

**The Coordinating Ministry
For Economic Affairs (CMEA)
The Republic of Indonesia**

**The Study on
Monitoring and Implementing Acceleration for
Metropolitan Priority Area for
Investment and Industry (MPA)
in JABODETABEK Area**

Final Report

January 2014

**Japan International Cooperation Agency (JICA)
Nippon Koei Co., Ltd.**

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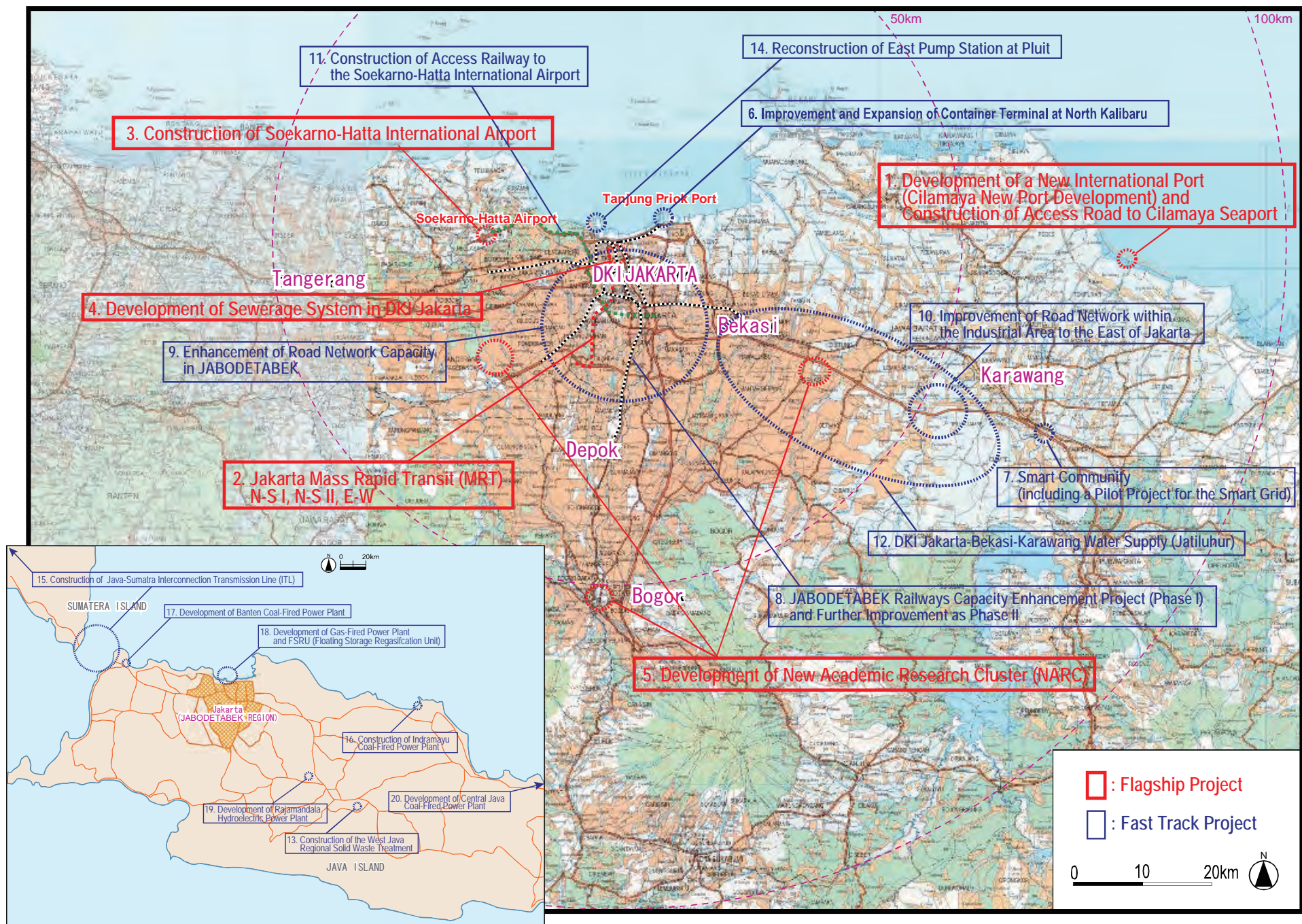
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Location Map of Flagship Projects and Fast-Track Projects

The Republic of Indonesia

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FINAL REPORT

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List of Abbreviations

AC	Alternate Current
ADB	Asian Development Bank
AMDAL	Analisis Mengenai Dampak Lingkungan (= Environmental Impact Assessment)
AP2	Angkasa Pura 2 (Second State-owned Airport Company)
APBN	Anggaran Pendapatan dan Belanja Negara (Annual State Budget)
AR	Access Railway
ASEAN	Association of South-East Asian Nations
AusAID	Australian Agency for International Development
BAPPENAS	Badan Perencanaan Pembangunan Nasional (National Development Planning Agency)
BAPPEDA	Badan Perencanaan Pembangunan Daerah (Regional Development Planning Agency)
BIL.	Billion
BKPM	Badan Koordinasi Penanaman Modal (Indonesia Investment Coordination Board)
BOT	Build-Operate-Transfer
BPI	Bhimasena Power Indonesia (PT. Bhimasena Power Indonesia)
BPJT	Badan Pengatur Jalan Tol (Indonesia Toll Road Authority)
BPN	Badan Pertanahan Nasional (National Land Agency)
BPPT	Badan Pengkajian dan Penerapan Teknologi (Agency for the Assessment and Application of Technology)
BPS	Badan Pusat Statistik (Central Statistics Agency)
BUMN	Badan Usaha Milik Negara (State Owned Enterprises)
CCCC	China Communication Construction Company
CJPP	Central Java Power Plant
CMEA	Coordinating Ministry for Economic Affairs
COD	Commercial Operation Date
COW	Contract of Works
DC	Direct Current
DED	Detailed Engineering Design
DFS	Detailed Feasibility Study
DG	Directorate General
DGCE	Directorate General of Custom and Excise
DGCA	Directorate General of Civil Aviation
DGH	Directorate General of Highways
DGLT	Directorate General of Land Transportation
DGR	Directorate General of Railways
DGST	Directorate General of Sea Transportation
DGWR	Directorate General of Water Resources
DKI Jakarta	Daerah Khusus Ibukota Jakarta (Special Capital Region of Jakarta)
DPRD	Dewan Perwakilan Rakyat Daerah (Local Parliament)
E/A	Executing Agency
E&M	Electrical and Mechanical
EBTKE	Energi Baru, Terbarukan dan Konservasi Energi (New Renewable Energy and Energy Conservation)
EIA	Environmental Impact Assessment
E/N	Exchange Note
EOJ	Embassy of Japan
ERP	Electronic Road Pricing

EPA	Economic Partnership Agreement
EPC	Engineering, Procurement, Construction
EPU	Economic Planning Unit
E/S	Engineering Service
EU	European Union
E-W	East-West
FDI	Foreign Direct Investment
FG	Flagship Project
F/S	Feasibility Study
FSRU	Floating Storage Regasification Unit
FTP	Fast-Track Project
GCA	Government Contracting Agency
GDP	Gross Domestic Product
GOI	Government of Indonesia
GOJ	Government of Japan
GRDP	Gross Regional Domestic Product
HPP	Hydroelectric Power Plant
HVDC	High Voltage Direct Current
IDR	Indonesian Rupiah
IIF	Indonesia Infrastructure Finance
IIGF	Indonesia Infrastructure Guarantee Fund
IPB	Institut Pertanian Bogor (Bogor Agricultural University)
IPC2	Second Indonesia Port Company
IPP	Independent Power Producer
ITB	Institut Teknologi Bandung (Bandung Institute of Technology)
ITL	Interconnection Transmission Line
JABODETABEK	Jakarta, Bogor, Depok, Tangerang, and Bekasi
JBIC	Japan Bank for International Cooperation
JETRO	Japan External Trade Organization
JICA	Japan International Cooperation Agency
JJC	Jakarta Japan Club
JORR	Jakarta Outer Ring Road
JPY	Japanese Yen
JUTPI	JABODETABEK Urban Transportation Policy Integration
KP3EI	Komite Percepatan dan Perluasan Pembangunan Ekonomi Indonesia (The Committee for Indonesian Economic Development Acceleration and Expansion)
LA	Loan Agreement
LARAP	Land Acquisition and Resettlement Action Plan
LNG	Liquefied Natural Gas
LKPP	Lembaga Kebijakan Pengadaan Barang/Jasa Pemerintah (National Public Procurement Agency)
MEMR	Ministry of Energy and Mineral Resources
MIGA	Multilateral Investment Guarantee Agency
MOA	Ministry of Agriculture
MOE	Ministry of the Environment
MOF	Ministry of Finance
MOPH	Ministry of Public Housing
MOPW	Ministry of Public Works

MOT	Ministry of Transportation
MOU	Memorandum of Understanding
MP3EI	Masterplan Percepatan dan Perluasan Pembangunan Ekonomi Indonesia (Master Plan for the Acceleration and Expansion of Indonesian Economic Growth)
MPA	Metropolitan Priority Area
MRT	Mass Rapid Transit
NARC	New Academic Research Cluster
NEDO	New Energy and Industrial Technology Development Organization
N-S	North-South
O&M, O/M	Operation & Maintenance
ODA	Official Development Assistance
P3CU	PPP Center Unit (of BAPPENAS)
PDAM	Perusahaan Daerah Air Minum (Drinking Water Regional Company)
PDF	Project Development Facility
PDPAL	Perusahaan Daerah Air Limbah (Wastewater Services Company)
PERPRES	Peraturan Presiden (Presidential Regulation)
PFI	Private Finance Initiative
PGN	Perusahaan Gas Negara (State Gas Company)
PIC	Person in charge
PIP	Pusat Investasi Pemerintah (Indonesia Investment Agency)
PJT II	Perurm Jasa Tirta II (State-owned Water Management Firm)
PLN	PT. PLN (Persero): Perusahaan Listrik Negara (State Electricity Company)
PMU	Project Management Unit
PPNPI	Perum Pelayanan Navigasi Penerbangan Indonesia (State-owned Indonesian Flight Navigation Service)
PP	Priority Project
PP	Power Plant
PPA	Power Purchase Agreement
PPP	Public Private Partnership
PQ	Pre-Qualification
PROPENAS	Program Pembangunan Nasional (National Development Program)
PTUN	Pengadilan Tata Usaha Negara (National Administrative Court)
PT SMI	PT. Sarana Multi Infrastruktur
PU	Kementerian Pekerjaan Umum (Ministry of Public Works)
RMU	Risk Management Unit
RPJM	Rencana Pembangunan Jangka Menengah (Medium Term Development Plan)
RUPTL	Rencana Usaha Penyediaan Tenaga Listrik (Electricity Power Supply Plan)
S/C	Steering Committee
SEZ	Special Economic Zones
SHIA	Soekarno Hatta International Airport
SLA	Sub-loan Agreement
SOE	State-Owned Enterprise
SPC	Special Purpose Company
TA	Transaction Advisory
T/C	Technical Committee
TEU	Twenty-foot Equivalent Unit
TOD	Transit Oriented Development
UKL-UPL	Upaya Kelola Lingkungan - Upaya Pemantauan Lingkungan (Environmental

	Management Efforts - Environmental Monitoring Efforts)
USD	US Dollar
VGf	Viability Gap Funding
WJPG	West Java Provincial Government
WWTP	Waste Water Treatment Plant

INTRODUCTION

This Final Report contains the distributed materials for the 4th MPA Steering Committee Meeting held on December 11, 2013 and the lists of MPA progress monitoring as of January 2014. These materials and lists include the following attachments:

Attachment 1: Materials for the 4th Steering Committee Meeting

The power point presentation in the meeting provided an overview of the MPA Strategic Plan, updated progress of the major 20 projects, new initiatives including the Jakarta-Bandung High Speed Train and MPA Support Facilities, and the way forward including Technical Committee's recommendation to the Steering Committee.

Attachment 2: Lists of MPA Progress Monitoring as of January 2014

The Study Team monitored the progress of all 45 projects, and updated list of MPA Flagship Projects and FTPs as of January 2014, and list of MPA FTPs and Priority Projects as of January 2014.

(i) List of MPA Flagship Projects and Fast-Track Projects (FTP) as of January 2014

This list is an update of the current progress of the 20 projects including the Flagship Projects and Fast-Track Projects as of January 2014.

(ii) List of MPA Fast-Track Projects (FTP) and Priority Projects as of January 2014

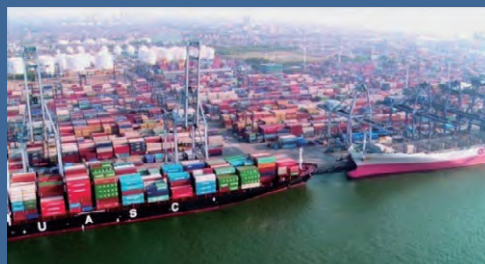
This list is an update of the current progress of the Fast-Track Projects and the Priority Projects as of January 2014.

Attachment 1

*Materials of
the 4th MPA Steering Committee Meeting*

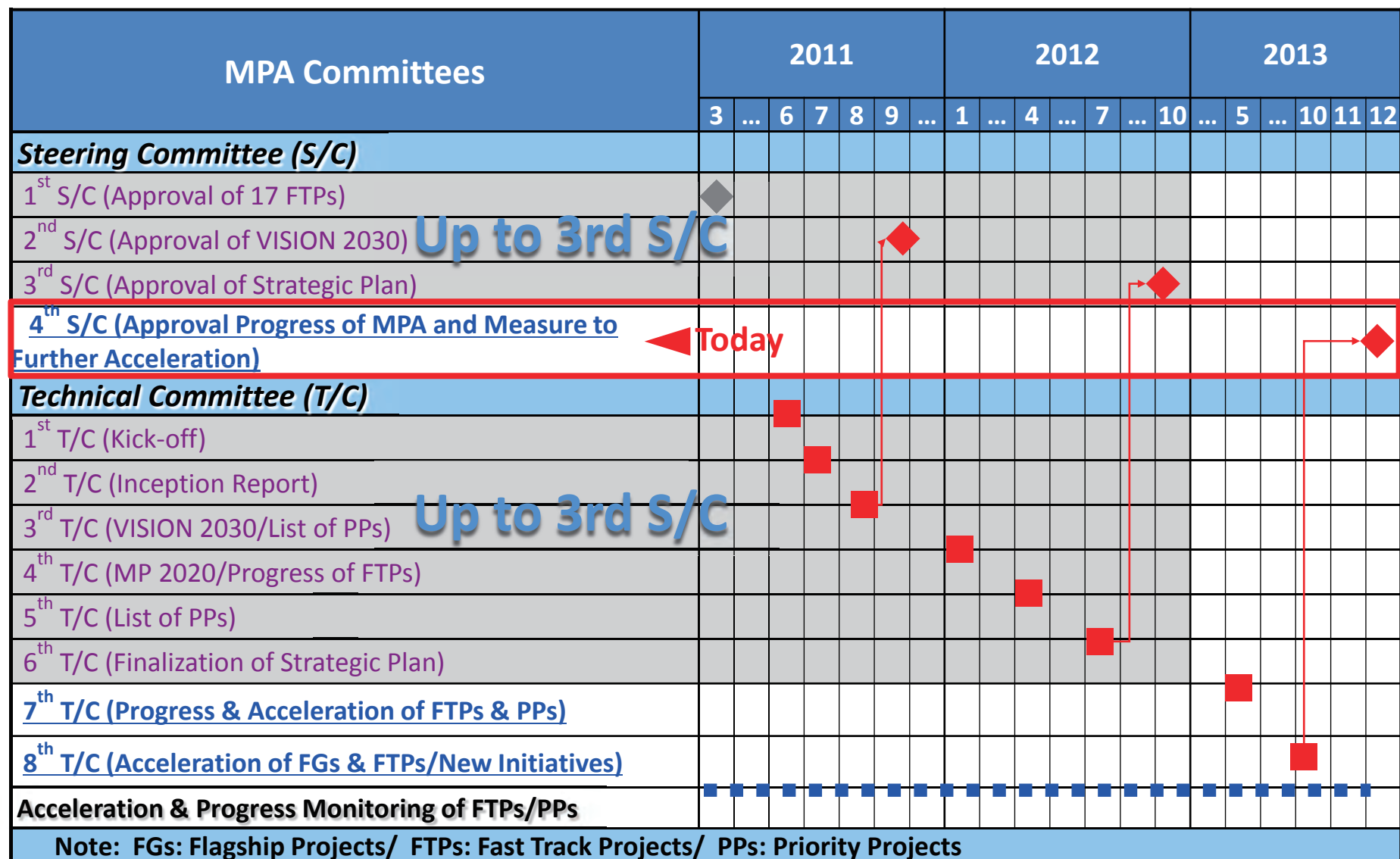
4th Steering Committee

JABODETABEK Metropolitan Priority Area (MPA)



December 2013

Chronology of MPA Strategic Plan & Progress Monitoring



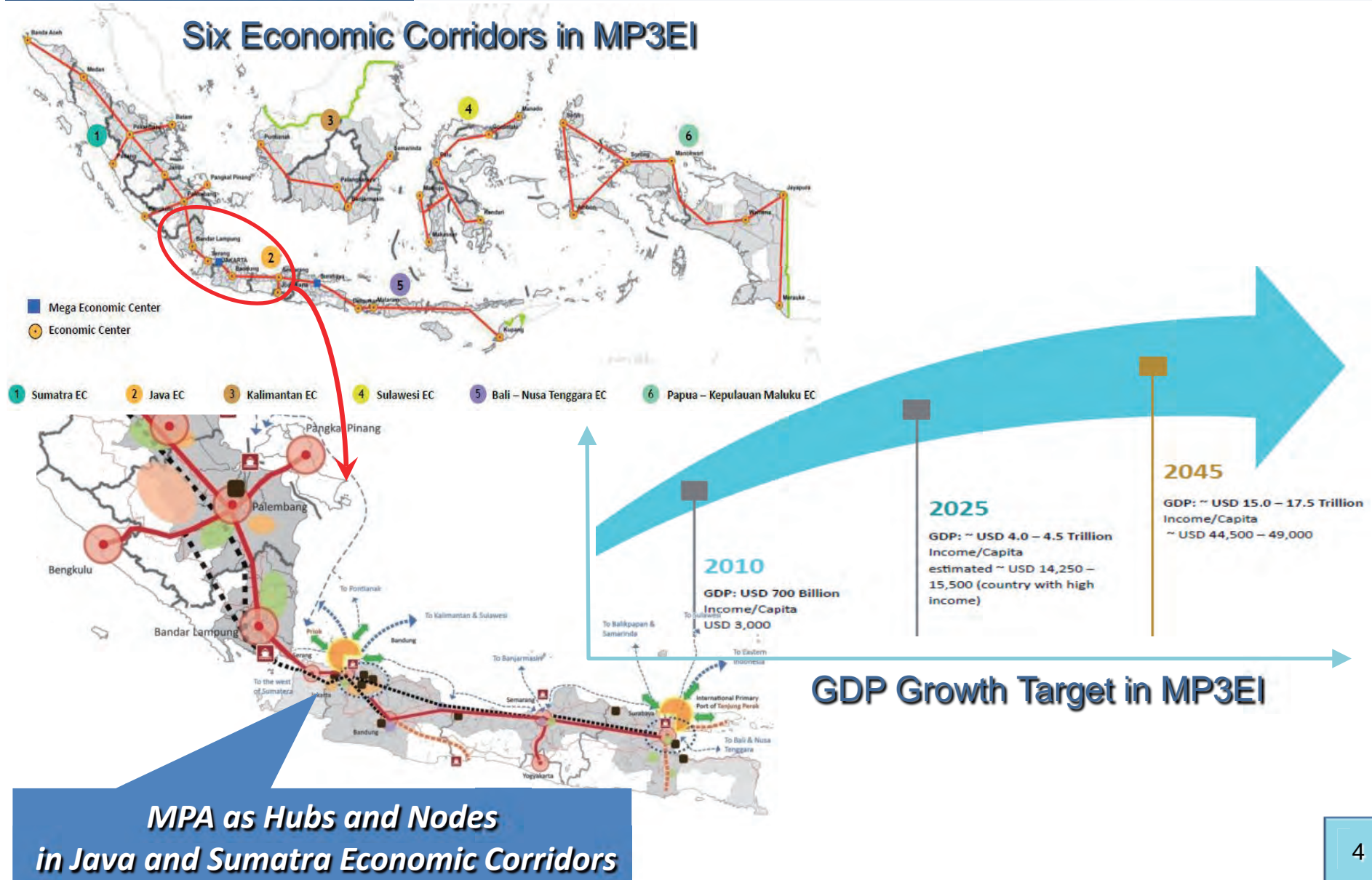
AGENDA

(Quick Overview of Strategic Plan)

- I. Updated Progress of Major 20 Projects**
- II. New initiatives (Jakarta-Bandung High Speed Train, MPA Support Facility)**
- III. The Further Way Forward
(T/C's Recommendation to S/C)**

Quick Overview of Strategic Plan

MPA in MP3EI



Quick Overview of Strategic Plan

MPA Development Vision 2030

Development Concept

High Quality of Life

- Clean
- Safe
- Smart

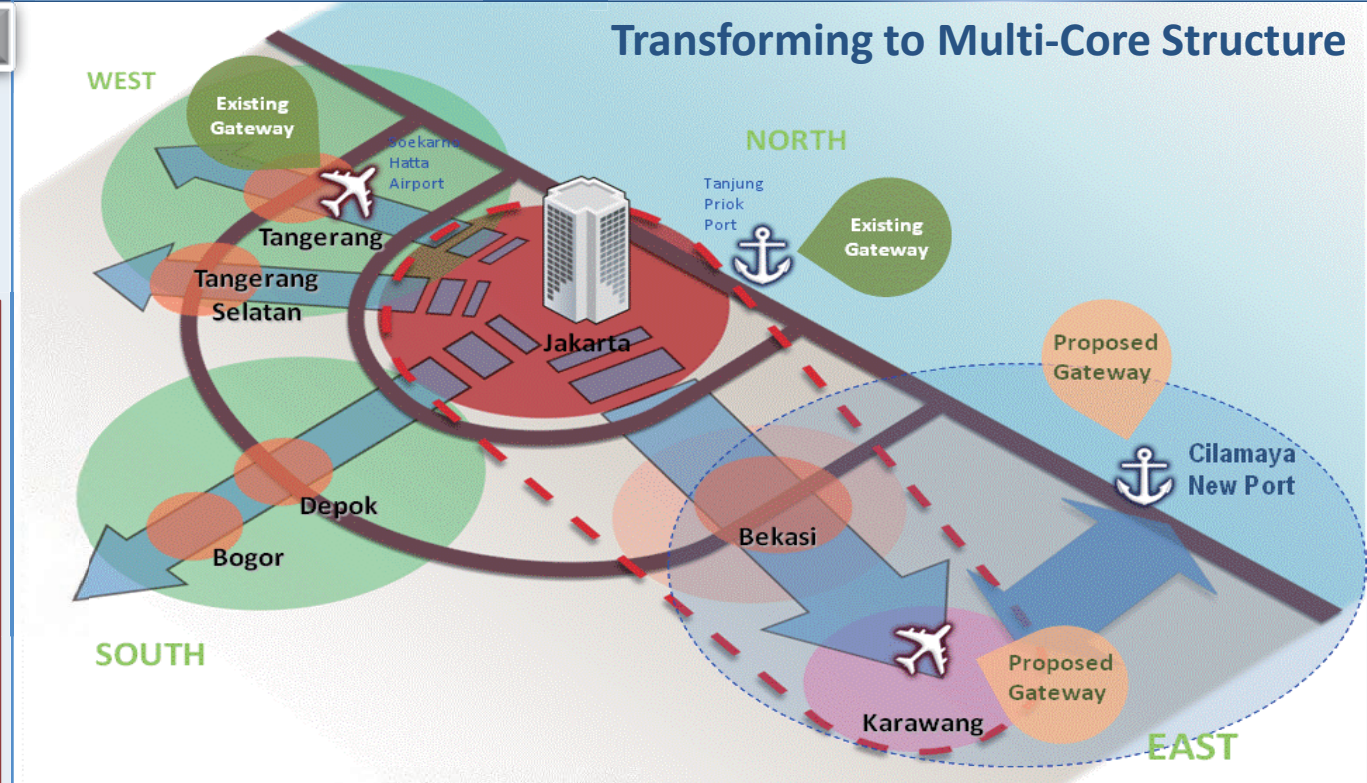
Growth

- Inclusive
- Balanced
- High value-added

Eco-Friendliness

- Low Carbon
- Energy Saving

Transforming to Multi-Core Structure



Goals

A. Better Urban Environment

B. New Growth Sub-Corridor for MPA

C. Multiple Gateway

D. Low-Carbon Energy Development

45 Projects
(incl. 5 Flagship & 18
Fast Track Projects)
Total 411,300 bill. IDR

Source: MPA Development Vision 2030 approved by 2nd S/C

Quick Overview of Strategic Plan

Flagship Projects and Fast Track Projects (“Major 20 Projects”)

Flagship project





- 1 Development of a New International Port (Cilamaya New Port Development) (FTP)
- 2 Jakarta Mass Rapid Transit (MRT) N-S I, N-S II, E-W (FTP)
- 3 Construction of Soekarno-Hatta International Airport terminals (SHIA) (FTP)
- 4 Development of Sewerage System in DKI Jakarta
- 5 Development of New Academic Research Cluster (NARC)

Fast Track project

- 6 Improvement and Expansion of Container Terminal at North Kalibaru
- 7 Smart Community (including a Pilot Project for the Smart Grid)
- 8 JABODETABEK Railways Capacity Enhancement Project (Phase I) and Further Improvement as Phase II
- 9 Enhancement of Road Network Capacity in JABODETABEK
- 10 Improvement of Road Network within the Industrial Area to the East of Jakarta
- 11 Construction of Access Railway to Soekarno-Hatta International Airport
- 12 DKI Jakarta-Bekasi-Karawang Water Supply (Jatiluhur)
- 13 Construction of the West Java Regional Solid Waste Treatment
- 14 Reconstruction of East Pump Station at Pluit
- 15 Construction of Java-Sumatra Interconnection Transmission Line (ITL)
- 16 Construction of Indramayu Coal-Fired Power Plant
- 17 Development of Banten Coal-Fired Power Plant
- 18 Development of Gas-fired Power Plant and FSRU (Floating Storage Regasification Unit)
- 19 Development of Rajamandala Hydroelectric Power Plant
- 20 Development of Central Java Coal-Fired Power Plant

I. Updated Progress of Major 20 Projects

1. Progress

Indicator	# of achieved projects		Project Names	
	MPA 3 rd S/C	MPA 4 th S/C	MPA 3 rd S/C	Progress after MPA 3 rd S/C
F/S (Pre-F/S) Completion	16  <div>Progressed</div>	17	(FG) (FTP) Cilamaya New Port (FG) (FTP) Jakarta MRT (FTP) North Kalibaru (FTP) Smart community (FTP) JABODETABEK Railways (FTP) JABODETABEK Road (FTP) Road within industrial area (FTP) Jatiluhur water supply (FTP) West Java waste treatment (FTP) East Pump Station at Pluit (FTP) Java-Sumatra HVDC (FTP) Indramayu PP (FTP) Banten PP (FTP) Gas-fired PP and FSRU (FTP) Rajamandala HPP (FTP) Central Java	+ (FG) Sewerage system in DKI 
Finance Arrangement	4  <div>Progressed</div>	7	(FG) (FTP) Jakarta MRT (N-S I (I)) (FTP) North Kalibaru (FTP) East Pump Station at Pluit (FTP) Java-Sumatra HVDC (I)	+ (FTP) Smart community + (FG) Sewerage system in DKI (E/S) +(FTP) JABODETABEK Railways
Commencement of Works	2  <div>Progressed</div>	4	(FTP) North Kalibaru (FTP) East Pump Station at Pluit	+(FG) (FTP) Jakarta MRT (N-S I(I)) +(FTP) Smart community

2. Highlighted Progress

(1) F/S (Pre-F/S) completed

- Sewerage system in DKI Jakarta
- 2 FTP's F/S on-going (NARC and Access Railway to SHIA (Express way))

(2) Finance arrangement

- Financial arrangement of Japan's ODA with the total of 113 billion JPY already accomplished.
- The following three projects are newly arranged:
 - Smart community (NEDO projects)
 - Sewerage system in DKI Jakarta (E/S), JABODETABEK Railways (Japan's ODA Loans pledged by Government of Japan (GOJ) in Oct. 2013)
- Pre-request of Japan's ODA loans for the following projects already submitted from Government of Indonesia (GOI) to GOJ with the amount of 143 billion JPY. Official finance request is required for:
 - MRT N-S I (II), MRT E-W (E/S), Java-Sumatra HVDC (II), and Cilamaya (E/S)

(3) Commencement of Works

- Jakarta MRT N-S I (I)
- North Kalibaru Container Terminal
- Smart community
- East Pump Station at Pluit



MRT N-S I (I)



North Kalibaru Port



East Pump Station at Pluit

Flagship project

- Cilamaya New Port : Finance pre-request (E/S) of Japan's ODA loan submitted to GOJ
- Jakarta MRT N-S I (I) : Commencement of Works
- SHIA : Commencement of Works (Terminal)
- Sewerage system in DKI: GOJ already pledged Japan's ODA loan for E/S.
- NARC : Feasibility Study on-going (expected to be completed by early 2014)

3. Progress of Jakarta Mass Rapid Transit (MRT)

Flagship project

(1) Progress of North-South Line

- ▶ Phase I (Lebak Bulus-Bundaran HI)
 - Constructions of Underground Sections started
 - Preparatory work on-going for Elevated Sections
 - Bidding process on-going for Rolling Stocks and E&M Packages
- ▶ Phase II (Bundaran HI-Kampung Bandan)
 - GOI has discussed to utilize available fund under Phase I for Engineering Services.



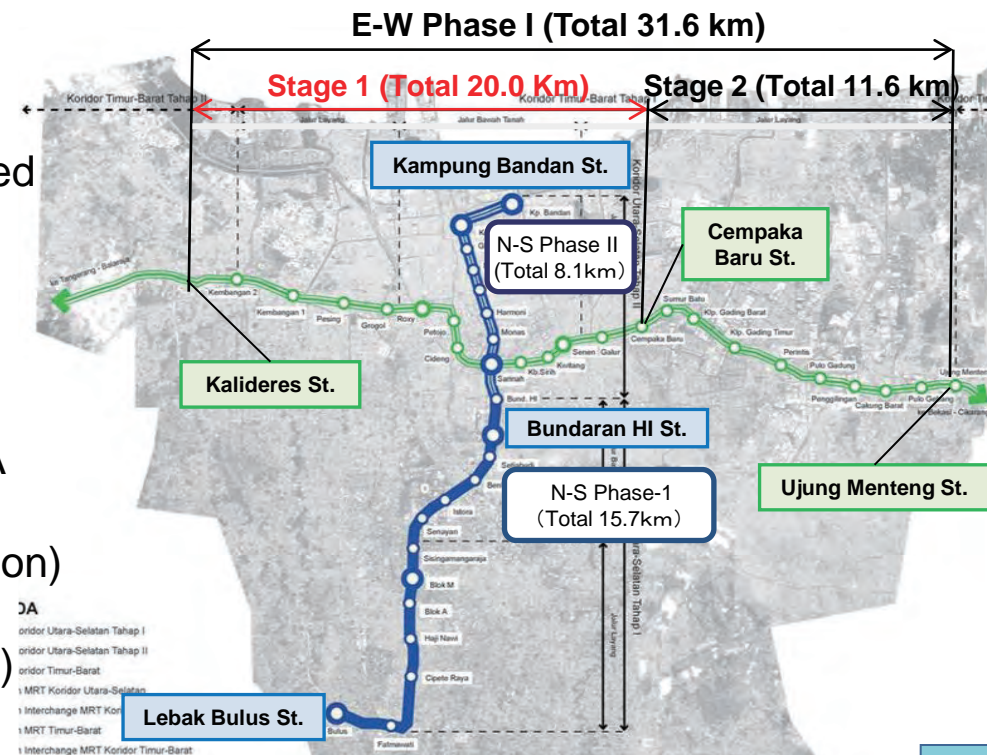
Ground Breaking Ceremony at Dukuh Atas (October, 2013)

(2) Progress of East-West Line

- Scope of Engineering Services (E/S) agreed
- GOI submitted Finance Pre-Request (E/S) of Japan's ODA loan.

(3) Further acceleration

- N-S:
 - ✓ Official Finance Request of Japan's ODA loan for the remaining portion of Phase I
 - ✓ Listing on Blue Book (Phase II Construction)
- E-W:
 - ✓ Official Finance Request (E/S of Phase 1) of Japan's ODA loan
 - ✓ Listing on Blue Book for Construction



(Note: E-W Project consists of Phase I (DKI) and Phase 2 (West Java and Banten)).

4. Progress of Cilamaya New Port

Flagship project

(1) Progress

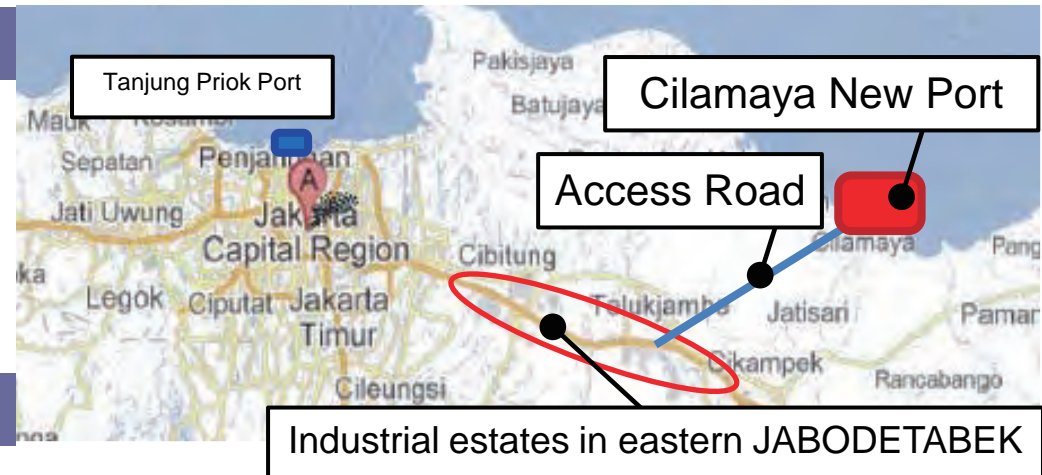
- ▶ Masterplan completed
- ▶ Feasibility Study completed and supplemental study currently on-going
- ▶ GOI submitted Finance Pre-Request for Engineering Services in April, 2013

(2) Impact on Indonesian Economy

- ▶ Strengthen the export capacity
- ▶ Promote foreign investment

(3) Advantage of “Multiple Seaport Development”

- ▶ Increase of attractiveness to industrial users: good end-to-end transport time and competitive services
- ▶ Improvement of general road condition: reduce traffic flow into Jakarta
- ▶ Reduction of capacity shortage risk: diversified port construction completion risk and availability of alternative port location during crisis (such as vessel accident or road flooding)



(4) Benefit to MPA Logistics

- Shorten transit time to Port
- Increase terminal capacity
- Increase options to select shipping services

(5) Further acceleration

Early commencement of operation in Cilamaya is necessary to accommodate increasing cargo handling capacity and increasing road traffic.

- ▶ Coordination for settlement of issues including port location and route selection of access road
- ▶ Official Finance Request (E/S) of Japan's ODA loan

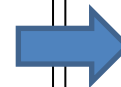
II. New Initiatives

1. F/S of Java High Speed Railway (Jakarta-Bandung)

(1) TORs

Phase I

1. Basic Technical/Engineering Analysis:
Demand Forecast, Alternative Analysis (incl. Basic Spec ("Shinkansen")) and Alignment Plan
2. Preliminary Analysis:
 - Cost Estimation
 - Economic and Financial Analysis
 - Financial Scheme
 - Environmental and Social Consideration



Phase II

1. Detailed Technical/Engineering Analysis
2. Detailed Analysis:
 - Cost Estimation
 - Project Implementation and O/M Structure
 - Financial Scheme
 - Economic and Financial Analysis
 - Environmental and Social Consideration

(2) Schedule

Phase I: January 2014-April 2015

Phase II: 2015- 2016 (tentative)

(3) GOI's action(by the end of Phase I)

- To establish Project Management Unit (PMU) for F/S(prior to the commencement of Phase I)
- To confirm "Alignment" and "Basic Spec" (at the middle of Phase I)
- To assign E/A for the Project (incl. establish or appoint state-owned enterprise)
- To confirm the schedule and budget allocation for Environmental and Social consideration
- To confirm Financial Scheme
- To update Blue Book for Engineering Services request(if necessary)
- To submit official finance request of Japan's ODA loan for Engineering Services



II. New Initiatives

2. MPA Support Facility

(1) Objective

To support the realization of MPA (+MP3EI) infrastructure projects by providing expert advisory service for Infrastructure policy refinement, project development and project implementation

(2) Component

(a) Infrastructure Policy Advisory

(b) Pre-FS & PDF Facility

- Provide Pre-F/S and PDF to increase the readiness of the MPA (+MP3EI) infrastructure projects

Pre-FS: PPP and Non-PPP Projects

PDF: PPP projects

-Candidate projects for 1st Batch:

PDF: Cilamaya New Port, Jakarta Sewerage

(c) Debottlenecking Support

(3) Schedule

- ▶ 2013.12 (4th MPA S/C): G to G Agreement
- ▶ 2014. 6: Consultant Service In

(Ref) "Connectivity Development Policy Loan" (Japanese ODA loan, Amount: 200 Mil USD, E/N Signing Date: Nov. 29, 2013)

<Coverage of MPA Support Facility>

PPP Project	Public Financed Project
(1) Pre-F/S	(1) Pre-F/S and/or F/S
(2) Project Development Facility (PDF)	
(3) Transaction Advisory (up to Financial Close)	(2) Financial Close or Own Budget
(4) F/S and Construction	(3) Consulting Services and Construction

III. The Further Way Forward

T/C's Report to S/C to Confirm and Welcome:

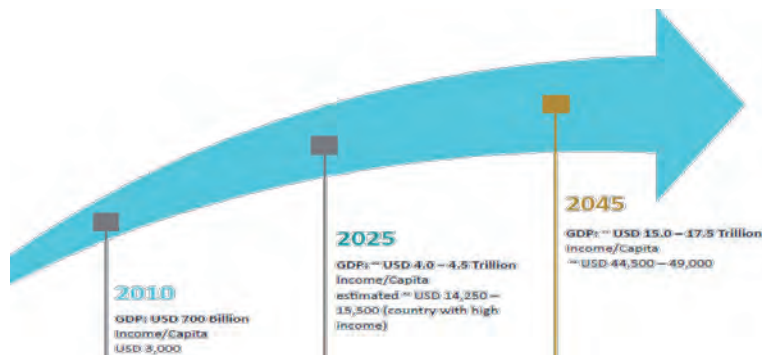
1. Remarkable progress of major projects, in particular with the ground-breaking of MRT N-S project;
2. Financial arrangement of Japan's ODA with the total of 113 billion yen and the total of 143 billion yen finance pre-request has been submitted to GOJ;
3. Enhanced collaboration to accelerate the project preparation of Cilamaya New Port;
4. Japanese commitment to start F/S of Jakarta Bandung High Speed Train;
5. Extensive efforts in designing the MPA support facility.

T/C's Recommendation to S/C

1. To further accelerate the implementation of major projects so as to commence operation by 2020;
2. To prepare the financial arrangement in a responsive manner for seamless implementation of major projects;
3. To promote the preparation and implementation of Cilamaya New Port so as to commence operation by 2020;

T/C's Recommendation to S/C

4. To confirm the launch of MPA support facility aiming to produce bankable projects;
5. To enhance the consultation of the effective policy/institution for PPP projects;
6. To oversee implementation of F/S of Jakarta Bandung High Speed Train along with the institutional development of GOI;
7. To continue to hold S/C and T/C regularly to monitor the progress of MPA projects.



Attachment 2

Lists of

MPA Progress Monitoring as of January 2014

Progress Monitoring of Flagship and Fast Track Projects (Summary)

(As of January 2014)

= Progress after 7th T/C (May 2013)

Achieved Progress as of January 2014								
ID	Funding Scheme	Project Title	(1) F/S Started	(2) F/S Completed	(3) Financial Scheme Agreed	(4) Finance Arranged	(5) Bid Started	(6) Commencement of Works
Flagship Projects								
(2) FTP 1.2	PPP	Development of a New International Port (Cilamaya New Port Development) & Construction of Access Road To New Cilamaya Seaport		(F/S on-going)				
(4) FTP 3.1	Public	Jakarta Mass Rapid Transit (MRT) North-South Line Phase I (N-S I), North-South Line Phase II (N-S II), East-West Line (E-W)			N-S I(II) & E-W(E/S) not yet			(N-S I)
(9) FTP 5.2		Construction of Soekarno-Hatta International Airport (SHIA)						
	Public (SOE)	Revitalization of Soekarno-Hatta International Airport (SHIA) Terminals						
	Public (SOE)	Expansion of Soekarno-Hatta International Airport (SHIA) Runway						
(19) P.P	PPP (Zone 1)	Development of Sewerage System in DKI Jakarta						
	Public (Zone 6)							
(20) P.P	PPP	Development of New Academic Research Cluster						
Fast Track Projects								
(1) FTP 1.1	Public (SOE)	Improvement and Expansion of Container Terminal at North Kalibaru						
(3) FTP 2.1	Private	Smart Community (Including a Pilot Project for the Smart Grid)			Bid Started	Finance Arranged	MOU between ESDM & NEDO	
(5) FTP 3.2	Public	JABODETABEK Railways Capacity Enhancement Project (Phase I)						
		Improvement of Road Network in JABODETABEK						
(6) FTP 4.1	Public	Enhancement of Road Network Capacity in JABODETABEK						
(7) FTP 2.2	Public	Improvement of Road Network within the Industrial Area to the East of JAKARTA						

= Progress after 7th T/C (May 2013)

ID	Funding Scheme	Project Title	Achieved Progress as of January 2014					
			(1) F/S Started	(2) F/S Completed	(3) Financial Scheme Agreed	(4) Finance Arranged	(5) Bid Started	(6) Commencement of Works
(8) FTP 5.1		Construction of access railway to Soekarno-Hatta International Airport						
	SOE	Commuter Service					Bid Started	
	PPP	Express Service	Pre F/S Started	Pre F/S Completed	Financial Scheme Agreed	Bid Started	Finance Close	
(10) FTP 6.1	PPP	DKI Jakarta-Bekasi-Karawang Water Supply (Jatiluhur)						
(11) FTP 7.1	Public	Construction of the West Java Regional Solid Waste Treatment						
(12) FTP 8.1	Public	Reconstruction of East Pump Station at Pluit						
(13) FTP 9.1	Public (SOE)	Construction of Java-Sumatra Interconnection Transmission Line			[Phase II not yet]			
(14) FTP 9.2	Public (SOE)	Construction of Indramayu Coal-fired Power Plant						
		Engineering Service						
		Construction						
(15) FTP 9.3	IPP	Development of Banten Coal-fired Power Plant				Bid Started	Finance Arranged	
(16) FTP 9.4	PPP	Development of Gas-fired Power Plant and FSRU (Floating Storage Regasification Unit)				Bid Started	Finance Close	
(17) FTP 9.5	IPP	Development of Rajamandala Hydroelectric Power Plant			Bid Started	Financial Scheme Agreed	Finance Close	
(18) FTP 9.6	PPP (IPP)	Development of Central Java Coal-fired Power Plant			Bid Started	Financial Scheme Agreed	Finance Close	

LIST OF FAST-TRACK PROJECTS (FTPs) AND PRIORITY PROJECTS

Attachment 2 - 2

(As of January 2014)

I. FTPs + Jakarta Sewerage + New Academic Research Cluster						
PROJECT NAME	PROJECT DESCRIPTION			CURRENT STATUS		
	DESCRIPTION	COST (BIL. IDR)	FUNDING SCHEME	Challenges & Necessary Actions raised at 3rd SC		
(1) Improvement and Expansion of Container Terminal at North Kalibaru as FTP 1.1	The project aims to increase the container handling capacity to meet with the increasing demands. The location for expanding the international container terminal at Tanjung Priok is in North Kalibaru.	24,000	Public (SOE)	(1) Conduct DED and EIA Study by Pelindo II	-	-
				(2) Commencement of Construction Work	Construction works for Terminal 1 Phase I had commenced in March 2013.	March 2013
(2) Development of a New International Port as FTP 1.2 and (35) Construction of Access Road to New Cilamaya Seaport [Flagship Project]	(Port) This project is to develop a new international port at off Cilamaya Coast in West Java Province. The new international port is planned to develop off shore reclamation land located in Cilamaya. (Access Road) New access road will connect the existing Jakarta-Cikampek Toll Road and the New Cilamaya Seaport.	14,900	PPP	(1) Feasibility Study and Preparation of EIA	Master plan completed. The FS by JICA is ongoing.	-
				(2) Listing on Blue Book and Finance Request (Engineering Services)	Engineering Services (E/S) for Cilamaya Port and Access Road Development has been listed in the Blue Book	November 2012
				(3) Decision regarding the Executing Agencies of the Port and Toll Road	Finance Pre-request for E/S was submitted from GOI to GOJ	April 2013
		5,900	PPP	(4) Confirmation of Alignment of Access Road	Executing agencies for the Port and the Access Road has been decided.	December 2012
				(5) Execution of Land Acquisition	Final decision by the Government of Indonesia for the alignment and the structure of Access Road and Freight Railway to Cilamaya Port has not been concluded yet	-
				(6) Settlement of Demarcation between Public and Private	Preparatory work is on-going under JICA F/S	-
				(7) Government Guarantee for Work Completion of Public Portion	Preparatory work is on-going under JICA F/S	-
(3) Smart Community (including a pilot project for the Smart Grid) as FTP 2.1	This project aims at the spread of technologies of clean energy, so-called "Smart Community". Main target are stabilization of the whole industrial estate power system independent of individual factories, reduction of CO2 by energy conservation and peak shift by energy management system.	300	Private	Signing of MOU between NEDO and Directorate General EBTKE of MEMR (New Renewable Energy and Energy Conservation of Ministry of Energy and Mineral Resources)	Directorate General EBTKE of MEMR and NEDO signed the MOU on July 15, 2013.	July 2013
(4) Jakarta Mass Rapid Transit (MRT) N-S I, N-S II, E-W as FTP 3.1 [Flagship Project]	The project is to introduce a rail-based mass rapid transit (MRT) System in Jakarta. The first priority was given to the Jakarta MRT North-South Line and the second priority is East-West Line. The North-South Line is divided into two sections, Phase I (Lebak Bulus-Bundaran HI) and Phase II (Bundaran HI-Kampung Bandan).	33,300	Public	N-S I (1) Completion of Land Acquisition (2) Contract signing of construction works, rolling stocks and E&M (3) Commencement of Operation (2016)	N-S I (1) Land acquisition is ongoing for N-S I (II). - Depot at Lebak Bulus. - Elevated part between Lebak Bulus and Sisingamangaraja. (2) Bidding process is ongoing for the rolling stock and E&M packages. (3) Operation has not yet commenced. - Construction of underground section started in October 2013. - Preparatory work is ongoing for elevated sections. - N-S I(II) is listed in the blue book in November 2012 and financial pre-request was submitted to GOJ in March 2013.	-
				N-S II (1) Listing on Blue Book and Finance Request for construction (2) Approval of LARAP and Land Acquisition (3) Commencement of Operation (2018)	N-S II (Engineering Services) Procurement of E/S consultant has not yet started. N-S II Construction (1) Not yet listed in the blue book. (2) Land Acquisition and Resettlement Action Plan (LARAP) and land acquisition are not yet completed.	-
				E-W (1) Listing on Blue Book and Finance Request for ES and Construction for E-W (2) Coordination among Relevant Government Entities regarding Implementation Structure (3) Commencement of Operation (2020)	E-W (1) E-W Engineering Services (Phase 1) was listed in the Blue Book in November, 2012. Finance Pre-Request was already submitted in May 2013. (2) Implementation Structure of E/S (Phase 1) is not yet finalized (3) Operation is not commenced yet.	-

(5) JABODETABEK Railways Capacity Enhancement Project (Phase I) as FTP 3.2 and Further Improvement as Phase II	The project is to improve present commuter railway system in JABODETABEK. Procurement of rolling stock and improvement of railway facilities to remove bottlenecks regarding the railway operation for short-term plan of capacity enhancement as Phase I (FTP3.2) Further improvement would be implemented as Phase II.	8,300	Public	(1) Listing on Blue Book and Finance Request	Listed in the Blue Book in November, 2012 and Formal Finance Request was submitted to GOJ in September, 2013	September 2013
				(2) Commencement of Construction	Construction is not yet commenced.	-
				(3) Acceleration of Land Acquisition for Depok Workshop Area	Depok Workshop was excluded from the project scope.	-
(6) Improvement of Road Network in JABODETABEK-Enhancement of Road Network Capacity in JABODETABEK as FTP 4.1	This project aims to alleviate the traffic congestion at heavily congested intersections and railway crossings on major road networks in JABODETABEK, through the realization of construction of grade separated intersections and other at-grade countermeasures.	1,900	Public	(1) Approval of EIA	AMDAL of Kuningan and UKL/UPL process for all lanes is ongoing.	-
				(2) Listing on Blue Book and Finance Request	- Already listed in the Blue Book-Revised (FTP4.1 and FTP 2.2 are combined as one loan) (November, 2012) - Finance Pre-Request has not been submitted yet	-
				(3) Commencement of Construction	Construction is not yet commenced.	-
				(4) Others	F/S was completed.	March 2012
(7) Improvement of Road Network in JABODETABEK-Improvement of Road Network within the Industrial Area to the East of Jakarta as FTP 2.2	This project aims to alleviate the traffic congestion in Cikarang area through the improvement of road network by constructing flyover and bridges, and upgrading of the existing roads.	200	Public	(1) Approval of EIA	UKL/UPL process for all lane is on-going	-
				(2) Listing on Blue Book and Finance Request	- Already listed in the Blue Book-Revised (FTP4.1 and FTP2.2 are combined as one loan) (November, 2012) - Finance Pre-Request has not been submitted yet	-
				(3) Commencement of Construction	Construction is not yet commenced.	-
				(4) Others	F/S was completed	March 2012
(8) Construction of Access Railway to Soekarno-Hatta International Airport as FTP 5.1	The project aims to improve access to the Soekarno-Hatta International Airport with reliable and fast railway system. It includes Express Service on dedicated elevated track and Commuter Service using the existing track.	12,500	SOE	<u>Commuter Line</u> (1) FS, DED with EIA and LARAP	<u>Commuter Line</u> : - F/S and detailed engineering design (DED) were completed by PT.KAI in April 2013. - Railway alignment was agreed between PT KAI and MOT in April 2013.	April 2013
			PPP	<u>Express Line</u> (1) F/S, Basic Design, EIA and LARAP (2) Execution of Land Acquisition (3) Governmental Guarantee for Work Completion of Public Portion (4) Others	<u>Express Line</u> : (1) PT. SMI completed Pre-FS and submitted to MOT, and EIA and LARAP are on-going (2) Land acquisition has not yet started.	-
					(3) Government guarantees the work completion of the public portion and is covered by the Indonesia Infrastructure Guarantee Fund (IGF).	-
					(4) RUTRW (General Spatial Planning) is not yet revised.	-
(9) Construction of Soekarno-Hatta International Airport as FTP 5.2 (Revitalization of Soekarno-Hatta International Airport terminals) (Expansion of Soekarno-Hatta International Airport) [Flagship Project]	(Revitalization of Soekarno-Hatta International Airport terminals) The project is to expand the present Soekarno-Hatta International Airport to solve the current constraint on airport operation such as limited capacity of passenger terminal buildings and other relevant facility.	16,400	Public (SOE)	<u>Terminal</u> (1) Commencement of Tendering for Construction Work	Construction works for the expansion of the 3rd Terminal were commenced by Kawahapeja Consortium (led by PT. Wijaya Karya).	March 2013
	(Expansion of Soekarno-Hatta International Airport) The project is to develop the third runway to expand the Soekarno-Hatta International Airport.	1,000	Public (SOE)	<u>Runway</u> (1) Land Acquisition	170 ha of land is acquired out of 1000 ha for the 3rd Runway	-

(10) DKI Jakarta – Bekasi – Karawang Water Supply (Jatiluhur) as FTP 6.1	This project is to supply bulk water to DKI Jakarta, Bekasi city/regency and Karawang regency. Treated bulk water will be supplied from a water treatment plant to be constructed at downstream of Jatiluhur dam.	4,400	PPP	(1) Land Acquisition for Pipeline Alignment	The required land has been acquired due to the fact that the land owner is Perum Jasa Tirta II (PJT II).	2012
				(2) Agreement between GOI and Local Government regarding a) Implementation Framework b) Bulk Water Purchasing Price for Off-Taker (PDAMs)	a) Implementation Framework was already agreed between GOI and Local Government. PJT II was appointed by Minister of Public Works to be an executing agency under supervision of BPPSPAM. b) Bulk Water Purchasing Price for Off-Taker (PDAMs) is not agreed yet. MOU is under discussion and targeted to be signed in the end of January 2014 among PJTII and Local Governments.	-
				(3) Financial Arrangement	Financial is not arranged yet.	-
(11) Construction of the West Java Regional Solid Waste Treatment as FTP 7.1	This project is to provide the intermediate treatment and final disposal facilities for solid waste management in Bogor city and regency and Depok city. Solid waste is transported from Bogor city and regency and Depok city to new solid waste treatment and solid waste from Bandung is transported to Legok Nangka.	1,000	Public	(1) Listing on Blue Book and Finance Request (2) Determination of Project Scope, Implementation Framework, Financial Arrangement, etc	(1) Already Listed in the Blue Book - Revised (November 2012) for Nambo location/ Currently solid waste at Nambo is treated by PT. Semen Cibinong as bio-energy. Other location proposed by MOPW is in Legok Nangka but not listed yet in the Blue Book. MOPW has submitted the readiness criteria to BAPPENAS as a condition for admission to be listed in it. (2) There is no conclusive agreement among stakeholders regarding Legok Nangka.	-
				(3) Approval of EIA	EIA (AMDAL) has been approved by Regent of South Bandung (information from BPSR - Regional Waste Management Agency)	October 2012
(12) Reconstruction of East Pump Station at Pluit as FTP 8.1	This project is to reconstruct the pump house, located in the downstream area of basin, in order to mitigate the flood inundation in Central Jakarta and ensure that the capital city is able to keep its normal function.	200	Public	(1) Monitoring of Construction Work (2) Commencement of Operation	Construction is on-going. Construction is expected to be completed in November, 2014.	-
(13) Construction of Java-Sumatra Interconnection Transmission Line as FTP 9.1	The construction of 500 kV HVDC overhead transmission line, submarine cable, converter/inverter and switching station between Bogor West Java Province and Muara Enim South Sumatra Province, in order to interconnect the Java System with the Sumatra System.	19,700	Public (SOE)	(1) Listing on Blue Book and additional Finance Request	(1) Already Listed in the Blue Book-Revised (Phase II only) (2) Phase II financial scheme is agreed (finance by JICA and PLN)	-
				(2) Completion of Land Acquisition before starting Construction Work	Preparatory works (survey and public consultation) for land acquisition is on-going by PLN for transmission line alignment and converter station.	-
				(3) Approval of Sub-loan Agreement for Construction	Total required amount is USD 2.2 bil; Phase I: SLA concluded for USD 450 mil in March 2013. Phase II: SLA has not been made for USD 750 mil. Remaining balance: PLN committed to endorse the remaining USD 1.2 bil for financing.	-
				(4) Commencement of Construction Work (5) Completion of Construction	-	-
(14) Construction of Indramayu Coal-Fired Power Plant as FTP 9.2	One unit of Coal-fired Power Plant with Ultra Super-Critical (USC) steam condition technology and relevant facilities will be constructed in Indramayu, West Java Province, while the 500kV transmission line from Indramayu to Cibatu substation will be installed.	20,400	Public (SOE)	(1) Listing on Blue Book and Finance Request (Construction)	- The project has been listed in the Blue Book (Phase I only) - Pre- Finance Request for Loan Stage I has not been submitted yet	-
				(2) Conclusion of Sub-Loan Agreement and L/A (Construction) between GOI and JICA	- Since EIA(AMDAL) has not been approved, Sub-Loan Agreement and L/A might be delayed.	-
				(3) Commencement of Construction Work (4) Commencement of Operation	-	-

(15) Development of Banten Coal-Fired Power Plant as FTP 9.3	One unit of Coal-fired power plant will be installed in Banten by Malaysian Concessionaire.	8,600	IPP	--	(1) Financial close has been achieved on October 8 2013 (2) Construction has started and land clearing has been completed. Based on PPA, construction period will be 45 months while the Developer has a target to complete within 3.5 years (42 months). (3) NTP (Notice to proceed) was issued for land handover by PT. Banten Lestari Energy to contractor (Harbin Electric Int'l Co.Ltd) on October 25, 2013	October 2013
				Commencement of Operation	-	-
(16) Development of Gas-fired Power Plant and FSRU (Floating Storage Regasification Unit) as FTP 9.4	Development of a new FSRU (Floating Storage Regasification Unit) or LNG receiving and re-gasification terminal as well as Combined Cycle Power Plants in Java in addition to the existing FSRU.	10,700	PPP or IPP	(1) Framework agreement between related parties (incl. State Owned Enterprise) (2) Government support (3) Government approval	Development of LNG fuel Combined Cycle Gas Power Plant and LNG receiving and regasification facilities (including use of existing capacity) : Detailed Feasibility Study (DFS) assessment has been in discussion with relevant government authorities and enterprises.	-
(17) Development of Rajamandala Hydroelectric Power Plant as FTP 9.5	Hydroelectric Power Station will be installed in Rajamandala.	1,300	IPP	(1) Business Viability Guarantee Letter from MOF	Multilateral Investment Guarantee Agency (MIGA) under the World Bank will issue a guarantee letter to the developer, however the No Objection Letter (NOL) from MOF is required as a formal procedure. MOF asked for an extension in issuing the NOL.	-
				(2) Power Purchase Agreement with PLN	PPA was signed by PLN and Rajamandala on Aug 20, 2013	August 2013
				(3) Others	The Ministry of Forestry issued the Borrow-to-Use Permit.	March 2013
					Financial close has not been done.	-
					Construction permit for the water resource development has not been issued yet.	-
(18) Development of Central Java Coal-fired Power Plant as FTP 9.6	Coal-fired Power Plant will be installed in Central Java.	30,100	PPP (IPP)	(1) Oct. 2013 / Finance Close (1 year delay due to land acquisition and environmental assessment process)	The project is managed by a consortium called PT Bhimasena Power Indonesia under the auspices of PT PLN. - Financial close that should be achieved on October 6, 2013 was extended to October 2014 due to incomplete land acquisition for power block location. - Extension / Amendment of PPA for 12 months has been approved by PLN and 2nd amendment of Financial Close was signed on October 4, 2013 by referring to Presidential Regulation No. 66 of 2013 - PT. BPI and BPJT (Indonesia Toll Road Authority) already agreed unofficially that PT. BPI can use the line as long as Trans Java toll road not constructed yet. In the future they will prepare MOU. - Progress of land acquisition reached more than 85%. PLN has a target to complete within April 2014.	-
				(2) Oct. 2017 / Unit 1 Commercial Operation (48months after Finance Close) (3) Oct. 2018 / Unit 2 Commercial Operation (54months after Finance Close)	-	-

(19) Development of Sewerage System in DKI Jakarta [Flagship Project]	The construction of sewerage facilities for collection and treatment of wastewater in DKI Jakarta will be conducted in line with “Wastewater Management Master Plan in DKI Jakarta” which is being formulated.	14,300	PPP (Zone 1) Public (Zone 6)	Zone 1: (1) Listing on Blue Book and Financial Request (2) Finalization of F/S and Project Scope (3) Confirmation of the Usable Land Area for Waste Water Treatment Plant (4) Formulation of Waste Water Tariff Structure to make the Project Feasible (5) Determination of Financial Source	Zone 1: (1) i) Listed in the PPP Book (April 2012) and listed in the revised Blue Book (November 2012) ii) Formal Finance Request for E/S was submitted by GOI to GOJ (September, 2013) (2) Preparatory survey (FS) completed (3) The validity of the waste water treatment plant (WWTP) location at Waduk Pluit is being examined. (4) Tariff structure was studied in the F/S and needs for further detailed discussions. (5) The financial source for construction of WWTP has not been determined. (6) The construction in advance for a part of sewerage pipeline is planned as a pilot project, which will be commenced in August 2014. The construction cost (IDR. 50 billion) will be covered by APBN (State Budget) under MOPW and the DED (6 months period) will be conducted by JICA Study.	-
				Zone 6: (1) Listing on Blue Book and Financial Request (2) Finalization of F/S and Project Scope (3) Confirmation of the Usable Land Area for Waste Water Treatment Plant (4) Formulation of Waste Water Tariff Structure to make the Project Feasible	Zone 6: (1) Listed in the revised Blue Book (November 2012) (2) Preparatory survey (FS) completed	-
(20) Development of New Academic Research Cluster [Flagship Project]	A cluster will bring people together to enhance learning, advance research, and promote collaboration to take Indonesia to a new academic level. Engineering students, medical students and other undergraduate students will work along side engineering faculty, clinicians and researchers from across the campus and around the world. An exhibition center will be established as an annex. The candidate sites are Serpong, Bekasi and Bogor.	2,800	PPP	(1) Finalization of Pre-Feasibility Study supported by METI, Japan by the end of November, 2012	Pre-F/S was completed by the Ministry of Economy, Trade and Industry (METI).	November 2012
				(2) Based upon METI Pre-Feasibility Study, the further study will be considered	PPP F/S was commenced by JICA in May 2013 and to be finalized in March 2014.	-
				(3) Formulation of Attractive Business Plan for the Private Sectors	Business plan is under study to find the applicable one.	-
				(4) Government Supports, such as Tax Holidays and/or Tax Reductions, Protection of Intellectual Properties, Priority Access to Biological Resources, and so on.	No clear regulatory / legal framework for intellectual property rights. Formulating government support required either in kind or cash. Formulating applicable financing scheme. Studying property asset on government land.	-
				(5) Listing on PPP Book	The project has not been listed on PPP Book. Since R&D excluded in the regulation on PPP and need to be amended.	-
II. 2nd Priority Projects						
PROJECT NAME	PROJECT DESCRIPTION			Challenges & Necessary Actions raised at 3rd SC	CURRENT STATUS	
	DESCRIPTION	COST (BIL. IDR)	FUNDING SCHEME			
A. BETTER URBAN DEVELOPMENT						
(21) Development of Jakarta Monorail	(Information at the time of MPA 3rd SC) Construction of the planned circular monorail has been suspended and recently DKI Jakarta has determined to cancel the project. The feasibility of the remaining section from Kuningan to Ragunan should be examined.	-	-	-	(1) Ground breaking was conducted on October 16, 2013, but Construction is pending due to uncompleted design. Main contractor is the China Communication Construction Company and subcontractor is PT. Waskita Karya.	-
					(2) Preparing feasibility of covering the technical, financial and environmental (EIA) processes	
(22) Station Plaza Development and Park & Ride System Enhancement	The Project is to improve accessibility of the citizens to the amenities located in the stations by solving congestion and to introduce multi-modal facility at the railway and MRT stations. The first priority of the development has been given to Dukuh Atas Station.	4,400	PPP	(1) Formulation of Implementation Plan, including EIA/LARAP (2) Selection of Investment Scheme	JICA PPP F/S for development of surrounding area of Dukuh Atas Station has been conducted.	March 2013
				(3) Listing on PPP Book by GoI	Project is not listed yet in PPP Book.	-

(23) Introduction of Common Ticketing System (Smart Card)	Smart cards and integrated ticketing have become widely used by public transit operators around the world. Card users may use their cards for other purposes than for transit, such as small purchases.	500	Private	(1) Coordination among Key Transportation Companies for the Operation of Smart Card, including Distribution of Card and Card-Readers.	Coordination among key transportation companies for the operation of Smart Card, including distribution of Card and Card-Readers has not been taken place.	-
				(2) Unification of Integrating Ticketing System	Unification of Integrating Ticketing System has not been taken place. However, TransJakarta applies e-Ticketing system, mirroring the concept of e-wallet (reducing/minimizing the use of cash by conversion to electronic form). This can serve as the pilot to implement the complete Common Ticketing System for all types of transportation.	
(24) Development of Jakarta Outer Ring Road	Jakarta Outer-Outer Ring Road is a planned toll road running in the outskirt of DKI Jakarta to provide detour when existing roads are congested and to contribute sub-center development in BODETABEK.	25,400	PPP	Land Acquisition for the Route of the Road with the Enforcement of New Appropriation of Land Law.	(1) One segment (Cinere-Jagorawi) is under construction. (2) Four segments out of six segments are still in the land acquisition process.	-
(25) Introduction of Intelligent Transport System (ITS) in JABODETABEK	Intelligent Transport System (ITS) aims to support a safe, smooth and pleasant transport with information technology. This includes variety of transport systems such as Electric Road Pricing (ERP), Traffic Information System (TIS) and Bus Fleet Management System (BFMS) /Bus Location System (BLS).	1,000	PPP	(1) Revision of the Local Retribution Law and the Regional Regulation of DKI Jakarta Province on ERP (2) Issuance of the Local Government Regulation on ERP	(1) There are two local regulation in term of ERP, which are for Retribution and Transportation (area to be applied ERP system). - Regulation on Transportation has been approved by the Local Parliament on December 30, 2013. - Regulation on Retribution is proposed into revision of Local Retribution Regulation. (2) Financing scheme has not been decided yet, there are 3 options: Full finance by DKI Jakarta, consortium with bank and full investment. (3) Requirements need to be stated in the Regulation: Location (route), Application Time, Tariff and Usage of tariff. (4) DKI Jakarta has made cooperation with POLDA (Local Police Authority) with regard to the Electric Registration and Identification (ERI) of vehicles.	-
				(3) Formulation of ITS Master Plan since all the relevant agencies have to coordinate to develop an integrated system.	ITS Master Plan has been already prepared.	March 2013
				(4) Others	JICA PPP F/S on ERP for deployment of its technologies to better adjust with road and society's characteristics of DKI Jakarta was started.	September 2013
(26) Pilot project of Urban Development / Re-Development	Urban re-development is crucial at the city center so as to harmonize between green open spaces and active urban functions such as business, commercial, and residential spaces. A pilot project is in the form of multi-purpose development consisting of land re-adjustment, creation of green-field and housing. Development plan of Maja area is proposed to be prioritized by concerned ministries/authorities of GoI.	2,100	PPP	<u>Urban Re-development</u>		
				(1) Listing on PPP Book by GoI (2) Formulation of Master Plan by MoPH (3) Land Acquisition by MoPH (4) Establishment of Funding Scheme with GOI's Support	The challenges and actions (1) to (4) have not been taken.	-
				(5) Others	METI F/S was completed. In METI F/S, a case study of the project at the site in the central part of DKI Jakarta was conducted. However, the study concluded that the profit from the project at the site was small for private investors.	November 2012
				<u>Urban Development (Maja)</u>		
				(1) Elaboration of Funding Scheme by MoPH	Funding scheme is not yet decided.	-
				(2) Establishment of Development Coordination Committee among MoPH and Other Concerned Ministries	Development committee was established in 2011, but it did not run well.	-
				(3) Others	(1) METI F/S was completed.	November 2012
					(2) Already listed in the Blue Book - Revised (3) Access between Jakarta and Maja has been improved through the construction of infrastructure supports: - Electrification Parung Panjang - Maja - Double Track Jakarta - Maja	-

(27) Rehabilitation of Water Distribution Facilities in DKI Jakarta, Bekasi and Karawang, with the integration of DKI Jakarta – Bekasi – Karawang Water Supply (Jatiluhur)	Rehabilitation/expansion of the facilities of the municipal water supply corporations(PDAMs) will be executed with the aim to increase sufficient water supply capacity to distribute the additional water purchased from the “DKI Jakarta – Bekasi – Karawang Water Supply (Jatiluhur)”.	1,000	PPP (PPPB2011)	Review of the Business Plan of Each PDAMs in terms of Service Expansion	The review of the business plan of each PDAMs in terms of service expansion was conducted at generic level in 2011. The detailed review is still ongoing in parallel with ongoing Pre-F/S.	-
(28) Development of Water Supply Systems for Large-scale Infrastructure Development	Large-scale infrastructure development, such as a new airport, a new industrial estate, and a new requires additional water supply systems to ensure the sustainable operation of the infrastructure. This project is the second phase of the Jatiluhur Project under item (11) including additional pipelines, water treatment plant and other water supply facilities.	4,300	PPP	(1) Study on Water Demand and Supply Plan after the Completion of Jatiluhur Project (Phase I)	Study on Water Demand and Supply Plan has not yet started, since the Jatiluhur Project (Phase I) has not started. (Water balance is under discussion among PU, CMEA and BAPPENAS but not concluded due to considering supply capacity of Jatiluhur reservoir for other ongoing project "Integrated Citarum Water Resources Management Program Project 1" financed by ADB)	-
(29) Development of New Land Fill Site at Tangerang	Introduction of solid waste treatment and disposal facility is a key for the eco-friendly city and in pursuit of making clean and green city. Construction of final disposal facilities at landfill site of about 100 ha will be provided for solid waste in the western part of JABODETABEK; namely Tangerang and South Tangerang.	600	PPP	(1) Land Acquisition of Landfill Area (2) Approval of the M/P of DKI Jakarta toward the Utilization of the New Landfill Site by DKI Jakarta (3) Establishment of Funding Scheme (4) Approval of EIA (5) Revise of MOU between Tangerang Regency and DKI Jakarta	Adjacent area to the existing Jatiwaringin landfill site is being examined by Tangerang regency as new landfill site which is designed to process waste from DKI Jakarta, South Tangerang and Tangerang city.	-
				(6) Others	Japanese investor (Arax Group) and PT. BUMI CITRA PERMAI Tbk are under preparation of MOU for joint-venture in order to establish SPC. Investment amount is estimated around JPY 6 billion.	-
(30) Development of Urban Drainage System in DKI Jakarta	The urban flood inundation damages are expanding seriously due to increase of runoff inside business and commercial area. Construction and rehabilitation of ponds, drainage channel, and pumping station and water gates and establishing the integrated operation and management system are necessary for mitigating frequent flood damage.	5,500	Public	(1) Finalization of Master Plan by DKI Jakarta.	The project Master Plan is at finalization phase by Pemda DKI Jakarta	-
				(2) Prioritization of Schemes (3) Determination of Funding Source	Determination of fixed funding source is ongoing	-
(31) Normalization of the Rivers in JABODETABEK	Frequent flooding is a serious threat to the metropolitan area. The normalization of rivers in JABODETABEK such as widening river channel, short cut and reconstruction of the bridges are required as Total Solution.	3,000	Public	(1) Finalization of Master Plan by the Ministry of Public Works	The Master Plan was prepared by the Ministry of Public Works in 1997.	1997
				(2) Prioritization of Schemes (3) Determination of Funding Source	Funding scheme was decided and national budget (APBN) would be disbursed.	-
B. NEW GROWTH SUB-CORRIDOR FOR JABODETABEK MPA						
(32) Development of New Township	New Township will be designed as a model for better urban environment, low carbon energy consumption and amenity with relaxation and entertainment. Candidate site is Karawang area.	5,600	PPP	(1) Finalization of Pre-Feasibility Study supported by METI, Japan	METI F/S was completed.	November 2012
				(2) Determination of Implementing Agency (MoPH is recommendable.) (3) Settlement of Demarcation between Public and Private Sector (4) Listing on PPP Book by GoI (5) Establishment of Funding Scheme by MoPH and Private Sectors (6) Acceleration of Land Acquisition by MoPH (7) Incentive Plan for Resident and Companies to move to New Township	Not yet completed.	-

(33) Development of New Industrial Estate in the Vicinity of the New Airport	New industrial estate will promote location of high-tech, high value and export-oriented industry with advanced logistic management systems in Karawang area.	1,700	PPP	(1) Determination of Implementing Agency. (MOI is recommendable.) (2) Settlement of Demarcation between Public and Private Sectors (3) Listing on PPP Book (4) Formulation of Development Plan by MOI referring to the Master Plan for New Airport. (5) Acceleration of Land Acquisition by MOI (6) Coordination with Other Ministries by MOI for Development of Utilities	Not yet started. The project needs to be synchronized with the development of Karawang Airport.	-
(34) Construction of Second Jakarta-Cikampek Toll Road	To expand the capacity of Jakarta-Cikampek Toll Road, a second line will be developed in parallel with the existing line.	4,800	PPP	(1) Registration of the National Spatial Plan (2) Registration of the Road Master Plan by PU	Not yet registered.	-
				(3) Listing on PPP Book by GoI	The project is not listed in PPP Book yet.	-
				(4) Implementation of Feasibility Study	Pre-F/S was completed by Ministry of Economy, Trade and Industry (METI) in February 2013	February 2013
				(5) Execution of Land Acquisition (6) Execution of Land Acquisition (Tanjung Priok-Cikarang) (7) Determination Funding Source by Private Sector	Land acquisition is not yet started and funding source is not yet determined	-
(36) Construction of Freight Railway to New Cilamaya Seaport	New freight railway will connect the existing railway line in Karawang and extended to the New Cilamaya Seaport.	3,400	Public (SOE)	(1) Registration of the National Spatial Plan (2) Registration of the Railway Master Plan by MOT (3) Implementation of Feasibility Study (4) Land Acquisition for the Freight Railway	(1) The project has not been listed in Spatial Plans (2) The project has been listed in the Railway Master Plan of MOT (3) F/S has not yet been conducted (4) Route of the freight railway has not been decided, so land acquisition is not started yet.	-
(37) Construction of Access Road to the New International Airport	New access road will connect the existing road network and the New Airport, branching off possibly from the existing Jakarta- Cikampek Toll Road.	2,200	PPP	(1) Registration of the National Spatial Plan (2) Registration of the Airport Master Plan by MOT (3) Implementation of Feasibility Study	(1) The Access Road has not been included in Spatial Plans (2) The Access Road has not been listed in the Airport Master Plan by MOT (3) The FS has not been conducted	-
(38) Construction of Jakarta - Bandung High Speed Railway via the New International Airport	Development of a high speed railway between Jakarta and Bandung that will connect with the new international airport. The section between Jakarta and Bandung is the first priority of the development. It can be extended to Cirebon via Kertajati.	39,800	PPP	(1) Registration of the National Spatial Plan (2) Registration of the Railway Master Plan by MOT (3) Implementation of Feasibility Study	(1) The project was already registered in the National Level Spatial Plan. (2) The project was already registered in the Railway Master Plan by MOT (3) Pre-F/S is already conducted. JICA started feasibility study on Jakarta - Bandung section to confirm the alignment and project viability on January 2014.	January 2014
C. MULTIPLE GATEWAYS						
(39) Development of New Car Terminal at Cilamaya Port	Car terminal will be developed in Cilamaya Port to expand the capacity for export/import of finished automobiles.	400	Private	The project will be implemented under Cilamaya Port (FTP 1.2)	The project preparation and execution phase will be aligned with the development of both Cilamaya Port and Access Road. The car terminal is included within Phase 1 of Cilamaya Port project	-
(40) Development of Logistics Park (Supporting Facilities for the New Port)	Logistics Park will be developed in New Cilamaya Port for efficient logistics in JABODETABEK.	5,800	Private	(1) Establishment of the Logistic Master Plan (2) Arrangement of the Source of Finance for Land Acquisition (3) Land Acquisition	This project depends on the finalization of Port and its Access Road.	-

(41) Expansion of Car Terminal at Kalibaru	The existing ship building yard is located in the western part of the Tanjung Priok Port. By re-developing the yard, including building a new berth and reclamation, a New 2-Berth Car Terminal will be developed.	200	Private	Monitoring of Construction Work	(1) Construction and rehabilitation of the Port Terminal for cars in Kalibaru started under the management of Pelindo 2 (2) The project is part of the ongoing Kalibaru Port development	March 2013
(42) Development of New International Airport	A new international airport will fulfill its role as the gateway to JABODETABEK and also for Indonesia. The airport will be connected by efficient access roads/railways for better connectivity and enhancement of its capacity. Potentials for the development are particularly likely in the development of a New International Airport at Karawang, (See (37) and (38)), of which functions could be harmonized with the existing Sockarno-Hatta airport development plan and other airport beyond JABODETABEK.	35,300	PPP	(1) Registration of the National Spatial Plan (including regional and local government spatial plan) (2) Registratration of the Airport Master Plan by MOT	(1)The project has been included in the Review process of National Spatial Planning in December 2013. (2) The project has been included in Ministerial Decree of Transportation No.69/2013 pertaining National Airport System, in Appendix II B, under National Airport Master plan. Karawang Airport was listed as a proposed International Airport.	-
				(3) Implementation of Feasibility Study and EIA (including assessment for national food security) (4) Governmental Guarantee for Work Completion of Public Portion (5) Settlement of Demarcation between Public and Private Sectors (6) Appointment of well-experienced Project Management Consultant (PMC)	(3) Feasibility Study for determining the financial scheme and implementation structure has not yet been conducted. Items of (4) to (6) are not examined yet.	-
D. LOW-CARBON ENERGY DEVELOPMENT						
(43) Other Renewable and Low-Carbon Emission Power Projects connecting to Java-Bali-Sumatra Power Network	Geothermal Power Plants will be installed in West Java and Central Java Province.	7,100	PPP (SOE and Private)	Finalization of Financial Scheme by PT GEODIPA	(1)The project owner (PT Geo Dipa Energi) still seek for references and material to support their decision making process for further funding scheme (2)PT Geo Dipa is still on the tender process for general consultants who will also advise on the proper financing scheme for the project	-
(44) Development of West Java Coal-fired Power Plant with Clean Coal Technology	Coal-fired Power Plant with clean coal technology will be installed in West Java Province.	20,300	PPP or IPP	(1) Implementation of Feasibility Study	Pre-FS completed by PLN. Feasibility study is not yet started.	-
				(2) Confirmation of funding scheme	Funding scheme is not yet decided.	
				(3) Others	Proposed location by PLN based on the Pre-FS in West Java (Tanjung Pakis village, Karawang) is inconsistent with the national spatial planning. Another potential site is in Bojanegara, Banten province This project has also been incorporated in the RUPTL of PT PLN	-
(45) Improvement of JABODETABEK Power Supply Quality	Frequent drops of voltage due to fluctuating current within the distribution network pauses an obstacle in optimal operation of the power system. Improvement of transmission network and distribution system will enable the stable and high-quality power supply in the Central and West Java Region.	4,700	Public (SOE)	(1) Commencement of Construction Work (2) Commencement of Operation	Construction is not yet commenced.	-
				(3) Others	(1) F/S was finished in January 2012 (2) The EIA was finished in 2013	January 2012 Feb 2013