established a strong legal and policy framework that clearly outlines the mechanics and processes for participating in these projects.

One distinct advantage for investors who are interested in PPP for infrastructure development is the presence of an established legal framework that spells out the rules of engagement from the very beginning. Investors simply need to conform to the rules and follow the roadmaps for:

- Pre-qualifying to do business in the country;
- Structuring proposals and bidding for projects;
- Complying with the project approval process;
- Formalizing award and finalization of contracts; and
- Registering and starting a project.

By having clear steps in the process, the legal framework facilitates the project approval process and reassures investors that well-structured project contracts will be respected and honored. Complying with these procedures will also ensure a level playing field and full legality and transparency in the implementation process.

B. THE BOT LEGAL FRAMEWORK

The landmark legislation that clearly lays the groundwork for private sector participation in Philippine infrastructure development is Republic Act 7718, otherwise known as the Amended Build-Operate-and-Transfer (BOT) Law, which includes Implementing Rules and Regulations. Under this law, private project proponents are allowed to enter into contractual arrangements either with national infrastructure implementing agencies (IAs) or local government units (LGUs) to undertake the construction, financing, operation and maintenance of infrastructure facilities. This arrangement defines the essence of project implementation, and is clearly set forth in the Declaration of Policy of the BOT Law, which reads:

“It is the declared policy of the State to recognize the indispensable role of the private sector as the main engine for national growth and development and provide the most appropriate incentives to mobilize private





resources for the purpose of financing the construction, operation and maintenance of infrastructure and development projects normally financed and undertaken by the Government. Such incentives, aside from financial incentives as provided by law, shall include providing a climate of minimum Government regulations and procedures and specific Government undertakings in support of the private sector.”

In the BOT contractual arrangement, the project proponent has the following rights:

- To operate the facility over a fixed period, not to exceed 50 years;
- To charge facility users tolls, fee and rentals; and
- To recover construction, operation, and maintenance expenses and earn reasonable return on investment.

C. HIGHLIGHTS OF RA 7718

• **Use of different BOT variants.** The Amended BOT Law authorizes the use of nine specific variants. In addition, other variants can be used provided approval is secured from the Office of the President. The availability of more variants provides implementing agencies and proponents with greater flexibility and wider options in structuring projects to meet different project conditions.

1. Build-Operate-and-Transfer (BOT)
2. Build-and-Transfer (BT)
3. Build-Own-and-Operate (BOO)
4. Build-Lease-and-Transfer (BLT)
5. Build-Transfer-and-Operate (BTO)
6. Contract-Add-and-Operate (CAO)
7. Develop-Operate-and-Transfer (DOT)
8. Rehabilitate-Own-and-Transfer (ROT)
9. Rehabilitate-Own-and-Operate (ROO)
10. Other variations as may be approved by the President of the Philippines

• **Applicability for wider range infrastructure sectors.** Practically all infrastructure sectors are allowed for BOT-type implementation, including such non-traditional areas such as information technology (IT), housing, tourism, education and health. Applicable sectors include power plants, highways, ports, water supply, irrigation, reclamation, government buildings, slaughterhouses, warehouses, public markets, solid waste, drainage and other projects as may be deemed appropriate.

• **Specified levels of approvals.** The roles of approving bodies for national as well as LGU projects are clearly specified, including the limits of such approvals.

• **Grant of franchise.** The law provides that a winning project proponent, upon execution of the contract, shall be granted by the appropriate agency a franchise, which conveys to the proponent the rights to:

- Operate and maintain a facility; and
- Collect tolls, fees, rentals and other charges

This process in effect delegates the issuance of the administrative and legislative franchise to the appropriate regulatory or implementing agencies. The maximum concession period to operate a facility is fifty (50) years.

• **Right of proponent to collect tolls, fees, rentals.** A project proponent is allowed to recover investments through any of the following:

- Tolls, fees, rentals and other charges from the users of the BOT facility for a fixed term not to exceed 50 years;
- A share in the revenue of the project; and
- Other non-monetary payments.

• **Entitlement to reasonable return.** In general, the BOT Law entitles a project proponent to attain reasonable return on his invested capital. The return should reflect the prevailing cost of capital in domestic and international markets. For negotiated contracts which are public utilities and monopolies, the return is determined by existing laws, which in no case is to exceed 12% of return on rate base.

• **Government support for BOT projects.** Recognizing that there may be a need for the government to share in the risks and costs of a project to make it financially viable, a variety of government undertakings are allowed under prescribed conditions. These include:

- Cost sharing. Projects with difficulty in sourcing funds may be partially financed from direct government appropriations (GAA) and/or official development assistance (ODA) funds. Financing from either GAA or ODA should not exceed 50% of project cost.
- Investment Incentives. Projects costing PhP 1 Billion and above are entitled to get incentives as provided for under the Omnibus Investment Code upon registration with the Philippine Board of Investments (BOI).
- Other Government Undertakings. Government agencies may also execute specific undertakings or credit enhancements such as direct government subsidy, direct government equity, performance undertaking, and legal and/or security assistance.

D. THE PPP CENTER

The Philippine Government has revitalized the BOT Center by renaming it as the PPP Center and attaching it to the National Economic and Development Authority (NEDA), under Executive Order No. 8, series of 2010. This reorganization will enable the PPP Center to coordinate and monitor all PPP/BOT/PSP Programs and Projects, which essentially provides the government with a legal platform to hasten private sector investments in the country amid a stable investment climate.





The PPP Center will have the following Powers and Functions:

- Provide assistance to Implementing Agencies (IAs) and Local Government Units (LGUs) in addressing the bottlenecks in PPP implementation;
- Provide Technical Assistancess to IAs/LGUs in PPP project preparation and development;
- Recommend plans, policies and guidelines related to PPP implementation;
- Manage and administer the Project Development and Monitoring Facility for the preparation of business case, pre-F/S, F/S;
- Monitor and facilitate the PPP implementation;
- Establish and manage a central PPP database system;
- Recommend improvements in PPP processing; and,
- Prepare year-end reports to the President.

E. RELATED LAWS

Other related laws governing PPP projects are as follows:

1. Constitution

The BOT Law provides that, if an infrastructure project requires a public franchise, then the concerned government regulatory agency shall issue a franchise in favor of the winning proponent. However, it should be noted that, under the Philippine Constitution, franchises or any other authority for the operation of a public utility shall be given only to Philippine citizens or to corporations organized in the Philippines, 60% of whose capital is owned by Philippine citizens. The franchise cannot be exclusive or for a longer period than 50 years. The participation of foreign investors on the board of the public utility is limited to the proportionate share in its capital. Furthermore, all the executive and managing officers of the corporation must be citizens of the Philippines.

For PPP Projects that are related to natural resources, e.g. water projects, geothermal energy projects etc. , the following prescription contained in Article XII Section 2 of the Philippine Constitution applies:

All lands of the public domain, water, minerals, coal, petroleum and other mineral oils, all forces of potential energy... and other natural resources are owned by the State. With the exception of agricultural lands, all other natural resources shall not be alienated. The exploration, development, and utilization of natural resources shall be under the full control and supervision of the State. The State may directly undertake such activities, or it may enter into co-production, joint venture, or production-sharing agreements with Filipino citizens, or corporations or associations at least 60% of whose capital is owned by such citizens... In cases of water rights for irrigation, water supply, fisheries, or industrial uses other than the development of water power, beneficial use may be the measure and limit of the grant.

Thus, for the private sector to exploit or develop the water resources of the Philippines, it must enter into co-production, joint venture, or production-sharing agreements with the State. In addition, the private sector entity must be a Filipino citizen, or a corporation or association at least 60% of whose capital is owned by such Filipino citizens.

In relation to the above constitutional provision, a Department of Justice (DOJ) Opinion (no. 100, Series of 1994) provides that, when the Constitution imposes a nationality requirement on the exploitation and development of water, the requirement refers only to the extraction of water directly from its natural source and not to subsequent processing of the water. Once the water has been removed, it ceases to be a part of the natural resources of the country and becomes the subject of ordinary commerce, and may be acquired by foreigners.

Thus, if a water project is undertaken under a PPP arrangement, then the diversion or extraction of the water and the operation and/or management of the water source cannot be given to a foreign entity. Extraction of the water can only be undertaken by the State, which may then enter into co-production, joint venture or production-sharing agreements with the Filipino citizens, or corporations or associations at least 60% of whose capital is owned by such citizens. However, once the water is removed from its natural source, then it may then be subject to private sector involvement.

For example:

A foreign entity may construct a water treatment plant under a PPP arrangement without violating the nationality requirement. This is so because once the water is extracted (by the government), the nationality requirement of the Constitution no longer applies, and therefore, a foreign entity may build and operate the treatment plant. After the water is treated, then the Project Company may sell the treated water to the distribution company (such as a water district).

2. Public Services Act

The Public Services Act is the law that authorizes the establishment and the regulation of public utilities in the Philippines. Under this law, no public utility may operate without being granted the necessary franchise or certificate of public convenience. As provided under the BOT Law, public utility projects include those involved with public roads and thoroughfares, railways and urban rail mass transit, electricity and gas distribution systems, water and sewerage systems, telecommunications systems and other public services defined under the Public Services Act.

If the PPP project requires a public utility franchise, the appropriate government regulator shall immediately grant the winning project proponent the franchise to operate and maintain the facility, including the collection of tolls, fees, rentals, and other charges according to the agreed schedule in the Concession Agreement. However, as provided under the law (and the Philippine Constitution), the franchise can only be awarded to Philippine citizens and/or to Philippine corporations at least 60% of whose capital is owned by Philippine citizens.

Public utility franchises are issued either by Congress (in which case, they are called Congressional Franchises) or by the various concerned government agencies empowered by law to fix the rates for a provider of a public service, such as the Toll Regulatory Board (in which case they are called Administrative Franchises). In any case, the appropriate government agency has jurisdiction, supervision, and control over the franchise.





Control and supervision generally consist of:

1. Requiring the issuance of certificates of public convenience before operating;
2. Prescribing routes or territory and operating standards; and,
3. Prescribing schedule of trips and rates to be charged.

However, if the public franchise is implemented as a PPP, please note that these factors would be generally agreed upon by the parties and contained in the PPP Agreement.

3. Foreign Investment Act

The Foreign Investment Act regulates foreign investments in the Philippines, which has relaxed the previous rules on foreign investment. Under the Foreign Investment Act, foreigners may now own up to 100% of a Philippine company provided that foreign ownership in said enterprise or activity is not limited by other existing laws.

Examples of business activities where foreign ownership is restricted are: exploitation of natural resources such as oil, water, etc. (limited up to 40% by the Philippine Constitution) and operation of public utilities such as mass transport systems, toll roads, water and power distribution, telecommunication, etc. (limited up to 40% by the Constitution and the Public Services Law).

It is important to remember that, under a PPP structure, the Project Company actually owns the project during the Concession Period.

In cases of PPP projects where such ownership restrictions apply, foreign proponents usually have to look for Philippine nationals as partners in the Project Company.

A different result however may arise in case of a contractual arrangement where the facility operator (not necessarily the proponent) is Filipino or if a corporation is at least 60% Filipino-owned. Another case is a BLT arrangement. In a BLT arrangement, the Project Company will build (and own) the Project and then lease it to the IA to operate it. At the end of the concession period, the Project Company transfers ownership of the Project to the government.

Thus, even if the Project involves an activity where foreign ownership is limited, since it is the government that is actually operating the project, the nationality requirement is deemed complied with.

The Foreign Investment Act further provides that firms seeking to take advantage of incentives under the Omnibus Investment Code must apply for registration with the Board of Investments.



4. Foreign Borrowings Act

The Foreign Borrowings Act authorizes the President of the Philippines to borrow from governments of foreign countries or from international organizations or lending institutions. The purpose of these loans will be to fund the government's economic projects or to lend such funds to government-owned or -controlled corporations (GOCCs), the Development Bank of the Philippines, or Land Bank of the Philippines for further relending to the private sector. The President may also guarantee loans or credit extended to, or bonds or securities issued by GOCCs for undertaking their economic development projects or Government financial institutions (GFIs) for relending to the private sector for projects that are authorized by the charters of such GFIs or by law.

Thus, if the government intends to lend internationally borrowed funds to finance PPP projects, the loan will have to follow the Foreign Borrowings Act, and therefore, the funds will have to be channeled through GFIs such as DBP and/or LBP before they could be lent to PPP projects. In addition, any government guarantee may be issued only to GOCCs for their projects and GFIs for relending to the private sector. The result is that the government may not directly guarantee loans obtained by the private sector PPP proponent.

5. Omnibus Investment Code

The Omnibus Investment Code (OIC) outlines the basic guidelines and qualification requirements for enterprises to avail of fiscal and non-fiscal incentives and lists these incentives. Under the OIC, the incentives available to PPP projects are as follows: income tax holiday (four to eight years), additional deduction for labor expense, duty free importation of capital equipment, additional deduction from major infrastructure works located in less developed areas (LDAs), employment of foreign nationals, and unrestricted use of consigned equipment. Under the BOT law, projects that cost at least PhP1.0 billion may be granted pioneer status but with non-pioneer incentives. Applications for registration may be filed with the Board of Investments.





NORTH LUZON EXPRESSWAY

METRO MANILA WATER AND SEWERAGE SYSTEM PRIVATIZATION

CIVIL REGISTRY SYSTEM INFORMATION TECHNOLOGY (CRS-IT)

200 MW MINDANAO COAL-FIRED THERMAL POWER PLANT

MANDALUYONG PUBLIC "MARKETPLACE"

THE PHILIPPINES has had significant experience with PPP initiatives, which serves as a rich basis for future investments. With its aggressive PPP promotion, the government was and is able to attract private partners to invest not only in traditional infrastructure projects (such as power, transportation, and water sectors) but also in non-traditional infrastructure and development sectors (such as information and communications technology, health, and property development). Through the partnership, the power crisis in the early 1990s was addressed. The partnership likewise helped improve road network quality, transport linkages and social services. To date, approximately USD 19.5 billion in investment has already been generated since its inception.

Today, PPP can be credited with helping realize various development projects both at national and local levels, across various infrastructure sectors.

This section highlights a few of the successful projects that were implemented through Public-Private Partnership.

NORTH LUZON EXPRESSWAY

A. BACKGROUND

In the 1990s, the North Luzon Expressway (NLEX), which is the main transport corridor from Metro Manila to Central and Northern Luzon, was in a state of disrepair due to decades of neglect. Population growth and economic activity along the NLEX corridor were putting a strain on the expressway. Thus, rehabilitation and modernization of NLEX was needed to handle the 3.0 – 3.5% annual growth in transport demand within Central and Northern Luzon.



Recognizing that modern and well-maintained roads are imperative to sustained economic growth and competitiveness, the government invited the private sector to undertake the rehabilitation, expansion, and modernization of NLEX.



B. PROJECT DESCRIPTION

The North Luzon Expressway (NLEX) runs from Balintawak, Quezon City to Sta. Ines, Pampanga, with a total distance of 84 kilometers. The Expressway has 15 exits and interchanges: Balintawak Toll Plaza, Valenzuela Interchange, Meycauayan Interchange, Marilao Interchange, Bocaue Toll Plaza, Bocaue Interchange, Tabang Toll Plaza, Sta. Rita Interchange, Pulilan Interchange, San Simon Interchange, San Fernando Interchange, Mexico Interchange, Angeles Interchange, Dau Toll Plaza, and the Dau Interchange.

The Project is undertaken under the Supplemental Toll Operation Agreement (STOA) between the Republic of Philippines (through the Toll Regulatory Board), the Philippine National Construction Corporation (PNCC) and the Manila North Tollways Corporation (MNTC). At the end of the concession period, MNTC will transfer the Project to the government without cost.

C. TRANSACTION STRUCTURE

The MNTC was granted a concession to rehabilitate, expand, and operate the NLEX under a Public-Private Partnership (PPP) arrangement.

Proponent

- Manila North Tollways Corporation (MNTC)

Joint Venture Partners

- First Philippine Infrastructure Development Corporation (FPIDC)
 - One of the leading infrastructure companies in the Philippines
- Philippine National Construction Corporation (PNAA)
 - The original operator of both the North and South Luzon expressways
- Egis S.A. of France
 - World's largest toll road operator (over 6,000 km in managed toll roads)
- Leighton Asia Ltd. Australia
 - Australia's largest construction company

The concession agreement was signed in June 1998 and will expire in December 2030. The NLEX was completed on time and within budget. Operation commenced in February 2005. MNTC delegated operation of the tollway system to its operator, Tollways Management Corporation.

Sources: <http://www.mntc.com/>
<http://www.adbi.org/conf-seminar-papers/2009/02/05/2871.session.11.2.pascual.case.study.north.luzon.expressway/>





The basic terms of the concession agreement are as follows:

- MNTC will assume the financing risk, i.e., finance the project without government financial guarantee.
- MNTC will build the tollway and take full construction risk.
- MNTC will assume operation and maintenance risk, i.e., operate and maintain the tollway for 30 years in accordance with government standards with no government funding support.
- Government will not take on market risk, i.e., government will not bail out MNTC if revenues are not sufficient.
- To recover the investment, MNTC will collect tolls based on the authorized toll rates and the approved adjustment formula.

D. FINANCING OF THE PROJECT

Of the USD 384 million total project cost, debt amounted to USD 252.2 million. Debt finance was raised on a limited recourse basis from international commercial banks, multilateral financial institutions, and bilateral agencies during 2000-2001, in the wake of the Asian financial crisis.

E. IMPACT

- Facilitated broader development of the Clark Special Economic Zone, Angeles City, and San Fernando areas.
- Facilitated development of regional agriculture and industry.
- Improved road safety resulting from NLEX's utilization of cutting-edge communications and traffic management systems.
- Provided safe, reliable and high-speed access to Central and Northern Luzon.
- Decentralized economic activities from Metro Manila area.

METRO MANILA WATER AND SEWERAGE SYSTEM PRIVATIZATION

A. BACKGROUND

Despite its efforts, The MWSS has hardly satisfied the needs of the consuming public. The agency's finances were utterly lacking *vis-à-vis* the planned expansion or modernization project to serve an estimated population of 12,376,853,000 (1995 Census).

Many laws were promulgated for the purpose of addressing the water crisis. As a result of numerous legal issuances, the operation of the MWSS was privatized. The responsibility to operate and improve the waterworks system was passed on to the two private consortia in conformity with the Concession Agreement. This contractual agreement was entered into by the Republic of the Philippines through the MWSS with the Maynilad Water Services Inc. (MWSI) for the West Zone and the Manila Water Company, Inc. (MWCI) for the East Zone.



The East Zone covers the cities of Manila (except San Andres), Pasay, Paranaque, Caloocan, Muntinlupa, Las Piñas and Valenzuela, parts of Makati and Quezon City, including the municipalities of Navotas and Malabon. The West Zone, on the other hand, includes Mandaluyong, Marikina, Pasig, Pateros, San Juan, Taguig, Makati and parts of Quezon City and Manila. It also services Antipolo City and the Rizal towns of Angono, Baras, Binangonan, Cainta, Cardona, Jala-jala, Morong, Pililia, Rodriguez, Tanay, Taytay and San Mateo.

B. TRANSACTION STRUCTURE

The partnership is a 25-year concession agreement with Maynilad Water Services Inc. (MWSI) for the West Zone and the Manila Water Company, Inc. (MWCI) for the East Zone. The agreement involves the concessionaire's sole right to manage, operate, repair, decommission, and refurbish the facilities in the service areas, including the right to bill and collect for water and sewerage services provided in the service areas. However, asset ownership remains with the MWSS. Concession procured/constructed facilities shall likewise be turned-over to the MWSS at the end of the concession period.

C. BIDDING

The pre-qualification of bidders was held in October 1996. After conducting the evaluation of the technical and financial proposals submitted by the bidders, the East Zone Area was awarded to the Manila Water Company, Inc. (MWCI), while the West Zone Area was also awarded to Maynilad Water Services, Inc. (MWSI).

East Zone Proponent

- Manila Water Company, Inc. (MWCI)
- Joint venture between four companies with Ayala Corporation holding majority control of the partnership. The other three are foreign companies International Water Limited, United Utilities and Mitsubishi Corporation.

West Zone Proponent

- Maynilad Water Services, Inc. (MWSI)
- Partnership of Benpres Holdings Corporation (BENPRES), and Ondo Water Services, Inc. (formely Suez Lyonnaise de Eaux).

D. IMPACT

- Increased volume of delivered potable water supply and population to be served
- Reduced incidence of water related diseases
- 24-hour uninterrupted water supply services
- Expanded water service coverage in both zones
- Reduced percentage of non-revenue water
- Increased numbers of fire hydrant services
- Infused around US \$ 8.0 Billion into the national economy
- Revenue for MWSS through concession fee payments

E. STATUS

The project is fully operational. Works are ongoing in the identified expansion areas.

Source: <http://www.mwssro.org.ph/>





CIVIL REGISTRY SYSTEM INFORMATION TECHNOLOGY (CRS-IT)

A. BACKGROUND

In 1995, the National Statistics Office (NSO) had already forecasted an increase in demand for its services given a projected 10.31 % increase in population from 1995 to 2000. In early 2000, demand for issuance, authentication, and certification of civil registry documents increased to an average of 10,000 to 12,000 requests daily. Further, there was a significant upward trend in the volume of statistical reports required by other government institutions for their development programs. In order to address the growing demand for NSO services, computerization was considered to improve the civil registry system and the organization’s computing abilities. Hence, the Civil Registry System Information Technology (CRS-IT) project was developed.



B. TRANSACTION STRUCTURE

The USD 65 million multi-phase Build-Transfer-and-Operate (BTO) project that involves automation of the document copy issuance, authentication, and certification of civil registry documents; conversion of over 120 million civil registry documents into digital format; establishment of CRS outlets nationwide; building of a wide area network infrastructure for the communication requirements of the CRS outlets; development of application and support systems that will run the CRS, and the redesign of business processes to support the CRS.

C. BIDDING

Eight companies pre-qualified for the project. After thorough technical and financial evaluation, Unisys Australia, Limited was declared the winning bidder.

Proponent

- Unisys Australia Limited
- One of the largest worldwide information technology companies, which designs, builds, and manages mission-critical environments for businesses and governments.

D. IMPACT

- Enhanced public service delivery through expeditious processing of requests, shorter lines at the application and payment counters, and improved facilities for the convenience of the public
- Minimized cases of falsification and fabrication of civil registry documents, and eradicated fixers who take advantage of the public
- Addressed NSO’s vital statistics production backlog due to enhancement of NSO’s computing resources and capabilities.

Source : <http://www.ecensus.com.ph> / <http://www.unisys.com.ph/>



200 MW MINDANAO COAL-FIRED THERMAL POWER PLANT

A. BACKGROUND

The National Power Corporation (NPC), a government-owned and –controlled corporation (GOCC) was mandated by Presidential Decree No. 40 to own and operate, as a single integrated system all generating facilities supplying electric power to the entire area covered by the NPC set up grids. Pursuant to this mandate, it issued to the public a notice inviting interested parties to bid for the development of a coal-fired thermal power plant located in PHIVIDEC, Villanueva, Misamis Oriental, Northern Mindanao Region, on a build-operate-and transfer (BOT) arrangement.



B. TRANSACTION STRUCTURE

The deal structure consisted of a 25-year BOT Agreement to finance, design, construct, operate, and maintain the project. The project proponent created a special purpose company known as the State Power Development Corporation (SPDC). The total generated power of SPDC will be paid in accordance with the pre-agreed capacity fees, which consists of the following charges: 1) Capital Recovery Fee; 2) Fixed Operating Fee; 3) Infrastructure Fee; and 4) Service Fee. At the end of the cooperation period, the proponent would turn over the facility in good operating condition to NPC.

NPC agreed to accept the electricity generated under a Power Purchase (Off Take) Agreement. Under the agreement, the NPC shall pay the SPDC PhP 1.9395/kwh.

C. BIDDING

In response to the invitation to tender from NPC, a consortium constituted of State Investment Trust, Inc. and Harbin Power Engineering Company, Limited of the People’s Republic of China submitted a bid to undertake the construction and operation of the 200 MW coal-fired thermal power plant project. After having evaluated the project proposals from interested investors, the NPC selected the proposal of the said consortium as the most advantageous to NPC.

Proponents

- State Investment Trust, Inc.
 - A bank in the Philippines with 7 branches as of today)
- Harbin Power Engineering Company, Ltd
 - One of the largest EPC contractor and complete equipment supplier for thermal, hydro and combined cycle power plants in China

Special Purpose Company

- State Power Development Corporation
 - Consortium created specifically to finance, design, construct, operate and maintain the Project





D. IMPACT

- Infused fresh capital amounting to approximately US \$ 310.0 M into the national economy
- Stabilized the operation and power supply of the Mindanao Grid, which is dependent on hydroelectric power plants.
- Increased commercial and industrial activities, and broader development of the whole island of Mindanao

E. STATUS

The contractual obligations of the SPDC to finance, design, construct, operate, and maintain the 200 MW Mindanao Coal-fired Thermal Power Plant Project have been assumed by the STEAG of Germany and was commissioned for full commercial operation in January 2007.

MANDALUYONG CITY “MARKETPLACE”

A. BACKGROUND

Since the August 25, 1991 fire, which totally gutted the city’s public market building, the 7,500 square meters of land remained idle and unproductive. The consuming public and the market vendors resorted to do their buying and selling, respectively, in the city streets and sidewalks resulting in traffic congestion, pollution, sanitation and health problems. In view of this, the City Mayor, through the City Development Council, decided to build a new public market through private sector participation. With the passage of Republic Act 6957 (BOT Law), Mandaluyong City is the first local government unit to adopt the BOT concept in infrastructure development.



The project was contracted under two (2) Build-Operate-and-Transfer (BOT) arrangements that involved the development, financing and construction of a public market, recreation area, parking spaces and a commercial complex. The development of the seven-storey commercial complex called the “Marketplace” cost PhP 450 million, and consists of the following:

Floor	Features
Ground	: Public market and street-front commercial spaces for banks, grocery, pawnshops and service shops
1st and 2nd	: Commercial shops and department stores such as eateries and dry goods sections
3rd and 4th	: 2-storey parking areas
5th	: Bowling lanes
6th	: 4 movie houses including fast foods, gymnasium, billiard halls, an amusement center and a multi-purpose center



B. TRANSACTION STRUCTURE

Proponents: Market Realty Development and Credit Funders Corporation & Ironcon Builders

Special Purpose Company: Macro Funders and Development Corporation

- Business Consortium organized specifically for the project

Macro Founders and Developers, Inc. (MFD) was granted the two (2) BOT contracts which involve the following:

- Build-and-Transfer (BT) Arrangement – MFD will build the market structure and transfer its ownership to the city government. Mandaluyong City will finance and construct 50% of the stalls inside the market and the remaining 50% will be constructed by the stall owners through their association. The city government collects the stall fees while the maintenance and security of the public market are contracted out to MFD.
- Develop-Operate-and-Transfer (DOT) Arrangement – MFD is given the right to develop the spaces above the public market, in exchange for building the ground floor market structure. MFD will operate the commercial complex, collects the revenues on the use of commercial spaces (without government share but taxes) for a period of 40 years, after which the commercial complex is transferred to the city government.

The public market was turned over to the city government for free in September 1993. The rest of the complex is being operated and managed by MFD under a 40-year concession until it has recovered its investments and realize a reasonable return on investments.

C. IMPACT

- The BOT arrangements provided a modern public market (considered the cleanest in Asia by CNN) at minimum cost to the city government;
- Considerable income for the government in terms of increased tax collections not only in the Marketplace but also due to the growth of commercial activities in the surrounding areas; and
- The value of the land in the vicinity has appreciated substantially.





The Philippines: Creating Opportunities through Effective Governance

07 September 2010

Overview

In the second quarter of 2010, the Philippines posted its 45th consecutive quarter of positive economic growth since 1999, despite countless endogenous and domestic shocks including the recent global financial crisis. Supported by a favorable inflation environment, sound banking sector, strong external payments position, strong growth in foreign remittances and healthy domestic consumption, the macroeconomic environment remained stable through the crisis.

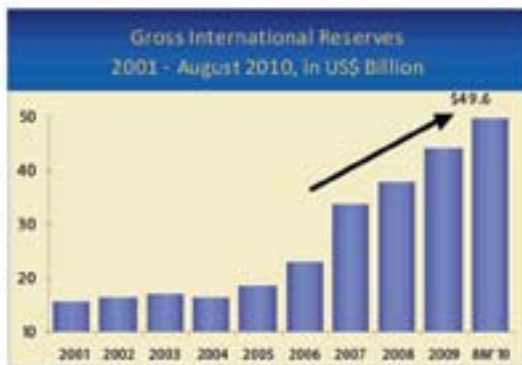
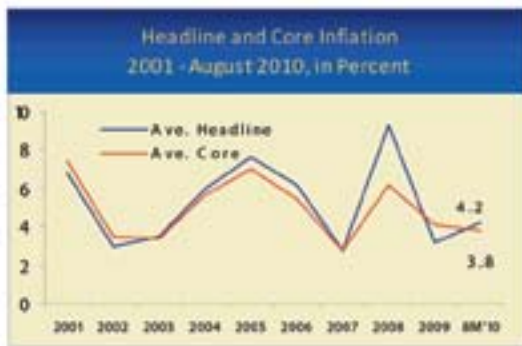
Moving forward, the economy is expected to grow further with manufacturing, private services, trade, finance, construction and private and public consumption as main growth drivers. To set an enabling environment for accelerated growth, the new administration is committed to improving good governance and transparency in government. It will also focus on implementing a fiscal agenda that will allow for a virtuous circle in which a strong commitment to raising revenues and tight expenditure discipline will contribute to a reduction in government debt over the medium term, higher public capital spending and stronger economic growth. Sustained growth, in turn, will enable the Aquino administration to achieve its social objectives within a sound fiscal framework.

Economic Highlights

Economy sustains growth

Gross Domestic Product (GDP) surged to 7.9 percent in the second quarter of 2010, bringing first semester GDP growth to 7.9 percent. The recovery in the global economy, strong growth in international trade, improvement in investor and consumer confidence, and election-related spending contributed to the resurgence in economic activities. Growth was driven by the industry sector due to the robust growth in manufacturing and increase in construction activities. The services sector also continued to provide support to overall growth while agricultural production contracted due to El Nino and the lingering effect of the typhoons that hit the country late last year. On the supply side, growth was supported by mining and quarrying,





manufacturing, construction, trade, ownership of dwellings and real estate, and government and private services.

On the demand side, domestic demand provided significant support to GDP growth as investments in fixed capital grew heftily and consumption remained upbeat. The country's net exports also substantially improved, reflecting the continuing recovery of the global economy. Separately, GNP grew by 8.2 percent in the first half due to the still strong inflow of remittances from overseas Filipinos.

Inflation environment remains within target range

Headline Inflation slightly rose to 4.0 percent year-on-year in August 2010 from 3.9 percent in July resulting from the higher annual growth rates recorded in the indexes of food, beverages and tobacco (FBT), clothing, fuel, light and water (FLW) and miscellaneous items. Meanwhile, core inflation picked up to 4.2 percent from 3.9 percent in the previous month. During the first eight months of this year, headline inflation averaged 4.2 percent. With a favorable inflation environment, the Bangko Sentral ng Pilipinas has maintained policy rates at 4 percent for the overnight borrowing rate (RRP) and 6 percent for the overnight lending rate (RP) since July 2009.

External position continues to strengthen

Gross International Reserves have more than tripled since 2001. As of end-August 2010, the GIR stood at USD49.6 billion. The current level of GIR could cover 9.2 months worth of imports of goods and payments of services and income. It is also equivalent to 9.5 times the country's short-term external debt based on original maturity.

The country's Balance of Payments (BoP) stood at a surplus of USD3.3 billion as of end-July 2010. Latest available data for current account showed that it also registered a surplus of USD1.8 billion during the first quarter of 2010 on account of sustained resilience of OF remittances. Meanwhile, Overseas Filipinos' (OF) remittances reached USD1.6 billion in June 2010, registering a year-on-year growth of 8.3 percent. For the first 6 months of the year, remittances totaled USD9.1 billion, higher by 6.9 percent year-on-year.

Foreign investments supported by investors' continued





confidence in the Philippine economy

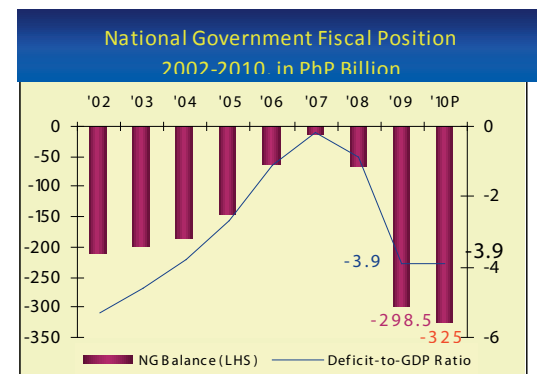
In the first 5 months of 2010, foreign direct investments (FDI) posted net inflows of USD446 million. Meanwhile, foreign portfolio investments (FPI) registered a net inflow of USD701 million in the first 7 months of 2010, 164 percent higher year-on-year.

In 2009, despite a volatile global economic environment, FDI recorded net inflows amounting to USD1.9 billion, 26.2 percent higher than the year-ago level. FPI, on the other hand, yielded a net inflow of USD388 million in 2009, reflecting a major turnaround from the USD1.8 billion net outflow recorded in 2008.



Banking sector remains fundamentally sound and stable

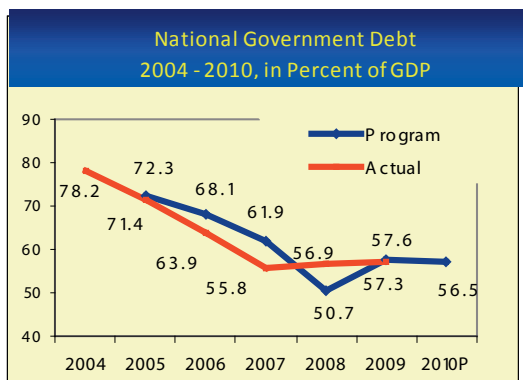
The impact of the global financial turmoil on the country’s financial system has been limited in large part because Philippine financial institutions remained fundamentally sound and stable. The non-performing loans ratio (NPL) of the Philippine Banking System stood at 3.7 percent in 2009, while NPL of universal and commercial banks (U/KBs) stood at 3.4 percent as of end-May 2010. Moreover, banks remained capitalized at levels above the Bangko Sentral ng Pilipinas (BSP) regulatory requirement and the Basel International Standard. As of end-December 2009, the capital adequacy ratios within the Philippine banking system stood at 14.9 percent and 15.8 percent on a solo and consolidated basis, respectively.



A manageable fiscal profile

Improvements in the National Government’s (NG) fiscal position have, in recent years, contributed to a significant decline in its deficit to GDP ratio, which fell from 5.3 percent in 2002 to a low of 0.9 percent in 2008. In 2009, however, the deficit-to-GDP ratio rose to 3.9 percent as the Government posted a fiscal deficit of P298.5 billion on lower level of revenues, and higher expenditures due to the fiscal and economic stimulus measures and lower revenues from privatization. Revenue collection reached P1.12 trillion while expenditures amounted to P1.42 trillion.

For the first seven months, the NG deficit reached P229.4 billion. Revenue collections improved to P695.0 billion, or 7.9 percent higher than in the same period last year as collections



by the Bureau of Internal Revenue (BIR) and Bureau of Customs (BOC) continue to improve. In line with the government’s firm commitment to improve tax collection efficiency, BIR collections grew by 7.9 percent to P467.3 billion while Bureau of Customs collections reached P153.0 billion up 18.6 percent compared to the same period last year. Meanwhile, total expenditures from January to July 2010 reached P924.4 billion, or an 11.1 percent increase over last year’s P832.1 billion. The Government is committed to attaining this year’s 3.9 percent deficit/GDP target.

Meanwhile, the NG debt-to-GDP ratio stood at 56.6 percent as of the first quarter 2010 from a peak of 78.2 percent in 2004. Of the total NG outstanding debt, 43.1 percent is foreign debt while 56.9 percent is domestically owed. As of March 2010, total debt service as percent of GDP stood at 1.5 percent, still below the 8.9 percent program for 2010.

Economic and Policy Outlook

In 2010, GDP is expected to grow between 5.0 to 6.0 percent and inflation is targeted to range between 3.5 to 5.5 percent. The new administration will pursue its overarching objectives of poverty reduction, increased investments and accelerated growth within the framework of fiscal sustainability. To ensure fiscal sustainability, the primary effort will be on increasing tax collections. This will be done by improving the effectiveness of existing administrative measures such as Run After the Tax Evaders (RATEs), Run After The Smugglers (RATs) and Revenue Integrity Protection Service (RIPS). The government also shifted to zero-based budgeting (ZBB) in preparing the P1.6 trillion 2011 budget to ensure the efficient use of government funds.

The key goal is to maintain a manageable deficit level which will result in continuous reduction in debt, sustained macroeconomic stability and growth, and at the same time create fiscal space to allow government to increase capital investments in support of growth. Finally, recognizing the role of the private sector in national development, the new administration is committed to fast-tracking the implementation of public-private partnerships to complement government infrastructure investments and push growth moving forward.

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PROJECT TITLE	WIND FARM POWER PROJECT		
DESCRIPTION	<p style="text-align: center;">Project Location : Southern Luzon</p> 		
<p>Construction of a 50 MW wind energy power plant in General Nakar, Quezon Province.</p> <p>The proponent is Energy World International Ltd.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2011
PROJECT COST	PhP 5,625 Million USD 125 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Identified the site for the installation of the wind monitoring equipment. b. Ongoing coordination with the Renewable Energy Management Bureau of the Department of Energy and Local Government Unit officials for the setting up of the monitoring equipment. 			
CONTACT INFORMATION			
<p>Name : MR. EDDIE RODRIGUEZ Designation : Manager Agency : Energy World International Ltd. Telephone No. : (63 2) 521-3166 / 525-1257 Fax No. : (63 2) 522-2538 Email Address : ewc188_ph@pldt.dsl.net</p>			




PROJECT TITLE		LIQUEFIED NATURAL GAS TERMINAL AND COMBINED CYCLE GAS TURBINE	
DESCRIPTION		<p>Project Location : Southern Luzon</p> 	
<p>Construction of a Liquefied Natural Gas Terminal with a 3 x 100 MW Combined Cycle Gas Turbine power plant in Pagbilao, Quezon.</p> <p>The proponent is Energy World International Ltd.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2011
PROJECT COST	PhP 12,150 Million USD 270 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Leased property to be used for the project. b. Ongoing site investigation and preparation. c. Ongoing information dissemination with the Local Government Unit and other stakeholders for the social acceptance of the project. 			
CONTACT INFORMATION			
<p>Name : MR. EDDIE RODRIGUEZ Designation : Manager Agency : Energy World International Ltd. Telephone No. : (63 2) 521-3166 / 525-1257 Fax No. : (63 2) 522-2538 Email Address : ewc188_ph@pldt.dsl.net</p>			






PROJECT TITLE	NORTHWIND PAMPLONA PROJECT		
DESCRIPTION	<p data-bbox="836 327 1273 356" style="text-align: center;">Project Location : Northern Luzon</p>  <p data-bbox="92 376 699 450">Construction of a 30 MW wind energy power plant in Pamplona, Cagayan Valley.</p> <p data-bbox="92 495 699 568">The proponent is Northeast Wind Systems (NEWS) Northpoint.</p>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2011
PROJECT COST	PhP 3,375 Million USD 75 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Completed 5-year wind data measurement b. Entered into a Memorandum of Agreement with the Cagayan Electric Cooperative I and II for joint cooperation in the development of the project. c. Secured endorsements from the Sangguniang Panlalawigan of the Province of Cagayan, Sangguniang Bayan of the Municipality of Pamplona, and officials of the prospective host barangays of Bidduang, Allasitan and Nagattatan. d. Conducting initial survey on the applied area. e. Submitted documentation to the local Community Environment and Natural Resources Office for project evaluation, issuance of Environmental Certificate of Compliance and foreshore lease agreement. 			
CONTACT INFORMATION			
<p>Name : MR. NEILS JACOBSEN</p> <p>Designation : President</p> <p>Agency : Northeast Wind Systems Northpoint</p> <p>Telephone No. : (63 2) 815-9521 / 815-8251 to 52</p> <p>Fax No. : (63 2) 818-2551</p> <p>Email Address : nwind@mozcom.com</p>			




PROJECT TITLE		NORTHWIND APPARRI PROJECT	
DESCRIPTION		<p>Project Location : Northern Luzon</p> 	
<p>Construction of a 40 MW wind energy power plant in Aparri, Cagayan Valley.</p> <p>The proponent is the Northwind Group of Companies.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2011
PROJECT COST	PhP 4,500 Million USD 100 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> On-going wind data measurement. 			
CONTACT INFORMATION			
<p>Name : MR. NEILS JACOBSEN Designation : President Agency : Northeast Wind Systems Northpoint Telephone No. : (63 2) 815-9521 / 815-8251 to 52 Fax No. : (63 2) 818-2551 Email Address : nwind@mozcom.com</p>			






PROJECT TITLE	MULTI-FUEL BIOMASS POWER PLANT		
DESCRIPTION	<p>Project Location : Central Luzon</p>  <p>Construction of a 2 x 17.5 MW biomass power project in Barangay Tabon-Tabuating, San Leonardo, Nueva Ecija.</p> <p>The feedstock to be used are rice husk, rice straw, corn straw, cane tops & leaves, coconut husk and other energy crops.</p> <p>Included in the Phase 1 projects to be implemented by Green Power Nueva Ecija Philippines Inc.</p>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2012 (Phase 1) 2013 (Phase 2)
PROJECT COST	PhP 2,205 Million USD 49 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Registered the company with the Security Exchange Commission. b. Project registered with Board of Investments. c. Obtained Environmental Compliance Certificate. d. Barangay and Municipal Endorsements expected to be obtained by end-of-September 2010. e. Completed Resource Assessment. f. Signed biomass supply contract with Global Biomass Corporation. Biomass supply contracts with individual farmers' cooperatives and irrigators' associations to be signed by 4th Quarter 2010. g. Engineering, Procurement and Construction contract awarded to Poyry Energy Incorporated. h. Initial power plant design under preparation. i. Public consultations currently being organized. j. Intends to apply for a loan package with financial institutions. k. Seeking prospective equity investors. 			
CONTACT INFORMATION			
<p>Name : MR. STEVE WATERFIELD Designation : Chief Executive Officer Agency : Global Green Power PLC Corporation Telephone No. : (63 2) 635-9688 / 631-2745 Fax No. : (63 2) 638-8164 Email Address : steve.waterfield@global-green-power.com</p>			




PROJECT TITLE		KANAN B1 HYDRO POWER PROJECT	
DESCRIPTION		<p style="text-align: center;">Project Location : Southern Luzon</p> 	
<p>Construction of a 215 MW hydro power plant in General Nakar, Quezon Province.</p> <p>The proponent is Energy World International Ltd.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	Ph 1 (145 MW) - 2012 Ph 2 (70 MW) - 2013
PROJECT COST	PhP 13,050 Million USD 290 Million	SPONSORING AGENCY	
PROJECT STATUS			
<p>a. Ongoing information dissemination with the community for social acceptance of the project.</p> <p>b. Coordinating closely with Local Government Units for the acceptance of the project.</p>			
CONTACT INFORMATION			
<p>Name : MR. EDDIE RODRIGUEZ Designation : Manager Agency : Energy World International Ltd. Telephone No. : (63 2) 521-3166 / 525-1257 Fax No. : (63 2) 522-2538 Email Address : sewc188_ph@pldt.dsl.net</p>			






PROJECT TITLE	BURGOS WIND POWER PROJECT		
DESCRIPTION	<p>Construction of a 40 MW wind power plant in Saoit and 46 MW one in Nagsurot, Burgos, Ilocos Norte. A 42-kilometer transmission line shall be constructed to connect to a substation in Laoag.</p> <p>The proponent is the Energy Development Corporation.</p> <div style="text-align: right;"> <p>Project Location : Northern Luzon</p>  </div>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2012
PROJECT COST	PhP 11,610 Million USD 258 Million	SPONSORING AGENCY	
PROJECT STATUS			
a. Ongoing bidding activities.			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ Designation : Manager, Strategy Management Division Agency : Energy Development Corporation (EDC) Telephone No. : (63 2) 840-1890 / 667-7332 Fax No. : (63 2) 840-1890 Email Address : quiroz@energy.com.ph</p>			




PROJECT TITLE		MULTI-FUEL BIOMASS POWER PLANT	
DESCRIPTION		<p>Project Location : Northern Luzon</p> 	
<p>Construction of a 2 x 17.5 MW biomass power project in Pangasinan.</p> <p>Included in the Phase 2 projects to be implemented by Green Power Pangasinan Philippines, Inc.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	Phase 1 – 2013 Phase 2 - TBD
PROJECT COST	PhP 2,992.50 Million USD 66.50 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Registered company with the Security Exchange Commission. b. Project registered with the Board of Investments. c. Preparation of Initial Environmental Examination to obtain the Environmental Compliance Certificate. d. Energy Sales Agreement is under negotiation with off-takers. e. Land acquisition is under negotiation. f. Finished preliminary & intermediate plant design. g. Signed biomass supply contract. h. Applied with the National Grid Corporation of the Philippines for the conduct of the Grid Impact Study. 			
CONTACT INFORMATION			
<p>Name : MR. STEVE WATERFIELD Designation : Chief Executive Officer Agency : Global Green Power PLC Corporation Telephone No. : (63 2) 635-9688 / 631-2745 Fax No. : (63 2) 638-8164 Email Address : steve.waterfield@global-green-power.com</p>			






PROJECT TITLE	TANAWON GEOTHERMAL PROJECT		
DESCRIPTION	<p>Project Location : Southern Luzon</p>  <p>Construction of an integrated 40 MW steamfield and geothermal power plant with a 0.8 kilometer 230kV transmission line in the Bacman Geothermal Field, Sorsogon.</p> <p>The proponent is the Energy Development Corporation.</p>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2013
PROJECT COST	PhP 9,000 Million USD 200 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Ongoing assessment of geothermal resource. b. Ongoing discussions with potential Engineering, Procurement and Construction contractors. c. Initial civil works are ongoing. 			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ Designation : Manager, Strategy Management Division Agency : Energy Development Corporation (EDC) Telephone No. : (63 2) 8401890 / 667-7332 Fax No. : (63 2) 8401890 Email Address : quiroz@energy.com.ph</p>			




PROJECT TITLE		COAL-FIRED POWER PLANT	
DESCRIPTION		<p>Project Location : Central Luzon</p> 	
<p>Construction of a 2 x 150 MW coal-fired power plant in Naglatore, Cawag, Subic.</p> <p>The proponent is Redondo Peninsula Energy Incorporated.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	Unit 1 (150 MW) - 2013 Unit 2 (150 MW) - 2013
PROJECT COST	PhP 24,300 Million USD 540 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Obtained Environmental Compliance Certificate from the Subic Bay Metropolitan Authority and Department of Environmental and Natural Resources. b. Grid Impact Studies approved by the National Transmission Corporation in 2007. c. Signed Memorandum of Understanding with the National Grid Corporation of the Philippines authorizing the connection to the 230 kV transmission line. d. Renewed Certificate of Registration and Tax Exemption as a Subic Freeport Zone Enterprise. e. Registered project with Board of Investments. f. Land Lease Agreement with Subic Bay Metropolitan Authority / Department of Environmental and Natural Resources is under negotiation. g. Financing is under negotiation. h. Engineering, Procurement and Construction contract is under negotiation. i. Advance site preparatory activity (civil works, levelling, etc) to commence on October 2010. 			
CONTACT INFORMATION			
<p>Name : MR. WILFREDO BACAREZA Designation : Vice-President Agency : Redondo Peninsula Energy Inc. Telephone No. : (63 2) 793-2800 Fax No. : (63 2) 817-9508 Email Address : wilfredo.bacareza@aboitiz.com</p>			






PROJECT TITLE	COAL FIRED POWER PLANT		
DESCRIPTION	<p style="text-align: center;">Project Location : Southern Luzon</p>  <p>Construction of an initial 1 x 135 MW coal-fired power plant in Phase II of the Phoenix Petroterminal and Industrial Park at km 118, National Highway, Brgy. Puting Bato West, Calaca, Batangas. Provisions shall be made for the installation of a second 1 x 135 MW unit in the future.</p> <p>The power plant will utilize an Atmospheric Circulating Fluidized Bed boiler.</p> <p>The proponent is Trans Asia Oil and Energy Development Corporation (TAOil).</p>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2013
PROJECT COST	PhP 21,870 Million USD 486 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Signed contract with the Bacnotan Industrial Park Corporation for the purchase of industrial lots. b. Obtained Environmental Compliance Certificate. c. Grid Impact Study to be conducted by the National Grid Corporation of the Philippines on January 2011. d. MOA to be signed with Semirara Mining Corporation for the coal supply. e. MOA to be signed with Engineering, Procurement and Construction contractor. 			
CONTACT INFORMATION			
<p>Name : DR. FRANCISCO L. VIRAY Designation : President and Chief Executive Officer Agency : Trans Asia Oil and Energy Development Corporation Telephone No. : (63 2) 870-0100 / 870-0249 Fax No. : (63 2) 870-0433 Email Address : flviray@phinma.com.ph</p>			




PROJECT TITLE		KALAYAAN PUMPED STORAGE POWER PLANT III (CBK EXPANSION)	
DESCRIPTION		<p>Project Location : Southern Luzon</p> 	
<p>Construction of a 360 MW hydro power plant in Lumban, Laguna.</p> <p>The proponent is J Power and Sumitomo Corporation.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2014
PROJECT COST	PhP 32,400 Million USD 720 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Conducting feasibility study and Environmental Impact Analysis study. b. Secured Environmental Compliance Certificate. c. Grid Impact Studies completed by the National Transmission Corporation. 			
CONTACT INFORMATION			
<p>Name : MR. MASAHIRO IKEZAWA Designation : Chief Executive Officer Agency : J Power and Sumitomo Corporation Telephone No. : (63 2) 884-1351 Fax No. : (63 2) 884-1360 Email Address : Mlkezawa@cbkpower.com</p>			






PROJECT TITLE	MAUBAN WIND FARM PROJECT		
DESCRIPTION	Project Location : Southern Luzon		
<p>Construction of a 12 MW wind power plant in Mauban, Quezon.</p> <p>The proponent is Quezon Power Philippines.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2014
PROJECT COST	PhP 1,350 Million USD 30 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Gathering registration requirements. b. Pre-development stage. 			
CONTACT INFORMATION			
<p>Name : MR. SIMO SANTAVIRTA Designation : General Manager Agency : Quezon Power Philippines Telephone No. : (63 2) 687-2180 Fax No. : (63 2) 687-2186 to 87 Email Address : ssantavirta@intergen.com</p>			




PROJECT TITLE		RANGAS GEOTHERMAL PROJECT	
DESCRIPTION		<p style="text-align: center;">Project Location : Southern Luzon</p> 	
<p>Construction of an integrated 40 MW steamfield and geothermal power plant in the Bacman Geothermal Field, Bacon, Sorsogon.</p> <p>The proponent is the Energy Development Corporation (EDC).</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2015
PROJECT COST	PhP 9,000 Million USD 200 Million	SPONSORING AGENCY	
PROJECT STATUS			
a. Ongoing resource assessment and feasibility studies.			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ Designation : Manager, Strategy Management Division Agency : Energy Development Corporation (EDC) Telephone No. : (63 2) 8401890 / 667-7332 Fax No. : (63 2) 8401890 Email Address : quiroz@energy.com.ph</p>			





PROJECT TITLE	BALINTINGON RIVER MULTI-PURPOSE PROJECT		
DESCRIPTION	<p>Construction of a 30 MW hydropower plant in General Tinio, Nueva Ecija.</p> <p>The proponent is the National Irrigation Administration.</p>		
	<p>Project Location : Central Luzon</p> 		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2015
PROJECT COST	PhP 2,700 Million USD 60 Million	SPONSORING AGENCY	
PROJECT STATUS			
<p>a. Signed Memorandum of Agreement with Concord Pacific Investment Holdings Limited, Inc. (Concord PIHLI) for the conduct of the feasibility study.</p>			
CONTACT INFORMATION			
<p>Name : MR. ANTONIO S. NANGEL Designation : Acting Administrator Agency : National Irrigation Administration (NIA) Telephone No. : (63 2) 929-6071 to 78 / 926-7678 Fax No. : (63 2) 926-2846 Email Address : administrator@nia.gov.ph</p>			




PROJECT TITLE		QUEZON POWER EXPANSION PROJECT	
DESCRIPTION		<p>Project Location : Southern Luzon</p> 	
<p>Installation of 500 MW additional capacity in the coal power plant in Mauban, Quezon.</p> <p>The proponent is Quezon Power Philippines.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2016
PROJECT COST	PhP 40,500 Million USD 900 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Obtained Environmental Compliance Certificate from the Department of Environment and Natural Resources. b. Grid Impact Study completed by the National Transmission Corporation. c. Development Stage. 			
CONTACT INFORMATION			
<p>Name : MR. SIMO SANTAVIRTA Designation : General Manager Agency : Quezon Power Philippines Telephone No. : (63 2) 687-2180 Fax No. : (63 2) 687-2186 to 87 Email Address : ssantavirta@intergen.com</p>			





PROJECT TITLE		MANITO-KAYABON GEOTHERMAL PROJECT	
DESCRIPTION		Project Location : Southern Luzon	
<p>Construction of an integrated 40 MW steamfield and geothermal power plant in the Bacman Geothermal Field, Bacon, Sorsogon.</p> <p>The proponent is the Energy Development Corporation (EDC).</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2016
PROJECT COST	PhP 9,000 Million USD 200 Million	SPONSORING AGENCY	
PROJECT STATUS			
a. Ongoing resource assessment and feasibility studies.			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ Designation : Manager, Strategy Management Division Agency : Energy Development Corporation (EDC) Telephone No. : (63 2) 8401890 / 667-7332 Fax No. : (63 2) 8401890 Email Address : quiroz@energy.com.ph</p>			




PROJECT TITLE		MINDORO BIOMASS POWER PROJECT	
DESCRIPTION		<p>Project Location : Southern Luzon</p> 	
<p>Construction of a 17.5 MW biomass power plant in Mindoro.</p> <p>This project is included in the Phase 3 of projects to be implemented by Global Power Mindoro Philippines, Inc.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2017
PROJECT COST	PhP 1,575 Million USD 35 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Company registered with the Securities and Exchange Commission . b. Completed the Biomass Supply Assessment. c. Ongoing site selection. d. Finished preliminary & intermediate plant design. e. To prepare requirements for initial Environmental Examination. f. To prepare registration with the Board of investments and Application for Grid Impact Study. g. Ongoing selection of Engineering, Procurement and Construction contractor. 			
CONTACT INFORMATION			
<p>Name : MR. STEVE WATERFIELD Designation : Chief Executive Officer Agency : Global Green Power PLC Corporation Telephone No. : (63 2) 635-9688 / 631-2745 Fax No. : (63 2) 638 8164 Email Address : steve.waterfield@global-green-power.com</p>			






PROJECT TITLE		PAGBILAO EXPANSION PROJECT	
DESCRIPTION		<p>Project Location : Southern Luzon</p>	
<p>Installation of 400 MW additional capacity in the coal plant in Pagbilao, Quezon.</p> <p>The proponent is Team Energy Corporation.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	PhP 32,400 Million USD 720 Million	SPONSORING AGENCY	
PROJECT STATUS			
<p>a. Conducting further studies in view of current events, including the bidding that will be conducted by the Power Sector Assets and Liabilities Management Corporation for the Independent Power Producer Administrator of the 700 MW contracted capacity of the Pagbilao Power substation and the world-wide financial crisis.</p> <p>b. Continuous discussion with local government officials of Quezon for possible settlement of real property tax issue.</p>			
CONTACT INFORMATION			
<p>Name : MR. TATSURO YAMAOKA Designation : Executive Vice President for Operation Agency : Team Energy Corporation Telephone No. : (63 2) 552-8000 / 552-8005 Fax No. : (63 2) 551-7089 Email Address : tatsuro.yamaoka@teamenergy.ph</p>			




PROJECT TITLE		PAGUDPUD WIND POWER PROJECT	
DESCRIPTION		<p style="text-align: center;">Project Location : Northern Luzon</p> 	
<p>Construction of a 40 MW wind power plant in Pagudpud, Ilocos Norte.</p> <p>The proponent is the Energy Development Corporation (EDC).</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	PhP 4,500 Million USD 100 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Currently updating the feasibility study. b. Work Program approved by Energy Development Corporation Management last June 2010. c. Acquiring permits and right of way for the installation of wind mast. 			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ</p> <p>Designation : Manager, Strategy Management Division</p> <p>Agency : Energy Development Corporation (EDC)</p> <p>Telephone No. : (63 2) 8401890 / 667-7332</p> <p>Fax No. : (63 2) 8401890</p> <p>Email Address : quiroz@energy.com.ph</p>			






PROJECT TITLE	VILLASIGA HYDROPOWER PROJECT		
DESCRIPTION	<p>Construction of an 8 MW hydro power plant in Sibalom, Antique.</p> <p>The proponent is SUNWEST Water & Electric Company Incorporated.</p> <div style="text-align: center;"> <p>Project Location : Western Visayas</p>  </div>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2012
PROJECT COST	PhP 720 Million USD 16 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Completed construction of a 25.55 kilometer access road and hauling of heavy equipment to the project site. b. Completed 50% construction of facilities. c. Completed 20 meters (out 1 kilometer) of tunnelling. d. Entire project is 18% completed. 			
CONTACT INFORMATION			
<p>Name : MR. JOSE SILVESTRE M. NATIVIDAD</p> <p>Designation : President</p> <p>Agency : Sunwest Water & Electric Co., Inc.</p> <p>Telephone No. : (63 2) 632-7812 / 470-1789</p> <p>Fax No. : (63 2) 470-1789</p> <p>Email Address : jsn@sunwest.com.ph</p>			




PROJECT TITLE		NEGROS BIOMASS POWER PROJECT	
DESCRIPTION		<p style="text-align: center;">Project Location : Western Visayas</p> 	
<p>Construction of 17.5 MW biomass power plants in Negros.</p> <p>The project is included in the Phase 1 projects to be implemented by Global Green Power PLC.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2014
PROJECT COST	PhP 1,496.25 Million USD 33.25 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Company registered with the Securities and Exchange Commission . b. Completed the Biomass Supply Assessment c. Ongoing site selection d. To prepare requirements for initial Environmental Examination e. To prepare Registration with the Board of Investment and Application for Grid Impact Study f. Ongoing selection of Engineer and Engineering, Procurement and Construction contractor 			
CONTACT INFORMATION			
<p>Name : MR. STEVE WATERFIELD Designation : Chief Executive Officer Agency : Global Green Power PLC Corporation Telephone No. : (63 2) 635-9688 / 631-2745 Fax No. : (63 2) 638-8164 Email Address : steve.waterfield@global-green-power.com</p>			






PROJECT TITLE	SAMAR BIOMASS POWER PROJECT		
DESCRIPTION	<p>Construction of a 17.5 MW biomass power plant in Samar.</p> <p>The project is Included in the Phase 2 projects to be implemented by Global Green Power PLC.</p>		
	<p>Project Location : Eastern Visayas</p> 		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2015
PROJECT COST	PhP 1,575 Million USD 35 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Company registered with the Securities and Exchange Commission. b. Completed the Biomass Supply Assessment. c. Ongoing site selection. d. To prepare requirements for initial Environmental Examination. e. Ongoing registration with the Board of Investments and application for Grid Impact Study. f. Ongoing selection of the Engineering, Procurement and Construction contractor. 			
CONTACT INFORMATION			
<p>Name : Mr. Steve Waterfield Designation : Chief Executive Officer Agency : Global Green Power PLC Corporation Telephone No. : (63 2) 635-9688 / 631-2745 Fax No. : (63 2) 638-8164 Email Address : steve.waterfield@global-green-power.com</p>			




PROJECT TITLE		DAUIN GEOTHERMAL PROJECT	
DESCRIPTION		<p>Project Location : Central Visayas</p> 	
<p>Construction of an integrated 40 MW steamfield and geothermal power plant in Dauin, Negros Oriental.</p> <p>The proponent is the Energy Development Corporation (EDC).</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2017
PROJECT COST	PhP 9,000 Million USD 200 Million	SPONSORING AGENCY	
PROJECT STATUS			
a. Ongoing resource assessment and feasibility studies.			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ Designation : Manager, Strategy Management Division Agency : Energy Development Corporation (EDC) Telephone No. : (63 2) 840-1890 / 667-7332 Fax No. : (63 2) 840-1890 Email Address : quiroz@energy.com.ph</p>			






PROJECT TITLE	SOUTHERN LEYTE GEOTHERMAL PROJECT (FORMERLY CABALIAN GEOTHERMAL)		
DESCRIPTION	<p>Construction of an integrated 40 MW steamfield and geothermal power plant in Southern Leyte.</p> <p>The proponent is the Energy Development Corporation (EDC).</p>		
	<p>Project Location : Eastern Visayas</p> 		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2019
PROJECT COST	PhP 9,000 Million USD 200 Million	SPONSORING AGENCY	
PROJECT STATUS			
a. Ongoing resource assessment and feasibility studies.			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ Designation : Manager, Strategy Management Division Agency : Energy Development Corporation (EDC) Telephone No. : (63 2) 840-1890 / 667-7332 Fax No. : (63 2) 840-1890 Email Address : quiroz@energy.com.ph</p>			




PROJECT TITLE		BUNKER-FIRED POWER PLANT	
DESCRIPTION		<p style="text-align: center;">Project Location : Northern Mindanao</p> 	
<p>Construction of a 20 MW bunker fired power plant.</p> <p>The proponent is Mindanao Energy Systems, Incorporated (MINERGY).</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2011
PROJECT COST	PhP 900 Million USD 20 Million	SPONSORING AGENCY	
PROJECT STATUS			
<p>a. Currently, in the final negotiation phase with the supplier of the equipment as well as with the Engineering, Procurement and Construction turnkey contractor.</p>			
CONTACT INFORMATION			
<p>Name : MRS. CONSUELO G. TION Designation : President and Chief Operating Officer Agency : Mindanao Energy Systems, Incorporated Telephone No. : (63 2) 631-1581 to 84/ (63 88) 857-5097 / (63 88) 857-2043 / (63 88) 857-3775 Fax No. : (63 8822) 726-019 Email Address : cgtion@cepalco.com.ph</p>			






PROJECT TITLE	AGUS 3 HYDROELECTRIC PLANT		
DESCRIPTION	<p style="text-align: center;">Project Location : Northern Mindanao</p> 		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2011
PROJECT COST	PhP 20,250 Million USD 450 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Updated feasibility study. b. Secured Environmental Compliance Certificate. c. Signed Joint Sales Agreement with the National Power Corporation. 			
CONTACT INFORMATION			
<p>Name : MR. JOSE VENANCIO BATIQUIN Designation : President Agency : Luzon Hydro Power Corporation Telephone No. : (63 2) 793-2770 / (63 2) 793-2800 Fax No. : (63 2) 817-2380 Email Address : jovy.batiquin@aboitiz.com</p>			




PROJECT TITLE		SOUTHERN MINDANAO COAL-FIRED POWER STATION	
DESCRIPTION		<p>Project Location : Southern Mindanao</p> 	
<p>Construction of a 200 MW coal power plant in Maasim, Sarangani.</p> <p>The proponent is Conal Holdings Corporation.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	Phase I – 2013 Phase II - 2014
PROJECT COST	PhP 16,200 Million USD 360 Million	SPONSORING AGENCY	DPWH / MNTC (private proponent)
PROJECT STATUS			
<ul style="list-style-type: none"> a. Secured Environmental Compliance Certificate permit in April 2009. b. Construction of Phase 1 (100 MW) starts at the end of the first quarter of 2013. c. Construction of Phase 2 (100 MW) will start within 18 to 24 months after the commencement of construction of Phase 1. 			
CONTACT INFORMATION			
<p>Name : MR. TIRSO G. SANTILLAN Designation : Chief Executive Officer Agency : Conal Holdings Corporation Telephone No. : (63 2) 812-0294 Fax No. : (63 2) 812-1005 Email Address : tgsagc@globenet.com.ph</p>			






PROJECT TITLE	TAGOLOAN HYDROPOWER		
DESCRIPTION	<p data-bbox="799 331 1286 365" style="text-align: center;">Project Location : Northern Mindanao</p> 		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2012
PROJECT COST	Php 6,120 Million USD 136 Million	SPONSORING AGENCY	
PROJECT STATUS			
a. Completed feasibility study.			
CONTACT INFORMATION			
<p data-bbox="76 1384 762 1417">Name : MR. JOSE VENANCIO BATIQUIN</p> <p data-bbox="76 1424 451 1458">Designation : President</p> <p data-bbox="76 1464 754 1498">Agency : Luzon Hydro Power Corporation</p> <p data-bbox="76 1505 762 1538">Telephone No. : (63 2) 793-2770 / (63 2) 793-2800</p> <p data-bbox="76 1545 531 1579">Fax No. : (63 2) 817-2380</p> <p data-bbox="76 1585 675 1619">Email Address : jovy.batiquin@aboitiz.com</p>			




PROJECT TITLE		BUKIDNON BIOMASS POWER PROJECT	
DESCRIPTION		<p style="text-align: center;">Project Location : Northern Mindanao</p> 	
<p>Construction of a 35 MW biomass power plant in Bukidnon.</p> <p>The project is included in the Phase 1 projects to be implemented by Green Power Bukidnon Philippines, Incorporated.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2013
PROJECT COST	PhP 1,496.25 Million USD 33.25 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Company registered with the Securities Exchange Commission. b. Completed the Biomass Supply Assessment. c. Ongoing site selection. d. To prepare requirements for initial Environmental Examination. e. Ongoing registration with the Board of Investments and application for Grid Impact Study. f. Ongoing selection of Engineering, Procurement and Construction contractor. 			
CONTACT INFORMATION			
<p>Name : MR. STEVE WATERFIELD Designation : Chief Executive Officer Agency : Global Green Power PLC Corporation Telephone No. : (63 2) 635-9688 / 631-2745 Fax No. : (63 2) 638-8164 Email Address : steve.waterfield@global-green-power.com</p>			






PROJECT TITLE	DAVAO BIOMASS POWER PROJECT		
DESCRIPTION	<p>Construction of a 17.5 MW biomass power plant in Davao City.</p> <p>The project is included in the Phase 3 of projects to be implemented by Green Power Davao Philippines, Incorporated.</p>		
	<p>Project Location : Davao Region</p> 		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	2017
PROJECT COST	PhP 1,496.25 Million USD 33.25 Million	SPONSORING AGENCY	
PROJECT STATUS			
<ul style="list-style-type: none"> a. Company registered with the Securities and Exchange Commission. b. Completed the Biomass Supply Assessment. c. Ongoing site selection. d. To prepare requirements for initial Environmental Examination. e. Ongoing registration with the Board of Investments and application for Grid Impact Study. f. Ongoing selection of Engineering, Procurement and Construction contractor. 			
CONTACT INFORMATION			
<p>Name : MR. STEVE WATERFIELD Designation : Chief Executive Officer Agency : Global Green Power PLC Corporation Telephone No. : (63 2) 635-9688 / 631-2745 Fax No. : (63 2) 638-8164 Email Address : steve.waterfield@global-green-power.com</p>			




PROJECT TITLE		CAMIGUIN ISLAND WIND POWER PROJECT	
DESCRIPTION		<p>Project Location : Northern Mindanao</p> 	
<p>Construction of a 5 MW wind power project in Camiguin.</p> <p>The proponent is the Energy Development Corporation.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	TBD
PROJECT COST	PhP 562.50 Million USD 12.50 Million	SPONSORING AGENCY	
PROJECT STATUS			
<p>a. Work program approved by Energy Development Corporation Management in June 2010.</p> <p>b. Pre-development stage.</p>			
CONTACT INFORMATION			
<p>Name : MR. RAYMOND H. QUIROZ Designation : Manager, Strategy Management Division Agency : Energy Development Corporation (EDC) Telephone No. : (63 2) 840-1890 / 667-7332 Fax No. : (63 2) 840-1890 Email Address : quiroz@energy.com.ph</p>			






PROJECT TITLE	AMBURAYAN RIVER HYDROPOWER PROSPECT		
DESCRIPTION	<p>The source is the Amburayan River in Barangay Sawingan, Atok in the Province of Benguet. A run-of-river type hydropower plant with an estimated capacity of 33.80 MW. Catchment area is 119 square kilometers in the areas of Kibungan and Sugpon, Benguet. The available head is 50 meters.</p> <div style="text-align: center;"> <p>Project Location : Northern Luzon</p>  </div>		
MODE	PPP	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 3,802.50 Million USD 84.50 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			




PROJECT TITLE		ILAGUEN HYDROPOWER PROSPECT	
DESCRIPTION		<p style="text-align: center;">Project Location : Northern Luzon</p> 	
<p>The source is the Pinacnuan de Ilaguen River in San Mariano, Isabel. A run-of-river type of development with an estimated capacity of 25 MW. Catchment area is 857 square kilometers.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 2,812.50 Million USD 62.50 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			






PROJECT TITLE	QUIRINO HYDROPOWER PROSPECT		
DESCRIPTION	<p>Project Location : Northern Luzon</p> 		
<p>The site is located in Cayus, Quirino, Ilocos Sur. The estimated capacity is 10 MW.</p> <p>The possible off-taker is Ilocos Sur Electric Cooperative (ISECO).</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 1,125 Million USD 25 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			




PROJECT TITLE		BINONGAN HYDROPOWER PROSPECT	
DESCRIPTION		<p>Project Location : Northern Luzon</p> 	
<p>The sources are the Binongan and Tineg Rivers in Tineg, Abra. The scheme of development covers an impounding/large dam and transbasin tunnel. Estimated capacity is approximately 175 MW. The design flow/discharge is 90 cubic meters per second and the gross head is 218 meters.</p> <p>The study was conducted by National Power Corporation in 1984.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 19,687.50 Million USD 437.50 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			






PROJECT TITLE	ADDALAM HYDROPOWER PROSPECT		
DESCRIPTION	<p style="text-align: center;">Project Location : Northern Luzon</p>  <p>The source is the Addalam River in Aglipay, Quirino. The scheme of development is reservoir/impounding. Estimated capacity is approximately 46 MW. The design head is 41 meters and drainage area is 684 square kilometers. The study was conducted by Harza & Engineering Company International in 1993, commissioned by National Power Corporation.</p> <p>The local government of Quirino intends to develop this project as an Independent Power Producer in association with the Quirino Resources Development Corporation and the Engineering and Development Corporation of the Philippines.</p>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 5,175 Million USD 115 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			



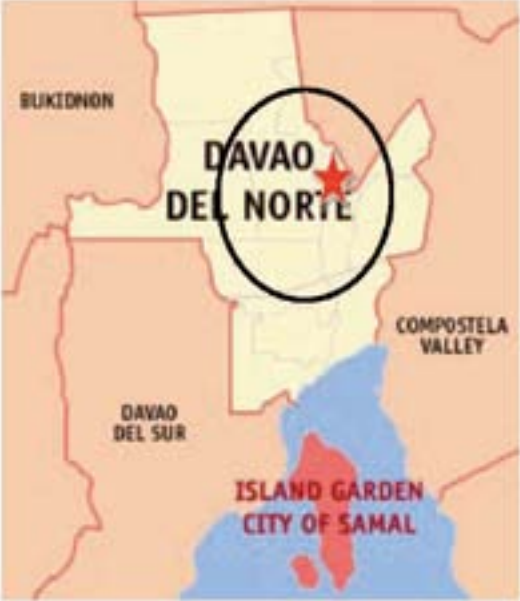
PROJECT TITLE		HUBO HYDROPOWER PROSPECT	
DESCRIPTION		<p>Project Location : Mindanao</p> 	
<p>The source is the Hubo River in San Agustin, Surigao del Sur. The river flows eastward to Lianga Bay. A run-of-river type hydropower plant with an estimated capacity of 10 MW. Catchment area is about 133 square kilometers composed of thick vegetation. The elevation at the catchment area ranges from 184 to 876 meters above sea level.</p> <p>The electricity generated can be sold to the grid through Surigao del Sur Electric Cooperative (SURSECO II) which has a franchise area of 13 municipalities.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 1,125.00 Million USD 25 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			






PROJECT TITLE	ASIGA RIVER HYDROPOWER PROSPECT		
DESCRIPTION	<p>Project Location : Mindanao</p>  <p>The source is the Asiga River in Santiago, Agusan del Norte. A run-of-river type plant with a concrete gravity dam. The estimated capacity is 11.3 MW.</p> <p>The study was conducted by New JEC through the National Power Corporation in 1993.</p>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 1,271.25 Million USD 28.25 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			




PROJECT TITLE		CATEEL E HYDROPOWER PROSPECT	
DESCRIPTION		<p>Project Location : Mindanao</p> 	
<p>The source is the Cateel River in Davao del Norte. A run-of-river type plant with an estimated capacity of 17.50 MW. The design head is 113.20 meters.</p> <p>The study was conducted by New JEC through National Power Corporation in 1993.</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 1,968.75 Million USD 43.75 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			





PROJECT TITLE	TRAN AC RIVER HYDROPOWER PROSPECT		
DESCRIPTION	<p data-bbox="788 342 1153 376">Project Location : Mindanao</p>  <p data-bbox="92 378 691 640">The source is the Tran river in Lebak, Maguindanao. This will be an impounding type plant hydro scheme with a gated concrete gravity dam. The estimated capacity is 30.6 MW. The design head is 73.1 meters and the drainage area is 721.4 square kilometers.</p> <p data-bbox="92 685 695 757">The study was conducted by New JEC through National Power Corporation in 1993.</p>		
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 3,442.50 Million USD 76.50 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			



PROJECT TITLE		LAKE MAINIT RIVER HYDROPOWER PROSPECT	
DESCRIPTION		<p>Project Location : Mindanao</p> 	
<p>The project is located in Jabonga, Agusan del Norte. The outflow of water from Lake Mainit to Bohol Sea will be utilized for hydropower generation. The scheme of development is the reservoir itself. Estimated capacity is approximately 25 MW. The catchment area is 723 square kilometers. (The area of the lake is 140 square kilometers) the available head is 34 meters, and the headrace-tunnel will be 3 to 3.5 kilometers long.</p> <p>The possible off-taker is the Agusan D el Norte Electric Cooperative (ANECO).</p>			
MODE	Private Initiated	IMPLEMENTATION SCHEDULE	N/A
PROJECT COST	PhP 2,812.50 Million USD 62.50 Million	SPONSORING AGENCY	
PROJECT STATUS			
CONTACT INFORMATION			



