



LIST OF MEDIUM-TERM PLANNED EXTERNAL LOAN 2015-2019 2017 REVISION



MINISTRY OF NATIONAL DEVELOPMENT PLANNING/
NATIONAL DEVELOPMENT PLANNING AGENCY
2017



REPUBLIC OF INDONESIA

**LIST OF MEDIUM-TERM PLANNED
EXTERNAL LOANS 2015-2019
- 2017 REVISION -**

**Ministry of National Development Planning/
National Development Planning Agency**

Foreword

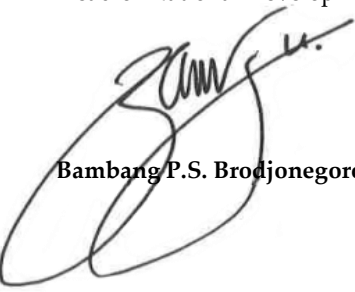
Currently, the government of Indonesia seeks a huge amount of funding to finance development projects, among others by using the external loans. Most of the external loans are utilized to finance infrastructure projects, which believed could improve the public services and increases the welfare of the people. Since this source of financing needs to be repaid, the utilization of external loans needs to be planned carefully and prudence.

The list of projects planned to be financed using external loans in the period 2015-2019 is presented in The List of Medium-Term Planned External Loans or *Daftar Rencana Pinjaman Luar Negeri Jangka Menengah* (DRPLN-JM) 2015-2019 or better known as Blue Book. In early 2015, the government has issued DRPLN-JM 2015-2019 with a proposed loan amount of USD 39.87 billion consisting of 116 projects in 29 programs.

According to Government Regulation No. 10 of 2011 Article 13 (4), DRPLN-JM 2015-2019 can be updated and refined according to the needs and/or development of national economy. Therefore, in 2017 the government issues the another Revision of DRPLN-JM 2015-2019 because there are some proposed priority projects that require funding with external loans. The amount of the proposed external loan in this DRPLN-JM 2015-2019 Revision is USD 40.14 billion which consists of 111 projects in the 38 programs that were proposed by line ministries, agencies, local governments, and SOEs.

The DRPLN-JM 2015-2019 Revision in 2017 is stipulated by Decree of the Minister of National Development Planning/National Development Planning Agency Number KEP.91/M.PPN/HK/08/2017. This revision is expected to serve as a guideline for the line ministries, agencies, local governments and SOEs in preparing the implementation of the proposed projects. At the same time, this book could also be used as a reference for bilateral and multilateral development partners in preparing their cooperation plan with the Government of Indonesia.

Minister for National Development Planning/
Head of National Development Planning Agency,



Bambang P.S. Brodjonegoro

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Chapter 1

INTRODUCTION

1. Background

In order to achieve the national development targets as stated in the Medium Term National Development Plan (*Rencana Pembangunan Jangka Menengah Nasional/ RPJMN*) 2015-2019, the Government of Indonesia needs a very large funding source, moreover, the government is planning to accelerate infrastructure development in various regions. On the other hand, currently, state revenue has not been sufficient for development financing needs. Therefore, the Government will optimize various sources and funding schemes which can be accessed. One of them by utilizing the source of funding from external loans.

The planning process for all projects which planned to be financed by the external loans is coordinated by the Ministry of National Development Planning/ National Development Planning Agency (Bappenas) based on the proposals submitted by the line ministries, state agencies, local governments, and SOEs. Proposed projects that meet the Readiness Criteria (RC) will be listed in the List of Medium-Term Planned External Loans (*Daftar Rencana Pinjaman Luar Negeri Jangka Menengah/DRPLN-JM*).

The government is always guided by the Medium Term National Development Plan or RPJMN 2015-2019 and Government Regulation Number 10 of 2011 on Procedure of Foreign Loan Procurement and Grant Reception in external loans utilization. In accordance with Government Regulation Number 10 of 2011 on Procedure for Procurement of External Loans and Receiving Grants, External Loans can be utilized for (i) funding of priority projects of Line Ministries/Government Agencies; (ii) forward lending or providing grants to Local Governments, and/or (iii) forward lending to State Owned Enterprises (SOEs).

The utilization of external loans is based on principles that must be complied with that are as follows: transparency, accountability, efficiency, and effectiveness, not accompanied by political ties, and not containing elements that can disrupt the stability and security of the nation. The utilization of external loans is addressed to achieve the national development targets as stated in RPJMN. The utilization of external loans also considers the Maximum Loan Limit as stipulated by Ministry of Finance for the 2015-2019 period.

In early 2015, the government has issued DRPLN-JM 2015-2019 with a proposed loan amount of USD 39.87 billion consisting of 116 projects in 29 programs. Then in 2016 the government issued Revised DRPLN-JM 2015-2019 with a proposed loan amount of USD 42.73 billion consisting of 118 projects in 37 projects.

In this 2017 the government issues another Revision of DRPLN-JM 2015-2019 in accommodating several proposed priority projects that require funding with external loans. In accordance with Government Regulation No. 10 of 2011 Article 13 (4), DRPLN-JM may be updated and refined

according to the needs and/or the dynamically of the national economy. The amount of external loan proposals in this book is USD 40,14 billion which consists of 111 projects in 38 programs.

The Revision of DRPLN-JM 2015-2019 in 2017 includes the addition of 2 new projects and the 2 changing projects, such change in scope of work, amount of loans, and executing agency. These new projects are (i) Promoting Sharia Finance in Indonesia through Technical Assistance and Financial Support for the National Committee on Sharia Finance and (ii) Strengthening Capacity of Three Islamic Higher Education (UIN). While the changing projects are (i) Construction of Jakarta Mass Rapid Transit North-South Line Project and (ii) Program to Accelerate Agrarian Reform.

2. Program Approach Based Approach (PBA)

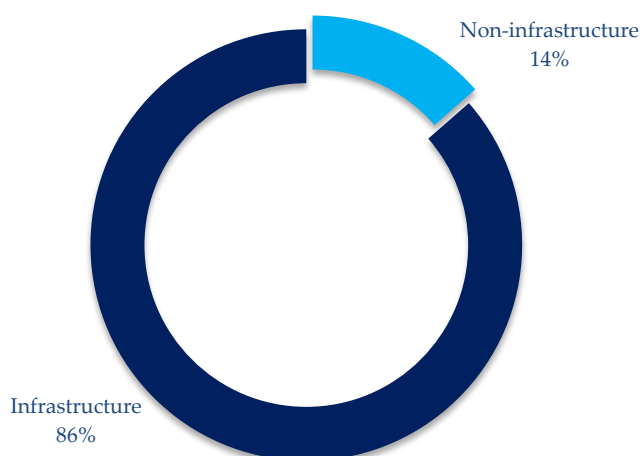
DRPLN-JM 2015-2019 is presented using a Program Based Approach (PBA), which is based on a group of projects with similar outcomes. External loan projects in DRPLN-JM 2015-2019 which have similar outcomes are grouped into one external loan program. With the PBA, the drafting plan of the DRPLN-JM is structured in stages starting from program, project, to sub-project (if any). One external loan program in DRPLN-JM can be compiled from one or more external loan projects. All proposals from Line Ministries/Agencies, Local Governments and SOEs that share the same outcomes will be formulated within a corresponding program and may represent the outcomes of those projects. Principally, the purpose of presenting the DRPLN-JM with the PBA is in order to maintain the consistency and accountability of DRPLN-JM on target aspect and the amount of development cost requirement.

Chapter 2

DRPLN-JM 2015–2019

In accordance with the needs and/or the dynamically of the national economy, the government issues the Revision The List of Medium-Term Planned External Loans (DRPLN-JM) 2015-2019 in 2017 which consists of 111 the proposed projects in 38 programs with a total loan amount of USD 40,14 billion. The proposed projects are mostly infrastructure projects (86%) while the rest for non-infrastructure projects (14%) can be seen in the following chart.

Chart 1. Loan Allocation For Infrastructure And Non-infrastructure Projects



The recapitulation of the programs and the proposing ministries/agencies contained in the revision of DRPLN-JM 2015-2019 in 2017 can be seen in Table 1 and Table 2.

Table 1. Recapitulation of DRPLN-JM 2015-2019 Revision by Program
(in million USD)

NO	SECTOR/PROGRAM	LOAN
INFRASTRUCTURE		34,686.7
1	Toll Road Development Program	1,250.0
2	Development and Improvement of National Bridges Program	1,500.0
3	Development and Improvement of National Roads Program	1,705.0
4	Drinking Water Development Program	796.3
5	Development of Waste Water Management Program	3,557.8
6	Development of Solid Waste Management Program	250.0
7	Slum Alleviation Program	2,852.0
8	Sustainable Urban Development Program	225.0
9	Development and Management of Irrigation Program	2,519.4
10	Provision and Management of Bulk Water Supply Program	621.9
11	Dam Development Program	2,131.8
12	Mitigation of Water Hazards Program	884.3
13	Management of Water Resources Infrastructure Program	400.0
14	Infrastructure for Tourism Program	296.0
15	Program for Provision of Housing For Low-Income Households	650.0
16	Railway Development Program	7,326.2
17	Sea Transportation Development Program	1,987.4
18	Information Communication And Technology (ICT) And Broadcasting Infrastructure Development Program	576.0
19	Electricity Infrastructure Development Program	4,332.6
20	Development and Improvement of Subnational Roads Program	225.0
21	Infrastructure Development Financing Program	600.0
NON-INFRASTRUCTURE		5,597.9
22	Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program	350.4
23	Improving Access, Quality, Relevance, and Competitiveness of Islamic Higher Education Program	414.1
24	Human Resources Development for Bureaucracy Reform Program	300.0

NO	SECTOR/PROGRAM	LOAN
25	Strengthening Financial Sector Program	25.0
26	Basic Health Care Program	150.0
27	Program for Human Resources Development in Health Sector	240.0
28	Program for Disease Control, Environmental Health, and Strengthening Health Research and Development	100.4
29	Health Services Referral Program	1,362.4
30	Provision and Development of Agriculture Infrastructure Program	1,346.8
31	Agriculture Extension, Education, and Training Improvement Program	98.9
32	Improving Labor Competitiveness Program	92.3
33	Improvement of Fisheries Facilities Program	107.0
34	Military Hospitals Development Program	290.0
35	Program for Development and Guidance of Meteorology, Climatology, and Geophysics	150.0
36	Science Park and Technopark Development Program	114.4
37	Implementation of Geospatial Information and Agrarian Infrastructure Program	200.0
38	Marine Research Development Program	108.0
GRAND TOTAL		40,136.5

Table 2. List of Programs and Projects in DRPLN-JM 2015-2019 and Its Revision

(000 USD)

No	Program/Project	Executing Agency	Loan
1.	Toll Road Development Program	Ministry of Public Works and Housing	1,250,000.0
	<i>a. Toll Road Development in Kalimantan, Sumatera, and Java Islands</i>		1,250,000.0
2.	Development and Improvement of National Bridges Program	Ministry of Public Works and Housing	1,500,000.0
	<i>a. Material Procurement for Construction and Bridge Rehabilitation</i>		450,000.0
	<i>b. Development of Fly Over/ Under Pass for Railways Crossing</i>		250,000.0
	<i>c. Development of Fly Over/ Under Pass in Major Cities</i>		270,000.0
	<i>d. Balinka - Matur - Ngarai Sianok Tunnel Construction</i>		175,000.0
	<i>e. Long Span Bridge Development for Selected Area</i>		355,000.0
3.	Development and Improvement of National Roads Program	Ministry of Public Works and Housing	1,705,000.0
	<i>a. Urban Arterial Road Improvement Project</i>		205,000.0
	<i>b. Road Improvement Project to Support Integrated Land and Sea Toll Way - Northern Area</i>		250,000.0
	<i>c. Road Improvement Project to Support Integrated Land and Sea Toll Way - Southern Area</i>		250,000.0
	<i>d. National Road Improvement in West and South Kalimantan</i>		250,000.0
	<i>e. National Road Improvement in Central Kalimantan</i>		250,000.0
	<i>f. National Road Improvement in North and East Kalimantan</i>		250,000.0
	<i>g. Road Improvement Project in Sulawesi Island and Major Cities</i>		250,000.0
4.	Drinking Water Development Program	Ministry of Public Works and Housing	796,300.0

(000 USD)

No	Program/Project	Executing Agency	Loan
a.	National Urban Water Supply		100,000.0
b.	The Development of Regional Water Supply System in Selected Area: <ul style="list-style-type: none"> Mamminasata Water Supply Development Project The Development of Regional Water Supply System in Benteng Kobema The Development of Regional Water Supply System in Wosusokas The Development of Regional Water Supply System of Jatigede The Development of Regional Water Supply System of Petanglong The Development of Regional Water Supply System of Durolis The Development of Regional Water Supply System of Banten - Jakarta from Karian Dam The Development of Regional Water Supply System of Mebidang 		646,300.0
c.	Water Supply System and Small Scale Water Treatment: <ul style="list-style-type: none"> IKK Water Supply Program and Small Water Treatment Plant for Water Scarcity Area 		50,000.0
5.	Development of Waste Water Management Program	Ministry of Public Works and Housing	3,557,800.0
a.	Community Based Sanitation Program (SANIMAS)		250,000.0
b.	Jakarta Sewerage Development Project - Zone 1 and Zone 6		1,950,000.0
c.	The Development of Sewage Treatment Plant Facility in Priority Area		75,000.0
d.	Sewerage System Development in Indonesia		949,800.0
e.	Denpasar Sewerage Development Project - Phase III		233,000.0
f.	The Development and Optimization of Wastewater Treatment in Greater Bandung		100,000.0

No	Program/Project	Executing Agency	Loan
6.	Development of Solid Waste Management Program	Ministry of Public Works and Housing	250,000.0
	a. <i>Advanced Solid Waste Management for Sustainable Urban Development (Advance SWM-SUD)</i>		150,000.0
	b. <i>The Improvement of Solid Waste Management to Support Regional Area and Metropolitan Cities</i>		100,000.0
7.	Slum Alleviation Program	Ministry of Public Works and Housing	2,851,980.0
	a. <i>Slum Improvement in Strategic Human Settlements Area (SISHA)</i>		2,100,000.0
	b. <i>National Slum Upgrading</i>		289,880.0
	c. <i>Rural Settlement Infrastructure Development (RSID)</i>		201,000.0
	d. <i>Building Administration and Capacity Enforcement Development for Seismic Resilience</i>		261,100.0
8.	Sustainable Urban Development Program	Ministry of Public Works and Housing	225,000.0
	a. <i>National Urban Development Project</i>		225,000.0
9.	Development and Management of Irrigation Program	Ministry of Public Works and Housing	2,519,431.0
	a. <i>Integrated Participatory Development and Management of Irrigation Project:</i>		
	• <i>Integrated Participatory Development and Management of Irrigation Project - Phase I</i>		1,100,000.0
	• <i>Integrated Participatory Development and Management of Irrigation Project - Phase II</i>		
	b. <i>The Urgent Rehabilitation of Strategic Irrigation for Western Region of Indonesia</i>		195,778.0
	c. <i>Irrigation Development in North Sumatera</i>		350,000.0
	d. <i>Integrated Participatory Development and Management of Lhok Guci and Peureulak Irrigation Project</i>		161,298.0

(000 USD)

No	Program/Project	Executing Agency	Loan
	<i>e. Modernization Strategic Irrigation Project (MSIP)</i>		278,355.0
	<i>f. Urgent Rehabilitation of Irrigation Project in Indonesia (URIP)</i>		272,100.0
	<i>g. Revitalization Groundwater Irrigation in Indonesia</i>		100,000.0
	<i>h. Engineering Service for Irrigation and Low Land Development Project</i>		61,900.0
10.	Provision and Management of Bulk Water Supply Program	Ministry of Public Works and Housing	621,862.0
	<i>a. Integrated Citarum Water Resources Management Investment Program II</i>		200,000.0
	<i>b. Karian Dam-Serpong Water Conveyance and Supply System Project</i>		373,862.0
	<i>c. Engineering Service for Bulk Water and Water Supply Development Project</i>		48,000.0
11.	Dam Development Program	Ministry of Public Works and Housing	2,131,820.0
	<i>a. Jambo Aye Multipurpose Dam Project</i>		662,200.0
	<i>b. Komering Multipurpose Dam Project - Phase II</i>		200,000.0
	<i>c. Pelosika Multipurpose Dam Construction Project</i>		200,000.0
	<i>d. Lambakan Dam Project</i>		258,000.0
	<i>e. Jenelata Dam Construction Project</i>		200,000.0
	<i>f. Bonehulu Dam Construction Project</i>		128,250.0
	<i>g. Ladongi Dam Construction Project</i>		70,000.0
	<i>h. Kuwil Kawangkoan Dam Construction Project</i>		110,000.0
	<i>i. Lompatan Harimau Dam Construction Project (Rokan Kiri Dam Construction Project)</i>		152,100.0
	<i>j. Additional Loan for Jatigede Dam Project 2</i>		53,200.0
	<i>k. Engineering Service for Dam Multipurpose Development Project</i>		98,070.0

(000 USD)

No	Program/Project	Executing Agency	Loan
12.	Mitigation of Water Hazards Program	Ministry of Public Works and Housing	884,316.0
	a. <i>Lower Solo River Improvement Project - Phase II</i>		155,836.0
	b. <i>Comprehensive Countermeasure for Sediment & Flood Problems in South Sulawesi Province</i>		108,100.0
	c. <i>Urgent Disaster Reduction of Mt. Sinabung, Mt. Semeru, Mt. Kelud Mt. Lokon, and Mt. Gamalama</i>		260,000.0
	d. <i>Urban Flood Control System Improvement in Selected Cities - Phase II</i>		120,000.0
	e. <i>Flood Management in Selected River Basins:</i>		200,000.0
	• <i>Flood Management in Selected River Basins (Additional Financing)</i>		
	f. <i>Engineering Service for Coastal and River Development Project</i>		40,380.0
13.	Management of Water Resources Infrastructure Program	Ministry of Public Works and Housing	400,000.0
	a. <i>Enhanced Water Security Investment Program</i>		350,000.0
	b. <i>Engineering Service for Water Resources Infrastructure Management</i>		50,000.0
14.	Infrastructure for Tourism Development Program	Ministry of Public Works and Housing	296,000.0
	a. <i>Integrated Infrastructure Development for National Tourism Strategic Areas</i>		296,000.0
15.	Program for Provision of Housing For Low-Income Households	<ul style="list-style-type: none"> • Ministry of Public Works and Housing • National Housing Corporation (PERUMNAS) 	650,000.0
	a. <i>National Affordable Housing Project</i>		450,000.0
	b. <i>Support for National Housing and Urban Development Cooperation</i>		200,000.0

(000 USD)

No	Program/Project	Executing Agency	Loan
16.	Railway Development Program	Ministry of Transportation	7,326,239.9
	a. <i>Procurement of Track Material and Turn Out:</i>		
	• <i>Procurement of Track Material and Turn Out - Phase III</i>		419,166.9
	• <i>Procurement of Track Material and Turn Out - Phase IV</i>		
	b. <i>Construction of Jakarta Mass Rapid Transit North-South Line Project (Lebak Bulus-Kampung Bandan)</i>		1,869,000.0
	c. <i>Construction of Jakarta Mass Rapid Transit East-West Line Project - Phase I</i>		3,572,000.0
	d. <i>Construction of Railway line for Bitung - Gorontalo - Isimu</i>		505,476.8
	e. <i>Construction of Railway line for Parepare - Mamuju</i>		399,167.6
	f. <i>Surabaya Regional Railway Line - Phase I</i>		100,000.0
	g. <i>Development of Railway Quality Assurance Facility</i>		461,428.6
17.	Sea Transportation Development Program	Ministry of Transportation	1,987,373.1
	a. <i>Development and Improvement of Indonesian Aids to Navigation</i>		27,402.6
	b. <i>Procurement of Navigation First Class Vessels</i>		186,237.9
	c. <i>Procurement of Navigation Carrier Vessels</i>		73,732.6
	d. <i>The Development of Patimban Port -Stage I</i>		1,700,000.0
18.	Information Communication And Technology (ICT) And Broadcasting Infrastructure Development Program	<ul style="list-style-type: none"> • Ministry of Communications and Information Technology • Indonesian National Police 	576,000.0
	a. <i>Strengthening of e-Government Infrastructure</i>		145,000.0

(000 USD)

No	Program/Project	Executing Agency	Loan
	<i>b. Improvement on TV Transmitting Stations (Digitalization of TVRI) - Phase III</i>		411,000.0
	<i>c. National Criminal Information Center for Indonesian National Police - Phase II</i>		20,000.0
19.	Electricity Infrastructure Development Program	<ul style="list-style-type: none"> • State Electricity Company (PT. PLN) • Local Government of Aceh 	4,332,600.0
	<i>a. Construction of Java Sumatera Interconnection 500 kV (HVDC-Phase 3 & 4)</i>		933,000.0
	<i>b. Hululais Geothermal Power Plant 1&2 (2x55MW)</i>		204,000.0
	<i>c. Bakaru II Hydro Electrical Power Plant (2x63MW)</i>		280,000.0
	<i>d. Tulehu Geothermal Power Plant Project Unit 1&2 (2x10MW)</i>		104,000.0
	<i>e. Indramayu Coal Fired Power Plant #4 (1x1000MW)</i>		1,845,000.0
	<i>f. Additional Loan for Upper Cisokan Pumped Storage Hydro Electrical Power Plant (4x260MW)</i>		200,000.0
	<i>g. Sungai Penuh Geothermal Power Plant 1&2 (2x55MW)</i>		205,000.0
	<i>h. Matenggeng Pumped Storage Hydro Electrical Power Plant (4x225MW)</i>		500,000,000
	<i>i. Development of Seulawah Agam Geothermal Working Area for 55 MW-Capacity Geothermal Power Plant in Aceh</i>		61,600,000
20.	Development and Improvement of Subnational Roads Program	Local Government of Lampung	225,000.0
	<i>a. Development and Improvement of Lampung Provincial Roads Project</i>		225,000.0

No	Program/Project	Executing Agency	Loan
21.	Infrastructure Development Financing Program	Indonesia Infrastructure Finance Company (PT. SMI)	600,000.0
	<i>a. Increasing PT Indonesia Infrastructure Finance Financing Capacity in Accelerating Infrastructure Development in Indonesia</i>		300,000.0
	<i>b. Financial Regional Infrastructure Projects through Regional Infrastructure Development Fund (RIDF)</i>		300,000.0
22.	Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program	Ministry of Research, Technology and Higher Education	350,397.6
	<i>a. Strengthening Capacity of State Higher Education</i>		
	<ul style="list-style-type: none"> • The Plan of Hasanuddin University Hospital Development • Establishment of University of Bengkulu's Hospital • University of Gadjah Mada Achieving World Class University with Socio-Entrepreneurial Spirit • Capacity Building Programmes for Infrastructure in Malikussaleh University • Development and Upgrading of University of Jambi • Development and Upgrading of the State University of Jakarta - Phase 2 • Integrated Multi Campus-University for Tomorrow's Education in Indonesia University of Education • Higher Education Quality Improvement of the University of Riau 		350,397.6
23.	Improving Access, Quality, Relevance, and Competitiveness of Islamic Higher Education Program	Ministry of Religious Affairs	414,140.9
	<i>Strengthening Capacity of Islamic Higher Education (IAIN and UIN):</i>		414,140.9

No	Program/Project	Executing Agency	Loan
	<ul style="list-style-type: none"> • <i>Development of Imam Bonjol State Islamic Institute Project</i> • <i>Improvement and Optimalization of Sunan Ampel Surabaya State Islamic University</i> • <i>Improvement Access and Quality of State Islamic Institute Suthan Maulana Hasanuddin Banten</i> • <i>Development and Quality Improvement of Antasari State Islamic Institute</i> • <i>Transformation of State Islamic Institute Sulthan Thaha Saifuddin to State Islamic University</i> • <i>Development and Institutional Transformation of State Islamic Institute Raden Intan Lampung</i> • <i>The Development of UIN Maulana Malik Ibrahim Malang - Phase II</i> • <i>The Development of Ar-Raniry State Islamic University (UIN Ar-Raniry) Phase II Project in Aceh</i> • <i>The Development and Upgrading of State Islamic University Sunan Gunung Djati, Bandung, Phase 2 Project</i> • <i>The Development of Faculty of Medicine - Health Sciences and Post Graduates of The Islamic State University of Alaudin, Makassar Project</i> 		
24.	Human Resources Development for Bureaucracy Reform Program	Ministry of National Development Planning/ National Development Planning Agency	300,000.0
	<i>Development of Capacity, Quality, and Competency of Human Resources for Government Officer</i>		300,000.0
25.	Strengthening Financial Sector Program	Ministry of National Development Planning/ National Development Planning Agency	25,000.0

(000 USD)

No	Program/Project	Executing Agency	Loan
	<i>Promoting Sharia Finance in Indonesia through Technical Assistance and Financial Support for the National Committee on Sharia Finance</i>		25,000.0
26.	Basic Health Care Program	Ministry of Health	150,000.0
	<i>Improvement of Primary Health Care</i>		150,000.0
27.	Program for Human Resources Development in Health Sector	Ministry of Health	240,000.0
	<i>Improvement of Facilities and Infrastructure for Teaching and Learning Activities in Health Sector</i>		240,000.0
28.	Program for Disease Control, Environmental Health, and Strengthening Health Research and Development	Ministry of Health	100,400.0
	<i>Improvement of Capacity on Disease Control, Environmental Health, and Strengthening Health's Research and Development</i>		100,400.0
29.	Health Services Referral Program	<ul style="list-style-type: none"> • Ministry of Health • Local Government of Aceh 	1,362,400.0
	<i>a. Strengthening of National Referral Hospitals, Province Referral Hospital and Vertical Technical Units</i>		1,255,600.0
	<i>b. Reengineering and Improving The Hospital and Referral System in Selected Aceh Districts</i>		106,800.0
30.	Provision and Development of Agriculture Infrastructure Program	Ministry of Agriculture	1,346,842.6
	<i>a. Extensification of New Paddy Field Area</i>		811,166.6
	<i>b. Upland Development for National Food Security</i>		535,676.0
31.	Agriculture Extension, Education, and Training Improvement Program	Ministry of Agriculture	98,900.0
	<i>a. Young Entrepreneur Growth and Development for Sustainable Agricultural Development</i>		68,900.0

(000 USD)

No	Program/Project	Executing Agency	Loan
	<i>b. Rural Empowerment and Agricultural Development (READ) Programme in Sulawesi Island – Phase II</i>		30,000.0
32.	Improving Labor Competitiveness Program	Ministry of Manpower	92,308.0
	<i>Development of Maritime Vocational Training Centers</i>		92,308.0
33.	Improvement of Fisheries Facilities Program	Ministry of Marine Affairs and Fisheries	107,000.0
	<i>Outer Ring Fishing Ports Development - Phase I</i>		107,000.0
34.	Military Hospitals Development Program	Ministry of Defense	290,000.0
	<i>a. Upgrading Medical Equipments for Army Hospital of Gatot Subroto</i>		150,000.0
	<i>b. Upgrading Medical Equipments for Army Hospitals</i>		55,000.0
	<i>c. Upgrading Medical Equipments for Naval Hospitals</i>		45,000.0
	<i>d. Upgrading Medical Equipments for Air Force Hospitals</i>		40,000.0
35.	Program for Development and Guidance of Meteorology, Climatology, and Geophysics	The Agency For Meteorology Climatology And Geophysics (BMKG)	150,000.0
	<i>Strengthening Climate and Weather Service Capacity – Phase II</i>		150,000.0
36.	Science Park and Technopark Development Program	Agency For The Assessesment And Application Of Technology (BPPT)	114,400.0
	<i>Development of Maritime National Science and Technology Park (NTSP) in the Northern Penajam Paser and Revitalization Infrastructure Marine Survey</i>		114,400.0

(000 USD)

No	Program/Project	Executing Agency	Loan
37.	Implementation of Geospatial Information and Agrarian Infrastructure Program	Ministry of Agrarian and Spatial Planning/ National Land Agency	200,000.0
	<i>Program to Accelerate Agrarian Reform</i>		200,000.0
38.	Marine Research Development Program	Indonesian Institute Of Sciences (LIPI)	107,950.0
	<i>Procurement Multi Purposes Research Vessel</i>		107,950.0
TOTAL			40,134,461.1

Chapter 3

PROJECT DIGESTS

This chapter presents project digest of DRPLN-JM 2015-2019. The project digest is a summary of informations regarding the project which covers executing agency, implementing agency, background, scope of work, output, outcome, duration of implementation, location, amount of loan, and counterpart funding. In this chapter only listed 4 project digests which are newly added and changed on Revision of DRPLN-JM 2015-2019 in 2017. While the rest project digests of DRPLN-JM 2015-2019 can be reffered to 2nd Book of Revision of DRPLN-JM 2015-2019 in 2016.

Ministry of Transportation

Railway Development Program

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- | | |
|----------------------------|---|
| 1. Program Title | : Railway Development Program |
| 2. Executing Agency | : a. Ministry of Transportation
b. Local Government of DKI Jakarta |
-

3. Background and Justification

Indonesia has railway networks of approximately 8,159 km of route length separated in Java, North Sumatera, West Sumatera, and South Sumatera. Some routes of the railway networks use single track type, while most of Java Main Lines has already used double track type. Axle load typically varies from 9 tons to 18 tons and track condition has been deficient due to insufficient daily maintenance. Therefore, some track improvement is needed to maintain the level of railway services. Besides, new networks are planned to be built in Kalimantan and Sulawesi in order to improve connectivity in terms of movement of people and freight.

On the other hand, there are some considerations to build the mass transportation system in the big cities and metropolitan areas. For example, in the DKI Jakarta, the number of vehicles has increased up to 3.6 times from 2000 to 2010, while the highway has increased only 2%. The economic loss due to traffic jams has reached 68 trillion rupiah per year (2012), and it is still increasing because of the oil price and even worse traffic jams. Moreover, increasing demand of public transportation to facilitate the mobilization of people and goods has encouraged the government to build mass rapid transportation (MRT) systems including development of railway networks, both elevated and subway lines.

4. Scope of Work

- 1) Procurement of track materials;
- 2) Procurement of turnouts and rolling stocks;
- 3) Design and engineering services of Jakarta MRT system;
- 4) Civil works and consulting services for MRT line construction.

5. Outcomes

- 1) Increased rail line service operation for passenger and goods transport;
- 2) Increased capacity of transport in the metropolitan area;
- 3) Reduced general problems in the streets, such as reduced risk of accidents and reduced levels of congestion.

6. Main Target of the National Development in RPJMN 2015-2019:

Main Sector Development.

7. Indications of Financing Need

Loan	:	USD	7,326,239,900
Grant	:	USD	0
Counterpart Funding	:	USD	763,263,600
Total Financing	:	USD	8,089,503,500

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- | | |
|-------------------------------|--|
| 1. Project Title | : Construction of Jakarta Mass Rapid Transit North-South Line Project (Lebak Bulus-Kampung Bandan) |
| 2. Program Title | : Railway Development Program |
| 3. Executing Agency | : Ministry of Transportation |
| 4. Implementing Agency | : a. Ministry of Transportation
b. Local Government of DKI Jakarta |
| 5. Duration | : 72 months |
| 6. Location | : DKI Jakarta Province |
-

7. Scope of Works

- 1) Construction management consulting services.
- 2) Construction of MRT Phase I and MRT Phase II with proposed plan of contract packages as follow:
 - a. Additional work of construction MRT Phase I (Lebak Bulus-Bunderan HI)
 - b. Underground 1: Civil work MRT Phase II (Bunderan HI – Harmoni)
 - c. Underground 2: Civil work MRT Phase II (Harmoni – Kampung Bandan)
- 3) Procurement of MRT Phase II with proposed plan of contract packages as follow:
 - a. Procurement of track works and systems.
 - b. Procurement of rolling stock.

8. Outputs

- 1) The availability of the mass public transportation service for the community.
- 2) The increase of user access to public transportation in urban area.
- 3) The increase of public transportation user market segment in the urban area.
- 4) The reduction of the personal vehicles uses in the big cities.

9. Project Cost

<ul style="list-style-type: none"> Foreign Funding 		<ul style="list-style-type: none"> Counterpart Funding 	
-	Loan : US\$ 1,869,000,000	-	Central Government : US\$ 0
-	Grant : US\$ 0	-	Regional Government : US\$ 0
		-	State-Owned Enterprise : US\$ 0
		-	Others : US\$ 0
	Subtotal : US\$ 1,869,000,000		Subtotal : US\$ 0
TOTAL : US\$ 1,869,000,000			

Ministry of Religious Affair

**Improving Access, Quality,
Relevance, and Competitiveness
of Islamic Higher Education
Program**

1. Program Title	: Improving Access, Quality, Relevance, and Competitiveness of Islamic Higher Education Program
2. Executing Agency	: Ministry of Religious Affair

3. Background and Justification

Higher education plays an important role in enhancing competitiveness, and building a nation of excellence, through the development of science, scientific discovery and technological innovation. In addition, higher education is closely related to the progress of the nation's economy through improving the quality of human resources. Therefore, strengthening higher education institution is unequivocally needed in support of the nation's effort in facing a great deal of challenges in the era of globalize economy.

Islamic Higher Education is part of the Indonesia's education system. As Islamic Higher Education institutions serve a huge number of students, in which need an improvement in terms of access, quality, relevance, and competitiveness. Although they play a significant role in the country's social-economic development, their quality is considered very low compared to general universities. Such condition results from the lack of facilities and infrastructure such as laboratories, research facilities, educational tools, and support facilities, as well as lecturers. Therefore, more effort is needed to improve the quality of Islamic Higher Education services to be accessible by the entire population of productive age, so that they can become the driving force of economic growth.

Law No. 12 of 2012 on Higher Education article 30 states that higher education institutions may take the form of religious higher education university, college, seminary, and other similar forms. Indonesia has three types of Islamic higher education, namely the State Islamic University (UIN), State Islamic Institute (IAIN), and the College of Islamic Studies (STAIN). In its development, IAIN has been established in every province in Indonesia, which managed under the coordination of the Ministry of Religious Affairs. In 1997 as many as 36 Colleges of Islamic Studies (STAIN) changed its status to become IAINs. Moreover, the most established IAINs have also transformed into universities, thus becoming State Islamic Universities by promoting various subject fields (e.g. medicine, public health, and engineering) in addition to Islamic studies.

The change of IAIN to UIN status was motivated by the need for strengthening the institutions by integrating "Islamic sciences" and "secular sciences". The new development of the Islamic Higher Education institution has instigated indonesian moslems to study at IAINs and UINs with hope that they will gain quality Higher Education. Therefore the government concerns about involving the quality of Islamic Higher Education similar to that of general higher education by building infrastructure and academic facilities, and providing quality academic staff.

4. Scope of Work

- 1) Development of teaching and research facilities, supporting infrastructures, and procurement of equipment;
- 2) Development and improvement of the quality of human resources, including degree and non-degree programs for lecturers and university's staff; and
- 3) Development of academic curriculum and management system to improve teaching-research process.

5. Outcomes

- 1) Increasing access to islamic higher education, thus increasing enrollment rate;
- 2) Improving quality, relevance, competitiveness, and accreditation of Islamic higher education through the enhancement of academic quality, facilities, human resources development, and research; and
- 3) Increasing quality and competitive higher education graduates.

6. Main Target of the National Development in RPJMN 2015-2019

Human and People Development.

7. Indications of Financing Need

Loan	:	USD	414,140,900
Grant	:	USD	0
Counterpart Funding	:	USD	84,413,300
Total Financing	:	USD	498,554,200

1. Project Title	: Strengthening Capacity of Islamic Higher Education (IAIN and UIN)
2. Program Title	: Improving Access, Quality, Relevance, and Competitiveness of Islamic Higher Education Program
3. Executing Agency	: Ministry of Religious Affairs
4. Implementing Agency	: Universities under the Ministry of Religious Affairs
5. Duration	: 48 months
6. Location	: Aceh, West Sumatra, Jambi, Lampung, West Java, East Java, Banten, South Kalimantan, and South Sulawesi Province

7. Scope of Work

1) Improvement and Optimalization of Sunan Ampel Surabaya State Islamic University:

- Construction of new buildings, which covers Faculty of Science and Technology, Faculty of Social and Political Sciences, Faculty of Psychology and Health Sciences, Faculty of Adab and Humanities; Teachers' College Building and Teachers' Dormitory; Library; Academic Administration; Business Center; Student Center; Religious Laboratory; and Landscape and Supporting Infrastructure.
- Academic improvement, which covers Developing curriculum and academic management; and Improving the quality and quantity of scientific publications.
- Capacity building which covers Developing professionalism and competence of academic staffs through lecturer exchange, internship, joint research, including degree and non-degree programs.

2) Improvement of Access and Quality of the State Islamic Institute of Suthan Maulana Hasanuddin Banten:

- Construction of new buildings which covers Faculty of Sharia, Faculty of Islamic Finance, Faculty of Tarbiyah, Faculty of Ushuluddin and Adab, and Faculty of Da'wah; Rectorate Building; Library; Research Center and Integrated Laboratory; Student Center; Multipurpose/Auditorium Building; Islamic Tutorial Center; and Training and Conversation Center.
- Procurement of furniture and equipment;
- Upgrading faculty/staff-human resources;
- Academic curriculum development, including initial study, workshop, and dissemination.

3) Development and Quality Improvement of Antasari State Islamic Institute:

- Construction of new buildings which covers Faculty of Sharia and Islamic Economics, Faculty of Tarbiyah and Education, Faculty of Ushuluddin and Humanities, Faculty of Da'wah and Communication, and Faculty of Science and Technology; Main library; Student dormitory; Rectorate building and Integrated laboratory.
- Curriculum and management development, covers: curriculum development, workshops, and developing ICT system;
- Training program, covers: overseas and local short trainings, and exchange programs.

4) Transformation of State Islamic Institute of Sulthan Thaha Saifuddin to State Islamic University:

- a. Construction of new buildings which covers Faculty of Syari'a and Law, Faculty of Tarbiyah and Teaching, Faculty of Ushuluddin and Islamic Media, Faculty of Adab and Humaniora, Faculty of Qur'anic Science and Technology, Faculty of Business and Islamic Economy; General lecture building and rectorate building; Auditorium; Training center; Stadium; and Integrated laboratory.
- b. Curriculum development; and
- c. Training and workshop (degree and non-degree program).

5) Development and Institutional Transformation of State Islamic Institute Raden Intan Lampung:

- a. Construction of new buildings which covers Faculty of Islamic Economy and Business, Faculty of Psychology, Faculty of Sciences and Technology, Faculty of Literature and Humanities, and Faculty of Communication; Academic and multipurpose building; Main building; Sport centre.
- b. Human resources development which covers Degree and non-degree training and research management; Technical training programs; Exchange of lecturers and joint research.
- c. Academic development which consist of Developing the integrated academic information system; Improving the quality and quantity of scientific publications into reputable journals; and Strengthening and developing the existing and new faculties and study programs.

6) Development of Imam Bonjol State Islamic Institute Project:

- a. Constructions of several buildings and infrastructure which covers Faculty of Syari'a and Law, Faculty of Ushuluddin, Faculty of Da'wah and Communication, and Faculty of Adab and Humanities; Rectorate building; and Rooms and classes.
- b. Human resources improvement programs which covers Sandwich program; Technical and non-technical (domestic and overseas) trainings; Academic journal publication; and Curriculum development.
- c. Project management.

7) The Development of UIN Maulana Malik Ibrahim Malang - Phase II, East Java Project:

- a. Construction works and infrastructure which covers Integrated classroom in Faculty of Medical, Faculty of Dentistry, Faculty of Science and Technology (Department of Civil Engineering, Architecture, Electrical Engineering, Mechanical Engineering, Environmental Engineering, Informatics, and Pharmacy); Library; Mahad/Dormitory Building.
- b. Training development;
- c. Curriculum development program;
- d. Procurement of equipment and furniture;
- e. Project management and supervision consultant (PMSC), detailed engineering design consultant (DEDC) and equipment consultant (EQC); and
- f. Project management, including financial auditing and start-up workshop.

8) The Development of Ar-Raniry State Islamic University (UIN Ar-Raniry) Phase II Project in Aceh:

- a. Construction of new buildings which covers Integrated Classroom; Library; Multifunction Laboratory of Non-Science (including Halal Laboratory, Islamic Banking, and Language Center) and Multifunction Laboratory of Science; Training Center and Multipurpose Building; Polyclinic; ICT Center; Student Center and Sport

Center; Male and Female Dormitory; Admission and Register Office and Business Unit (including Publishing House/Research Center).

- b. Procurement of equipment and furniture;
- c. Capacity building and academic improvement which covers Doctoral Degree Program; Non-Degree Training; Management Training Program and Curriculum Development Program.
- d. Project management and supervision consultant (PMSC), detailed engineering design consultant (DEDC), and equipment consultant (EQC); and
- e. Project management, including financial auditing and start-up workshop.

9) The Development and Upgrading of State Islamic University Sunan Gunung Djati, Bandung, Phase 2 Project:

- a. Civil works (construction of new buildings) which covers Construction of Integrated Classroom, MIPA Laboratory, Halal Laboratory, Sunan Training Center, ICT Campus Building, Business Center and Community Service Building, Multipurpose Building, Dormitory (Mahad al-Jamiah), Laboratory for Religious Teaching, Sport Center, and Management Building;
- b. Smart Campus Program (ICT-Information and Communication Technology University Development) which covers Development of ICT includes software and hardware development work and Development of ICT design consultancy services and building.
- c. Procurement of equipment and furniture;
- d. Capacity building and academic improvement which covers Overseas Degree and Non-Degree Training/Shortcourse Program and Curriculum Development.
- e. Project management and supervision consultants (PMSC), detailed engineering design consultants (DEDC), and equipment consultants (EQC); and
- f. Project management, including financial auditing and start-up workshop.

10) The Development of Educational Facilities of The State Islamic University of Alauddin, Makassar Phase II:

- a. Civil works (construction of new buildings and infrastructure) which covers Development of the Faculty of Medicine and Health Sciences, Centre for Laboratory and Educational Facilities (CLEF), Campus Service Center (Career and Employment Services and Business Center), Smart Campus Program (ICT-Information and Communication Technology University Development), and Integrated General Classroom; and Development of the infrastructure work around campus such as road, drainage, electric installment, water supply, and landscape.
- b. Smart Campus Program (ICT-Information and Communication Technology University Development) which covers Development of ICT includes software and hardware development work; and Development of ICT design consultancy services and building.
- c. Procurement for equipment and furniture which covers Equipment for Faculty of Medicine-Health Sciences, Campus Center (i.e: Career & Employment Services and Business Center), Centre for Laboratory and Educational Facilities (CLEF);
- d. Capacity Building and Academic Improvement which covers Curriculum Development Program, Degree and Non-Degree Programs; and Training programs and human resources development (HRD) consist of the activities such as abroad training, in-country training, seminar, and workshop.
- e. Project Management and Supervision Consultant (PMSC), Detailed Engineering Design Consultant (DEDC), and Equipment Consultant (EQC); and

- f. Project Management, including financial auditing and start-up workshop.

8. Outputs

- a. Conducting education on integrative-multidisciplinary Islamic sciences with high competitiveness and relevant to the needs of industries and labor market;
- b. Improvement of learning and research facilities for student, lecturer and researcher;
- c. Improvement of number and quality of innovation and research; and
- d. Improvement of quality of human resources in academic, research, community service, management, and administration.

9. Project Cost

<ul style="list-style-type: none"> Foreign Funding 	<ul style="list-style-type: none"> Counterpart Funding
<ul style="list-style-type: none"> - Loan : US\$ 414,140,900 	<ul style="list-style-type: none"> - Central Government : US\$ 84,413,300
<ul style="list-style-type: none"> - Grant : US\$ 0 	<ul style="list-style-type: none"> - Regional Government : US\$ 0
<ul style="list-style-type: none"> - State-Owned Enterprise : US\$ 0 	<ul style="list-style-type: none"> - Others : US\$ 0
<hr/> Sub Total : US\$ 414,140,900	<hr/> Sub Total : US\$ 84,413,300
TOTAL : US\$ 498,554,200	

2. Detail of Project Cost *)

Project	Loan (US\$)	Counterpart Funding (US\$)
1) Improvement and Optimalization of Sunan Ampel Surabaya State Islamic University	40,000,000	10,000,000
2) Improvement Access and Quality of State Islamic Institute Suthan Maulana Hasanuddin Banten	40,000,000	5,985,000
3) Development and Quality Improvement of Antasari State Islamic Institute	39,908,600	10,290,700
4) Transformation of State Islamic Institute Sulthan Thaha Saifuddin to State Islamic University	40,000,000	10,000,000
5) Development and Institutional Transformation of State Islamic Institute Raden Intan Lampung	40,000,000	10,000,000
6) Development of Imam Bonjol State Islamic Institute Project	38,301,400	4,171,400
7) The Development of UIN Maulana Malik Ibrahim Malang - Phase II	59,935,500	10,404,300
8) The Development of Ar-Raniry State Islamic University (UIN Ar-Raniry) Phase II Project in Aceh	41,328,200	8,636,300
9) The Development and Upgrading of State Islamic University Sunan Gunung Djati, Bandung, Phase 2 Project	33,442,700	9,345,200
10) The Development of Educational Facilities of The State Islamic University of Alauddin, Makassar Phase II	41,224,500	5,580,400
TOTAL	414,140,900	84,413,300

*) The revised of new projects which proposed in 2017 Revision are:

- The Development of Ar-Raniry State Islamic University (UIN Ar-Raniry) Phase II Project in Aceh
- The Development and Upgrading of State Islamic University Sunan Gunung Djati, Bandung, Phase 2 Project
- The Development of Educational Facilities of The State Islamic University of Alauddin, Makassar Phase II

**Ministry of National Development
Planning/ National Development
Planning Agency**

Strengthening Financial Sector Program

1. Program Title	: Strengthening Financial Sector Program
2. Executing Agency	: Ministry of National Development Planning/ National Development Planning Agency

3. Background and Justification

One of the main policies and strategies of the financial sector in the National Medium-Term Development Plan (RPJMN) of 2015-2019 is to develop sharia finance through the establishment of a national committee on sharia financial development. Based on Presidential Regulation No. 91 of 2016 on National Committee of Sharia Finance (KNKS), KNKS has the task of accelerating, expanding and advancing the development of sharia finance in order to support national economic development.

In performing its duties, KNKS performs the following functions:

- 1) Recommendation of policy direction and strategic program of national development in sharia finance sector;
- 2) Coordinating the preparation and implementation of strategic policy and program direction plan in sharia financial sector;
- 3) Formulation and recommendation on problem solving in sharia financial sector; and
- 4) Monitoring and evaluation of the implementation of strategic policy and program direction in sharia financial sector.

Currently, several things that hinder the development of Islamic finance, among others:

- 1) Lack of public understanding about sharia financial products and institutions.
- 2) Indonesia's sharia financial industry at this time is very retail-oriented. The share of Islamic finance from the corporate banking market is very small. In addition, Indonesia also does not have sharia investment bank.
- 3) The quantity, quality, and competence of human resources in the sharia financial sector are relatively far behind compared to the conventional sector.
- 4) Information technology systems used by sharia financial institutions are relatively lagging compared with conventional financial sector

Therefore, it is necessary to support the government and related stakeholders to encourage the growth of sharia financial industry.

4. Scope of Work

Capacity building and financial support for the development of sharia economy.

5. Outcomes

- 1) Increasing sharia financial institutional capacity; and
- 2) Improve the performance of sharia financial institutions.

6. National Development Main Target in RPJMN 2015-2019:

Main Sector Development.

7. Indications of Financing Need

Loans	:	USD	25,000,000
Grants	:	USD	0
Counterpart Funding	:	USD	0
Total Financing	:	USD	25,000,000

BB-ID:

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- | | |
|-------------------------------|---|
| 1. Project Title | : Promoting Sharia Finance in Indonesia through Technical Assistance and Financial Support for the National Committee on Sharia Finance |
| 2. Program Title | : Strengthening Financial Sector Program |
| 3. Executing Agency | : Ministry of National Development Planning/ National Development Planning Agency |
| 4. Implementing Agency | : Ministry of National Development Planning/ National Development Planning Agency |
| 5. Duration | : 60 months |
| 6. Location | : DKI Jakarta |
-

7. Scope of Works

Strengthening capacity and financial support for National Committee of Sharia Finance (KNKS), which covers:

- 1) Facilitate the growth of sharia finance in Indonesia, represented through increasing volume, functions and marketshare
- 2) Increase the role of sharia finance in development funding, especially in funding large-scale projects
- 3) Promote a healthy, steady, efficient and competitive financial system
- 4) Increase access of the public and small medium enterprises (SMEs) to formal financial services within the framework of an inclusive and equitable economic development framework

8. Outputs

- 1) Increased institutional capacity of the National Committee for Sharia Finance.
- 2) Increased performance of Islamic financial institutions.

9. Project Cost

<ul style="list-style-type: none"> • Foreign Funding - Loan : US\$ 25,000,000 - Grant : US\$ 0 			<ul style="list-style-type: none"> • Counterpart Funding - Central Government : US\$ 0 - Regional Government : US\$ 0 - State-Owned Enterprise : US\$ 0 - Others : US\$ 0 		
Subtotal	: US\$	25,000,000	Subtotal	: US\$	0
TOTAL : US\$ 25,000,000					

**Ministry of Agrarian and
Spatial Planning/
National Land Agency**

Implementation of Geospatial and Agrarian Infrastructure Information Program

1. Program Title	: Implementation of Geospatial Information and Agrarian Infrastructure Program
2. Executing Agency	: Ministry of Agrarian and Spatial Planning/ National Land Agency

3. Background and Justification

The holistic-thematic, integrative, and spatial approach is needed to achieve the 9 national priorities agenda of Nawa Cita. This is to ensure the effective and efficient use of existing resources. One important requirement to implement the approach is spatial data, which is complete and can be shared between sectors with their own technical criteria, including in the field of land. One mandate of the Medium-Term National Development Plan 2015-2019 in the field of land is to build a system of Land Registration Positive Publication which among others is manifested in the form of infrastructure of land maps and implementation of land registration with systematic pattern.

To achieve these targets, the Indonesian government seeks to accelerate land registration by changing the target of asset legalization per year and provision of land map infrastructure consisting of provision of Land Information Map (PIBT) and provision of land map infrastructure through capacity building of data center of land and administration room. Increasing data center capacity is a manifestation of the service and management of land as a whole throughout the territory of Archipelagic State of The Indonesian Republic (NKRI).

Based on Presidential Regulation of The Republic of Indonesia Number 9 of 2016, Government of Indonesia has established One Map Policy; however the implementation of this policy has not been fast enough to achieve the deal condition to support the analysis of planning through approaches above. In addition, the condition of spatial data of land, especially the completeness of spatial data plots are still sorely lacking, the covered areas of land certified in 2015 only reached 12.5 percent of the territory of non-forested area. While the data and plot the spatial information is urgently needed and the basis for technical planning and provision of land for development in the public interest.

Given the importance of land data that is a state asset, its management must meet the requirements and standards of good data and information governance.

4. Scope of Work

- 1) Development of agrarian infrastructure and assets legalization including policy framework;
- 2) Development of one map data framework and National Spatial Data Infrastructure (NSDI) standard, format, and data sharing policy and protocol;
- 3) Formulating and consolidating of thematic data definitions from line ministries; sub-national government and private sources;
- 4) Upgrading of the existing NSDI facilities and user applications, and improvement of geoportal and ICT system to increase accessibility and speed;
- 5) Compilation of thematic geospatial data and conversion of key existing sectoral geospatial data archives into one map data framework;
- 6) Integration and verification of Thematic Geospatial Information (IGT) against the Base Geospatial Information (IGD);

- 7) Synchronization through village-level boundary demarcations of various land uses to enhance one map by displaying agreement and the lack thereof on land use at the district level.

5. Outcomes

The availability of acceleration of land registration and spatial data which appropriate with the definition, structure, and operational criteria of one map for the development planning process in order to achieve Nine Priorities Goal of President (NAWACITA) through holistic-thematic, integrative, and spatial approach.

6. Main Target of the National Development in RPJMN 2015-2019: Main Sector Development.

7. Indications of Financing Need

Loan	:	USD	200,000,000
Grant	:	USD	2,000,000
Counterpart Funding	:	USD	0
Total Financing	:	USD	200,000,000

1. Project Title	: Program to Accelerate Agrarian Reform
2. Program Title	: Implementation of Geospatial Information and Agrarian Infrastructure Program
3. Executing Agency	: Ministry of Agrarian and Spatial Planning/ National Land Agency
4. Implementing Agency	: 1. Ministry of Agrarian and Spatial Planning/ National Land Agency (BPN) 2. Geospatial Information Agency (BIG)
5. Duration	: 48 months
6. Location	: National

7. Scope of Works

- 1) Component 1 - Infrastructure Development of Agrarian, consisting of 2 (two) sub components:
 - a. Complete systematic land registry
 - b. Improvement of land data center capacity
- 2) Component 2 - Development of the National Spatial Data Infrastructure, consisting of 3 (three) sub components:
 - a. Densification and quality improvement of Geodetic Control Network (Vertical and Horizontal)
 - b. Improvement of content and quality of spatial data in the National Spatial Data Network (Jaringan Data Spasial Nasional-JDSN)
 - c. Capacity and utilization including the National Spatial Data Network Systems and inter sectoral dashboard for senior officials, and public access to geospatial information through the Geoportal
- 3) Component 3 - Developing Policy Framework, consisting three (3) sub components:
 - a. Translations of One Map Policy in the form of a definition, structure and operational criteria down to the user level to supporting Agrarian Reform
 - b. Preparation of grand strategy and technical basis for the improvement and development One Map policy implementation
 - c. Preparation of the operational framework for implementation, including standards and technical procedures, data exchange protocol and design projects.

8. Outputs

- 1) Component 1: Land information field map and development of data center infrastructure Pusdatin (Cluster Data Center) and supporters in Eastern Indonesia Region, Central Indonesia Region, Western Indonesia Region.
- 2) Component 2:
 - a. Densification of the vertical control network as much as 200 points, and horizontal control networks as much as 150 points
 - b. Provision of digital geospatial base information equivalent of 500 sheets of national base map coverage at scales of 1:50,000 and 1: 5,000
 - c. Compilation of thematic digital geospatial information of sectoral data and areas for major themes that are needed in the development of priority areas
 - d. Improvement of human resources capacity of up-to 100 personnel.

- 3) Component 3:
 - a. National strategy for the implementation One Map Policy covering technical regulatory, institutional, and investment and financing plans
 - b. Draft operational procedures, including relevant presidential decrees and ministerial regulations providing technical guidelines for implementation

9. Project Cost

<ul style="list-style-type: none">Foreign Funding<ul style="list-style-type: none">Loan : US\$ 200,000,000Grant : US\$ 2,000,000			<ul style="list-style-type: none">Counterpart Funding<ul style="list-style-type: none">Central Government : US\$ 0Regional Government : US\$ 0State-Owned Enterprise : US\$ 0Others : US\$ 0		
<hr/> Subtotal : US\$ 202,000,000			<hr/> Subtotal : US\$ 200,000,000		
TOTAL : US\$ 202,000,000					

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