

Sharing on 69 projects ready to offer for foreign investment in sustainability sectors

Thursday, 13 April 2023

Direktorat Perencanaan Sumber Daya Alam



Sustainable Investment Projects

OBJECTIVE

1

- To build master data of investment opportunities that contain comprehensive information needed by investors
- To eliminate various uncertainty factors often faced by investors before stepping to the construction phase, such as the 'clean and clear' land status, availability of raw materials, and workforce

STRATEGY

2

- BKPM conducts the preparation of potential projects from 34 provinces.
- The targeted projects refer to the list of major projects in the 2020-2024 Medium-Term National Development Planning (RPJMN), the Presidential Regulation on National Strategic Projects (PSN), and other national policies.

OUTPUT DISPLAY

4



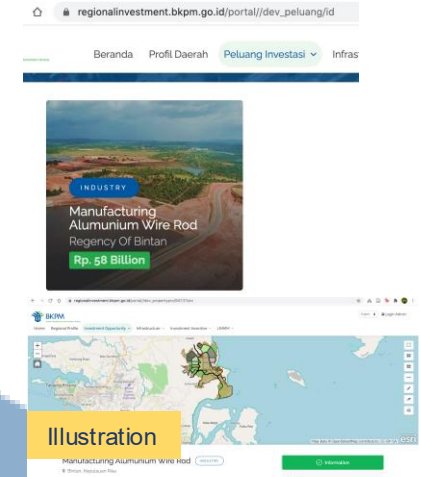
Illustration

Pre-FS



Illustration

Info Memos & Infographics



Illustration

Spatial Based Project Information

OUTPUT AND TARGET

3

Pre Feasibility Study (Pre-FS) Document

- Pre-FS includes: analysis of legal, administrative, and technical aspects, economic feasibility, social & environmental impacts, business model schemes, government and stakeholder support.
- Total 2020-2022: 69 projects in 34 provinces



The investment projects are expected to have a direct impact on the achievement of the 17 SDGs.

TOP 5
To contribute to the SDGs' goals



Project Summary

Total 69 Projects
Investment Value **Rp 192,44 Trillion/~US\$12.7 billion**



Tourism

12 Projects
Rp 5.78 Trillion



Industry

26 Projects
Rp 83.96 Trillion



Economic Zones

14 Projects
Rp 48.25 Trillion



Infrastructure

6 Projects
Rp 49.17 Trillion



**Food and
Agriculture**

9 Projects
Rp 4.42 Trillion



Energy

2 Projects
Rp 0.86 Trillion

PROJECT PROFILE

1. SOLAR POWER PLANT BANTEN PROVINCE

PROJECT PROFILE

Towards Indonesia Zero Emissions



Sunlight



Solar Panels



Electric Power
50 Mw

1. Banten Province has a PLTS quota of 435 MW until 2030 (RUPTL 2021-2030).
2. PLTS Banten 50 MWp will support energy needs in the Integrated South Coast Region of Banten Province.
3. The electricity infrastructure in southern part of Banten will be stronger with the connection of the Malimping Substation and the Bayah Substation with the transmission network of 150 kV in 2024.
4. Annual electricity demand growth in Banten is projected at 3.33% (moderate scenario, RUPTL 2021-2030).
5. Electricity is channeled through the Java-Madura-Bali electricity infrastructure (Grid Connected, without battery).

Project Location

Cihara District,
Lebak Regency,
Banten Province.

Land Area

50
HECTARES

Land Status

Production Forest (no longer productive) managed by Perhutani, can be utilized for PLTS.

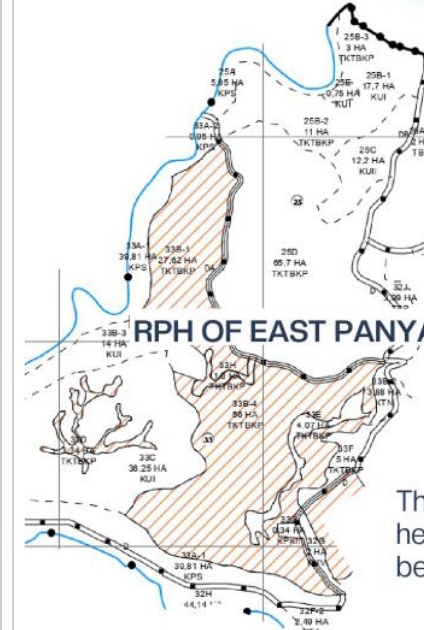
Land Price

Estimated rental price
IDR 30,975/m² during the
project (25 years).



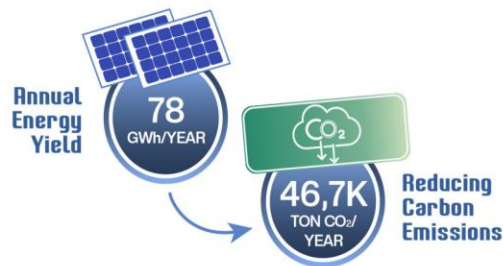
BANTEN
PROVINCE

DEVELOPMENT PROSPECT



There is an area of 87.5 hectares available which can be utilized for a 50 MWp PLTS.

Production Target



The 50 MW PLTS project in Banten Province is targeted to generate electricity of 78 GWh/year with a target of reducing carbon emissions of up to 46.7 Kilo Tons of CO₂/year

Financial Feasibility

This project has an investment value of **IDR 403,01 billion***

*Investment Value is calculated based on CAPEX + NWC value

IDR
401,94
billion

CAPEX
Capital
Expenditure

IDR
1,07
billion

NWC
Net Working
Capital
(OPEX 2 Months)

7,78
percent

WACC
Weighted Average
Cost of Capital

13,02
percent

IRR
Internal Rate
of Return

IDR
152,19
trillion

NPV
Net Present
Value

6 years
8 months

PP
Payback
Period

SDGs Achievement Projection Target



PROJECT PROFILE

2. SOLAR POWER PLANT EAST KALIMANTAN PROVINCE

PROJECT PROFILE

The New Capital City called Nusantara as a central government area is the new capital as a central government area and green innovation, which uses 100% renewable energy

POPULATION PROJECTION



SUPPLY & DEMAND



The demand for electric power until 2024 is projected to be 95.5 MW

The Kalseltengtimra area has a solar power plant quota of 50 MW (grid-connected) according to the 2021-2030 RUPTL

Project Location

Sepaku District,
North Penajam Paser Regency,
East Kalimantan Province.

Land Area



Land Status

Located in the South IKN Planning Area, which is allocated for the development of new renewable energy.

Land Price

Land Compensation:
IDR 90,000/m²



DEVELOPMENT PROSPECT



SITE PLAN

There are three blocks of solar power plant development plans that can be adjusted to population growth and electricity needs in IKN.

- 1 Solar Panel
- 2 Generator House

Production Target

Electricity Production Estimation



With an average irradiation (GHI) of 4.36-4.37 kWh/m², the annual electricity generated on-site can reach 74.73 GWh per year or 220-522 kWh per day per m² during the day.

Financial Feasibility

This project has an investment value of **IDR 465.22 billion***

*Investment Value is calculated based on CAPEX + NWC value



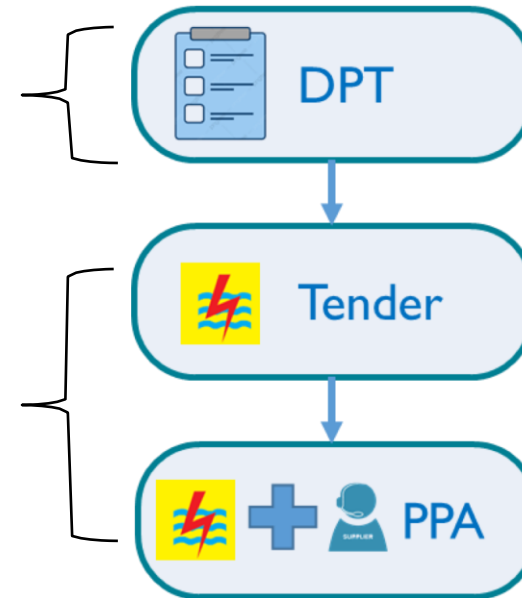
SDGs Achievement Projection Target



MECHANISM OF RE PROJECT DEVELOPMENT FOR IPP Scheme



- *DPT (Daftar Penyedia Terseleksi) / Pre Approved List at <http://eproc.pln.co.id> (schedule refer to each subject e.g Hydro, Minihydro, Bio Energy, Solar PV, Wind Power)*
- *The procurement refer to the applicable regulations and PLN's provision*
- *Current regulation : Minister of Energy and Mineral Resources ("MEMR") No. 4 of 2020 on the Utilisation of Renewable Energy ("RE") Resources for Electricity.*



PROJECT PROFILE

3. SOLAR PANEL INDUSTRY BANTEN PROVINCE

PROJECT PROFILE

Solar Panels EBT Mixed Assets for the Archipelago



- Indonesia has abundant potential for New Energy of Renewable Energy (EBT). However, its utilization remains relative small.
- Government efforts to encourage EBT-based industrial development in achieving contribution targets development of EBT generators of 51.6% of the total generation electricity in 2021-2030 Electricity Supply Business Plan (RUPTL). PERPRES Number 74/2022: National Industrial Policy 2020-2024.
- The government is committed to reducing Greenhouse Gas (GHG) emissions by 29% by 2030, as stated in the Paris Agreement's Nationally Determined Contributions (NDCs).

Project Location

Cikande Serang Modern Industrial Area, Kibin District, Serang Regency, Banten Province.

Land Area

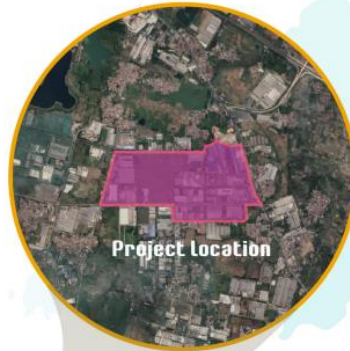
2,3 HECTARES

Land Status

The Right of Building

Land Price

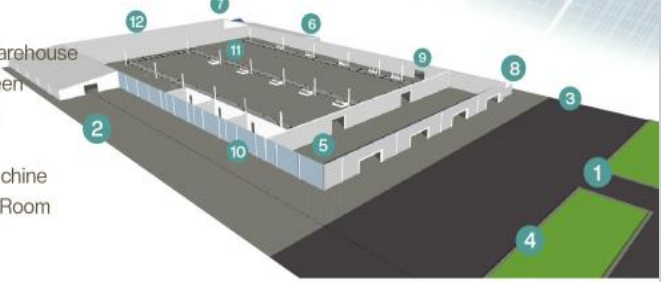
Estimated purchase price IDR 2,000,000/m²



BANTEN PROVINCE

DEVELOPMENT PROSPECT

- Main Gate
- Incoming Warehouse
- Parking Area
- Park
- Finish Goods Warehouse
- Employee Canteen
- PLN Substation
- Toilet
- Compressor Machine
- Quality Control Room
- Process Area
- Main Office



Infrastructure

Electricity



Capacity: >500 MVA
Needs: 1110KVA

Water Treatment Plant



Capacity: 1,296 KL
Needs: 26KL / Month

Telecommunications



Supplied by PT. Telkom Indonesia, with Capacity 5.000 Connection Lines

Production Targets

Main Products:

Own Needs

29.705.668 units

For Sale

13.696.020 units



WP 330 30.056 units

WP 440 210.389 units

WP 560 60.111 units

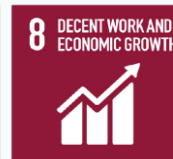
Financial Feasibility

This project has an Investment Value of **IDR 1.01 trillion***

*Investment Value is calculated based on CAPEX + NWC value



SDGs Achievement Projection Target

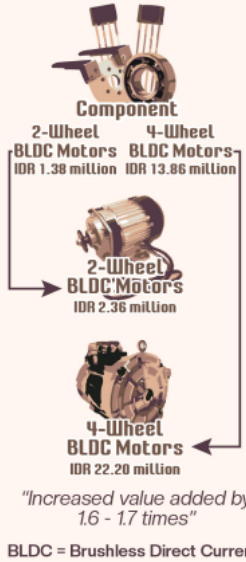


PROJECT PROFILE

4. ELECTRIC MOTOR INDUSTRY

PROJECT PROFILE

Indonesia's Electric Motor Industry Towards the Era of Electric Vehicles



- The need for electric motors as one of the main components of electric vehicles will increase, aligning with the Indonesian Government's efforts to accelerate the Battery Electric Vehicle (KBLBB) program.
- The electric motor industry is one of the investment priority industries that contributes to strengthening the structure of the electric vehicle ecosystem in Indonesia, especially in West Java.
- The domestic component level (TKDN) of electric vehicles of 80% in 2030 will receive full support from the

Project Location

Greenland International Industrial Center (GIIC) Industrial Estate, Central Cikarang District Bekasi Regency, West Java Province.

Land area

6 HECTARES

Land Status

Building rights.

Land Price

The estimated purchase price is IDR 2,664,000/m².



DEVELOPMENT PROSPECTS

- Business & Clustering
- Parking
- Office
- Research and Development
- Green Open Space (RTH) / Evacuation
- Management
- Waste Disposal
- BLDC Motor Production Line for 2-Wheel Electric Vehicles
- BLDC Motor Production Line for 4-Wheel Electric Vehicles

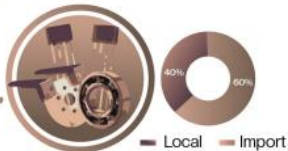


Infrastructure

Raw Water	Electricity	Telecommunication
<p>Situ Abidin Reservoir, Citarum River Distance: 1-2 km Needs: 50,000 liters/day</p>	<p>Substation Deltamas 1,000 MVA, Substation Cibatu 2,000 MVA Needs: 2 MW</p>	<p>Wireless and fiber optic telecommunications networks are available through Telkom Hyperscale Data Center</p>

Production Targets

Raw Material:
Rotor, Stator, Controller, Bracket, Bearing, and Casing



Financial Feasibility

This project has an Investment Value of **IDR 374.11 billion***

*Investment value is calculated based on CAPEX + NWC value



SDGs Achievement Projection Target



PROJECT PROFILE

5. INTEGRATED CHARGING STATION FACILITY DKI JAKARTA PROVINCE

PROJECT PROFILE

Standard Classification of Indonesian Business Fields (KBLI)

35114 - Sales of Electricity Power

Location
Setia Budi Area, West of The Wave Apartment Land

Capacity
7 Floors

- Floor
- 1** 21 Units of SPKLU
- B1, B2, 2, 3, 4 Conventional Car Park
- 5** Tenant (Rooftop Cafe)

Land Area
Area of 1900 m²



Electric Vehicle Supporting Infrastructure is carried out to support the Industry 4.0 Major Project (Perpres18/2020) and the Battery-Based Electric Motor Vehicle Acceleration Program (Perpres No.55/2019).

Demand

Use of electric vehicles are needed to reduce carbon emissions. Thus, it is necessary to develop the supporting infrastructures, including the construction of a Public Electric Vehicles Charging Station (SPKLU)



People Movement

The highest is from South Jakarta Block to the Urban Center Block with a size of **397.448 trips/day**, followed by the East Jakarta Block to the Urban Center Block with a size of **346.843 trips/day**



Power Supply

Supply Capable Power : **37.239,4 MW**
Peak Load : **26.389,9 MW**
Reserve : **10.849,5 MW**
Electrification Ratio : **99%**



Growth Trend

The Growth of electric vehicles in 2030 is estimated to reach 2.2 million units and SPKLU is required in **2030 reach 31.866 units**



Aspek Finansial

Indicative Investment Value : Rp. 67.32 Billion
NPV : Rp 21.6 billion
IRR: :10.7%,
Payback Period :10.2 years



ACCESSIBILITY



Detailed Spatial Plan Pattern Directive



Proximity to the location of the PLN substation



Not a flood area / does not have a flood risk



Electric Vehicle strategic route



Transport development policy

SDGs Achievement Projection Target



PROJECT PROFILE

6. CARGO VILLAGE INTEGRATED WAREHOUSE AREA KULONPROGO, DAERAH ISTIMEWA YOGYAKARTA

Project Profile

- PROJECT TYPE**
Warehousing Area
- PROJECT LOCATION**
Pantai Glagah Street
Plumbon Distric, Kulon Progo Regency
Special Region of Yogyakarta Province
- INVESTMENT VALUE:**
RP 274 BILLION
- CAPACITY**
 - Domestic Cargo
1,056 ton / 9,600 m²
 - International Cargo
2,581 ton / 23,790 m²

Project Location

- LAND AREA**
10.7 Ha
- LAND STATUS**
Right of Ownership (SHM)
- COOPERATION SCHEME**
Private Partnership
- LAND PRICE**
Rp 846,900/m²
For sale (based on 2020 Acquisition Duty of Right on Land and Building transaction price)

The location is 9 minutes from Yogyakarta International Airport.

WHY WAREHOUSING

- The new airport
- There is no warehousing area in the Special Region of Yogyakarta
- Special Region Commodities were sent outside the Special Region of Yogyakarta (Semarang, Jakarta)

ZONE OFFERED

- ECS (Export Consolidation Services)
- BLC (Bonded Logistics Center)
- TSP (Temporary Storage Place)
- Domestic Warehouse
- TCHS (Temporary Container Hoarding Site)

Financial Feasibility

Indicative Investment Value	: RP 274 Billion
NPV	: Rp 76.6 billion
IRR	: 12.6%
Payback Period	: 13.6 years

SDGs Achievement Projection Target

1 NO POVERTY	6 CLEAN WATER AND SANITATION	8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	17 PARTNERSHIPS FOR THE GOALS

ACCESSIBILITY SUPPORT

HIGHWAYS <ul style="list-style-type: none"> Yogyakarta National Road – Purworejo Status: Existing Arterial Road 979 m away from the project Southern Highway that connects Yogyakarta & Cilacap Status: Existing Arterial Road 1,55 km away from project Solo – Cilacap Toll road Status: Toll Road (Plan) 4,14 km away from the project Semarang – Yogyakarta Toll Road Status: Toll Road (Plan) 4,14 km away from the project 	RAILWAYS <ul style="list-style-type: none"> Yogyakarta Trase Jakarta – Wates Station Status: Existing Railway Trase Yogyakarta Bandara – Stasiun Bandara Status: Jalur KA Eksisting
AIR TRANSPORT The existence of Yogyakarta International Airport (10 minutes from the planned Warehousing)	

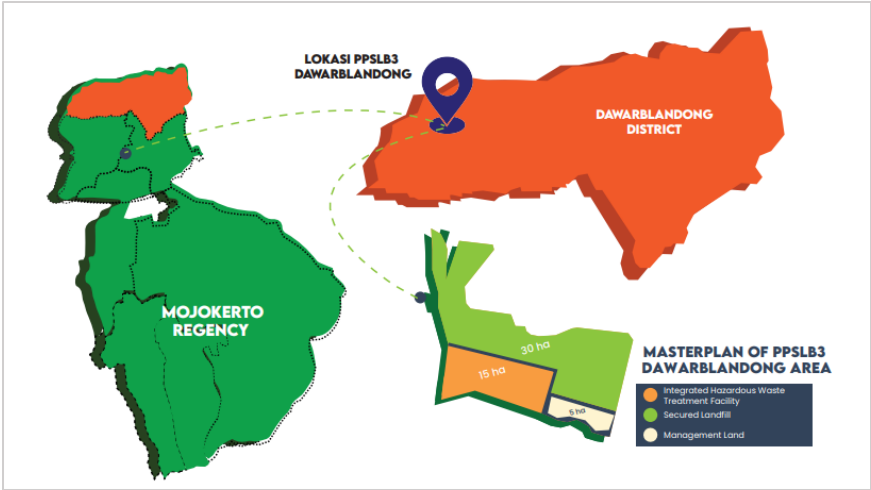
PROJECT PROFILE

7. DEVELOPMENT OF HAZARDOUS AND TOXIC WASTE TREATMENT CENTER IN DAWARBLANDONG


Project Profile


 <p>PROJECT LOCATION Dawarblandong District Mojokerto Regency</p>	 <p>LAND AREA 45 ha</p>		
 <p>MANAGEMENT PT Pratama Jatim Lestari</p>			
 <p>PRODUCTION CAPACITY</p> <table border="0"> <tr> <td>SECURED LANDFILL (30 HA) 128.000 ton/year (SL)</td> <td>INTEGRATED HAZARDOUS WASTE TREATMENT FACILITY (15 HA) 56.500 ton/year (IHWT) 21.600 ton/year(SL)</td> </tr> </table>	SECURED LANDFILL (30 HA) 128.000 ton/year (SL)	INTEGRATED HAZARDOUS WASTE TREATMENT FACILITY (15 HA) 56.500 ton/year (IHWT) 21.600 ton/year(SL)	
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 <p>INVESTMENT VALUE</p> <table border="0"> <tr> <td>SECURED LANDFILL (30 HA) RP 1,25 TRILLION</td> <td>INTEGRATED HAZARDOUS WASTE TREATMENT FACILITY (15 HA) RP 1,67 TRILLION</td> </tr> </table>	SECURED LANDFILL (30 HA) RP 1,25 TRILLION	INTEGRATED HAZARDOUS WASTE TREATMENT FACILITY (15 HA) RP 1,67 TRILLION	
SECURED LANDFILL (30 HA) RP 1,25 TRILLION	INTEGRATED HAZARDOUS WASTE TREATMENT FACILITY (15 HA) RP 1,67 TRILLION		


Project Location



 In 2021 there were 9 Industrial Estates in East Java Province with quite high industrial growth.

 Unmanaged HW waste of around **855,000 to 1,000,000 tons per year.**

 There is only one existing location of HW Treatment Center, located in West Java.

 The strategic location of Development of Hazardous and Toxic Waste Treatment Center (PPSLB3) in Dawarblandong in East Java can serve the HW waste market that has not been managed from East Java to Eastern Indonesia.

Financial Feasibility

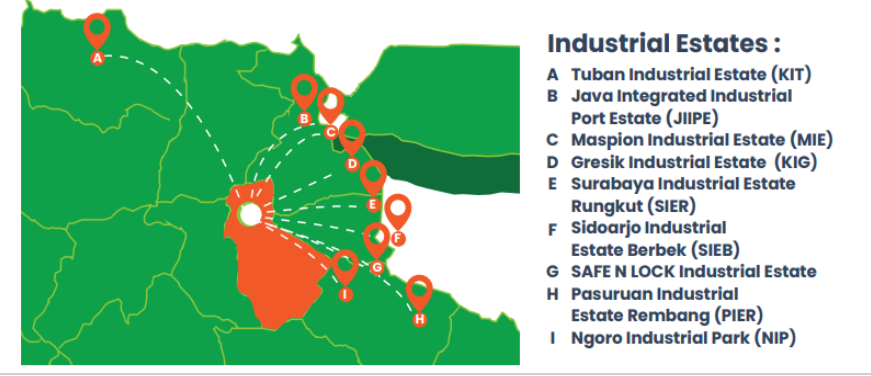
Indicative Investment Value : RP 2.92 Trillion

NPV : Rp 187.8 billion

IRR: : 15.8%

Payback Period: : 6.2 years

DISTANCE OF DEVELOPMENT OF HAZARDOUS AND TOXIC WASTE TREATMENT CENTER (PPSLB3) IN DAWARBLANDONG - INDUSTRIAL ESTATE IN EAST JAVA

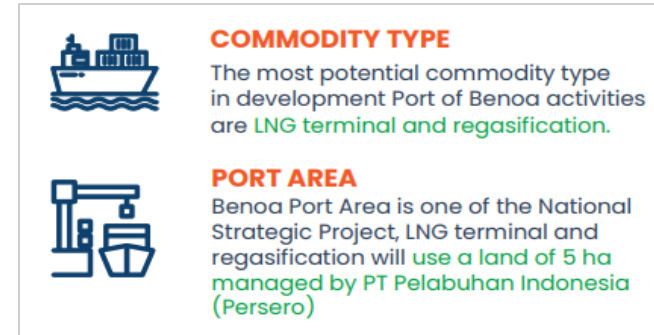
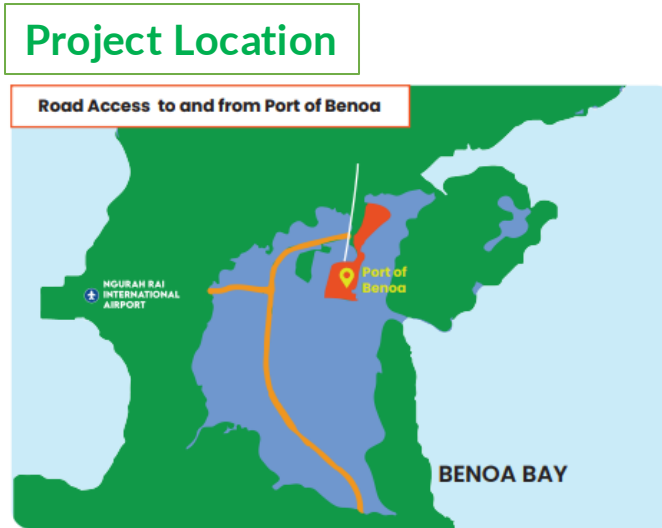
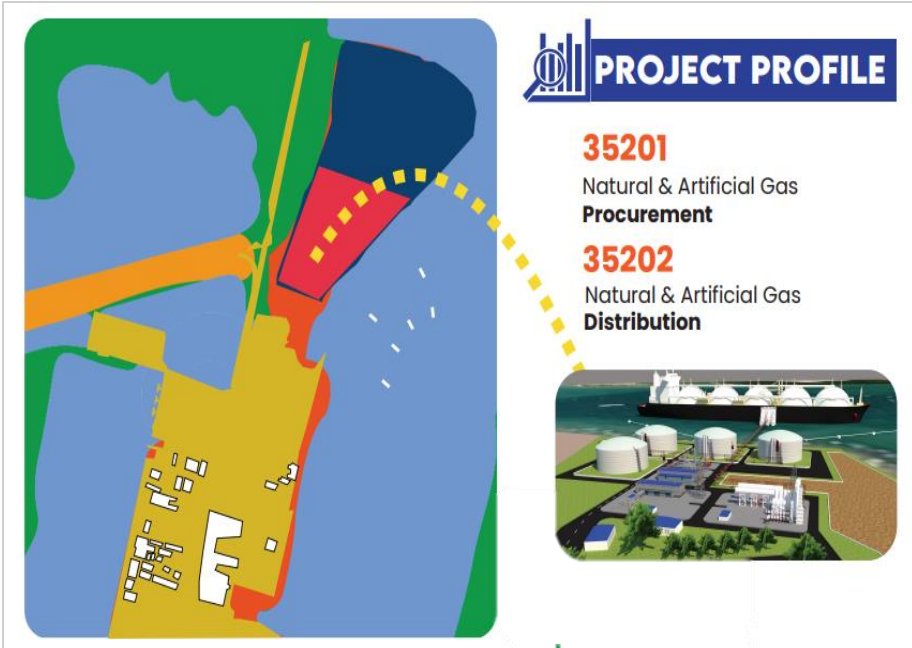


SDGs Achievement Projection Target



PROJECT PROFILE

8. LIQUEFIED NATURAL GAS (LNG) TERMINAL AND REGASIFICATION BENOA HARBOUR, BALI



Financial Feasibility

Indicative Investment Value	: RP 1.62 Trillion
NPV	: Rp 384.8 billion
IRR	: 13.86%
Payback Period	: 11.7 years



- The project offered is the Development of Integrated Port Network which includes:
 - The construction of port services for container and logistics services;
 - The development of the Integrated Port Area of the Public Port which includes passenger terminals, hotels, and offices;
 - The development of tourism ports.
- The land to be developed is 3.57 ha plus 5 ha (reclamation of container stacking field) and 3 ha for the development of public ports.
- The development of the Sorong port is planned on land owned by PT Pelindo IV (Persero) with the status of Management Rights (HPL), and the development of the public port is on land owned by the Sorong Regional Government (Sorong City Transportation Service).

Project Location



PROFILE OF SORONG PORT (EXISTING)



PORT COMMERCIAL SERVICES



Ship Services

- Boat guide service .
- Commercial & Non Commercial & Non Commercial Ports and Special Terminals.



Passenger

- Passenger terminal
- Embarkation and debarkation passengers.



Container and Goods Services

- Container & freight terminal
- Loading and unloading services, from shipment to delivery to the owner of the goods.



Other Services

- Management of property, land, buildings, etc.
- Rental of warehouses and equipment, water and electricity supply, maintenance and others.



Financial Feasibility

Indicative Investment Value : RP 5.45 Trillion

NPV : Rp 174 billion

RR : 11,5%

Payback Period : 20 years

SDGs Achievement Projection Target



PROJECT PROFILE

10. BITUNG INTERNATIONAL PORT

Project Profile

- Bitung Port is one of the ports included in the Development of Integrated and Integrated Port Network in Seven Ports in Indonesia and is also included in the Strategic Priority Project.
- The concept of Bitung Port development will focus on container loading and unloading activities and logistics aimed at the International market.



Financial Feasibility

Indicative Investment Value : RP 38.84 Trillion

NPV : Rp 2,93 trillion

IRR : 9,5%

Payback Period : 30 years

Project Location



BITUNG PORT

- Import
- Export
- Europe



EXPORT – IMPORT

SDGs Achievement Projection Target





Thank You

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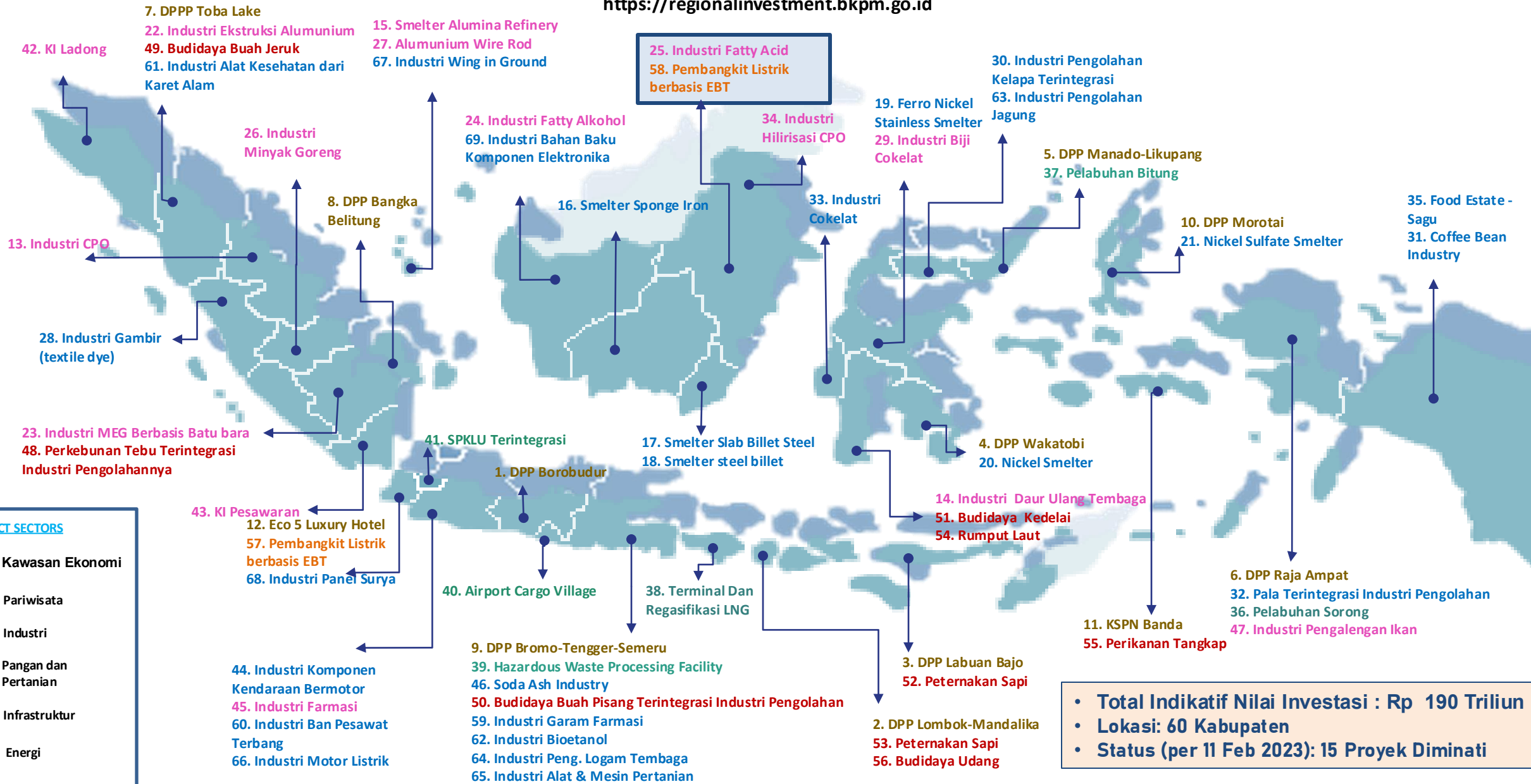
Bkpm.go.id

investindonesia.go.id



Highlight Sektor: 69 Proyek Peta Peluang Investasi Tahun 2020-2022

<https://regionalinvestment.bkpm.go.id>



- Total Indikatif Nilai Investasi : Rp 190 Triliun
- Lokasi: 60 Kabupaten
- Status (per 11 Feb 2023): 15 Proyek Diminati

Summary of 2 Sustainable Investment Projects in Energy Sector

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
1	Cihara District	Lebak Regency, Banten Province	Solar Power Plant	Rp. 403.01 Billion	NPV Rp. 152.19 Billion IRR 13.02% Payback Period 6.6 years
2	Pemaluan Village, Sepaku District	North Penajam Paser Regency, East Kalimantan Province	Solar Power Plant	Rp. 465.22 Billion	NPV Rp. 104.15 Billion IRR 11.05% Payback Period 7.1 years

Summary of 6 Sustainable Investment Projects in Infrastructure Sector

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
1	Bitung Harbor, North Sulawesi	Bitung, North Sulawesi	Bitung International Port	Rp 38.835.029.000.000	NPV: Rp 2,93 trillion; IRR: 9,5%; Payback Period: 30 years
2	Sorong Harbor, West Papua	Sorong, West Papua	Passenger Port and People's Port	Rp 5.449.029.000.000	NPV: Rp 174 billion; IRR: 11,5%; Payback Period: 20 years
3	South Jakarta, DKI Jakarta	South Jakarta	Electric Vehicle Support Facilities	Rp 67.319.523.704	NPV: Rp 21,6 billion, IRR: 10,7%, Payback Period: 10,2 years
4	Kulon Progo, DI Yogyakarta	Kulon Progo	Yogyakarta Integrated Warehousing Area	Rp 274.056.500.000	NPV: Rp 76,6 billion, IRR: 12,6%, Payback Period: 13,6 years
5	Mojokerto, East Java	Mojokerto	Construction of Dawarblandong Waste and Hazardous and Toxic Waste Processing Center	Rp 2.920.000.000.000	NPV: Rp 187,8 billion, IRR: 15,8%, Payback Period: 6,2 years
6	Denpasar, Bali	Denpasar	LNG Terminal and Regasification at Benoa Port	Rp 1.620.000.000.000	NPV: Rp 384,8 billion, IRR: 13,86%, Payback Period: 11,7 years

Summary of 26 Sustainable Investment Projects in Industrial Sector (1/4)

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
1	Tanjung Balai Karimun Smelter Industry, Riau Islands	Karimun, Riau Islands	Alumina Smelter	Rp 7.685.000.000.000	NPV: Rp 4,6 trillion; IRR : 9,22%; Payback Period: 11 years
2	Smelter Industry in West Kotawaringin, Central Kalimantan	West Kotawaringin, Central Kalimantan	Iron Ore Smelter	Rp 1.609.500.000.000	NPV: Rp 891,7 billion; IRR: 9,84%; Payback Period: 11 years
3	Kotabaru Smelter Industry, South Kalimantan	Kotabaru, South Kalimantan	Iron Ore Smelter	Rp 6.312.929.960.000	NPV: Rp 1,37 trillion; IRR: 12,7%; Payback Period: 11,6 years
4	Tanah Bumbu Smelter Industry, South Kalimantan	Tanah Bumbu, South Kalimantan	Iron Ore Smelter	Rp 5.523.152.022.000	NPV: Rp 9,8 trillion; IRR: 10,79%; Payback Period: 7,08 years
5	East Halmahera Smelter Industry, North Maluku	East Halmahera, North Maluku	Nickel Smelter	Rp 8.745.675.000.000	NPV: Rp 8,1 trillion; IRR: 11,25%; Payback Period: 10 years
6	North Kolaka Smelter Industry, Southeast Sulawesi	North Kolaka, Southeast Sulawesi	Nickel Smelter	Rp 6.824.135.000.000	NPV: Rp 8,2 trillion; IRR: 12,54%; Payback Period: 7 years
7	North Morowali Smelter Industry, Central Sulawesi	North Morowali, Central Sulawesi	Ferro Nickel Smelter	Rp 5.225.075.000.000	NPV: Rp 1,19 trillion; IRR: 13,47%; Payback Period: 8,66 years

Summary of 26 Sustainable Investment Projects in Industrial Sector (2/4)

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
8	Padang Pariaman, West Sumatra	Padang Pariaman	Natural Textile Dye Industry Made from Gambir	Rp 189.150.395.714	NPV: Rp 48,8 billion, IRR: 15,7%, Payback Period: 6,4 years
9	Polewali Mandar, West Sulawesi	Polewali Mandar	Cocoa Powder and Cocoa Fat Processing Industry	Rp 956.046.210.425	NPV: Rp 481,8 billion, IRR: 17,2%, Payback Period: 7,4 years
10	Gorontalo, Gorontalo	Gorontalo	Integrated Coconut Processing Industry Agglomeration Through Green Industry	Rp 643.834.629.000	NPV: Rp 242,69 billion, IRR: 17,8%, Payback Period: 6 years
11	Jayapura, Papua	Jayapura	Papuan Coffee Processing Industry Wamenda Specialty Coffee Arabica Roasted Bean & Papua Cendrawasih Powder Coffee	Rp 351.306.818.298	NPV: Rp 158,15 billion, IRR: 11,7%, Payback Period: 6,3 years
12	Jayapura, Papua	Jayapura	Papua's Integrated Sago Starch Industry	Rp 660.831.765.908	NPV: Rp 183 billion, IRR: 12,6%, Payback Period: 9,5 years
13	Fak-Fak, West Papua	Fak-Fak	Development of Integrated Nutmeg Plantation with Plantation Product Processing Industry	Rp 1.840.175.000.000	NPV: Rp 7,3 trillion, IRR: 18%, Payback Period: 12 years
14	Bekasi, West Java	Bekasi	Industry of Brake System and Suspension System Components for Motor Vehicles	Rp 2.282.310.000.000	NPV: Rp 99,4 billion, IRR: 14,5%, Payback Period: 7,3 years
15	Sumenep, East Java	Sumenep	Development of Salt Downstream-Based Soda Ash Industry	Rp 3.080.000.000.000	NPV: Rp 605 billion, IRR: 11,7%, Payback Period: 7,2 years

Summary of 26 Sustainable Investment Projects in Industrial Sector (3/4)

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
16	Gresik Special Economic Zone (SEZ Gresik), Java Integrated Industrial and Port Estate (JIPE)	Gresik, East Java	Agriculture Machinery Industry	Rp 784.830.000.000	NPV: Rp 426,37 billion, IRR: 20,1%, Payback Period: 5 years
17	Medan Industrial Estate	Deliserdang, North Sumatera	Natural Rubber-based Medical Device Industry	Rp 367.000.000.000	NPV: Rp 305,7 billion, IRR: 20,07%, Payback Period: 5,1 years
18	Kertajati International Industrial Estate Majalengka (KIEM)	Majalengka, West Java	Natural Rubber-based Aircraft Tire Industry	Rp 2.730.000.000.000	NPV: Rp 113,6 billion, IRR: 12,75%, Payback Period: 9,75 years
19	Gayam Industrial Designated Area	Bojonegoro, East Java	Bioethanol Industry	Rp 2.810.000.000.000	NPV: Rp 659,44 billion, IRR: 12,8%, Payback Period: 7,6 years
20	Ketapang Industrial Zone	Ketapang, West Kalimantan	High-Purity Aluminium Ingot Industry as Electronic Components Raw Material	Rp 4.480.000.000.000	NPV: Rp 4,6 Trillion, IRR: 14,46%, Payback Period: 6,9 years
21	PT Garam Manyar, Gresik Regency	Gresik, East Java	Pharmaceutical Salt Self-Industry	Rp 607.950.000.000	NPV: Rp 73 billion, IRR: 14,52%, Payback Period: 6 years
22	KI Greenland International Industrial Center (GIIC)	Bekasi, West Java	Electric Motor Industry For Electric Vehicles	Rp 374.110.000.000	NPV: Rp 180,98 billion, IRR: 17,5%, Payback Period: 6 years

Summary of 26 Sustainable Investment Projects in Industrial Sector (4/4)

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
23	Modern Cikande Industrial Estate	Serang, Banten	Solar Panel Industry	Rp 1.010.000.000.000	NPV: Rp 1.36 trillion, IRR: 18,38%, Payback Period: 4,5 years
24	Tibawa Pulubala Industrial Designated Area, Gorontalo Regency	Gorontalo, Gorontalo	Animal Feed Industry	Rp 797.190.000.000	NPV: Rp 501,98 billion, IRR: 16,62%, Payback Period: 7,6 years
25	Gresik Special Economic Zone (SEZ Gresik), Java Integrated Industrial and Port Estate (JIPE)	Gresik, East Java	Copper Processing Industry	Rp 17.190.000.000.000	NPV: Rp 7.1 triliun, IRR: 15,99%, Payback Period: 11,3 years
26	Bintan Inti Industrial Estate	Bintan, Riau Islands	Industri Wing in Ground	Rp 877.750.000.000	NPV: Rp 324,17 billion, IRR: 15,21%, Payback Period: 10,7 years

Summary of 12 Sustainable Investment Projects in Tourism Sector (1/2)

No	Project Location	Regency/City	Project Name	Indicative Investment Value	Remark
1	DPP Borobudur	Magelang	Transito Hotel & Convention	Rp 298.521.600.000	NPV: Rp 70 billion; IRR: 17,4%; B/C Ratio: 1,5; Payback Period: 8 years
2	DPP Lombok-Mandalika	Central Lombok, NTB	Mandalika Convention Hall, Hotel and Resort	Rp 468.767.876.000	NPV: Rp 59,1 billion; IRR: 19,71%; Payback Period: 5,85 years
3	DPP Labuan Bajo	West Manggarai, NTT	The Kelor's Gateway Hotels & Villas	Rp 417.290.215.430	NPV: Rp 656,8 billion; IRR: 12,82%; B/C Ratio: 2,67; Payback Period: 7,77 years
4	DPP Wakatobi	Wakatobi, Southeast Sulawesi	Cottage by The Beach	Rp 50.215.548.053	NPV: Rp 48,37 billion; IRR: 13,09%; B/C Ratio: 1,96; Payback Period: 5,01 years
5	DPP Manado-Likupang	North Minahasa, North Sulawesi	Development of Tourism Area on Surawaya Beach	Rp 929.569.868.188	NPV: Rp 30,06 billion; IRR: 10,81% B/C Ratio: 1,18; Payback Period: 5,67 years
6	DPP Raja Ampat	Raja Ampat, West Papua	Live on Board EduEco Tourism	Rp 27.737.379.100	NPV: Rp 43 billion; IRR: 13,84%; B/C Ratio: 2,21; Payback Period: 9,2 years

Summary of 12 Sustainable Investment Projects in Tourism Sector (2/2)

No	Project Location	Regency/City	Project Name	Indicative Investment Value	Remark
7	KSPN Bandaneira and its surroundings, Maluku	Central Maluku	Rhun Island Breda Pala Resort	Rp 200.101.730.640	NPV: Rp 83,82 billion, IRR: 12,15%, Payback Period: 10,92 years
8	DPP Morotai, North Maluku	Morotai Island	The Dehegila Resort: Traditional Style Meets Modern Aesthetics	Rp 127.443.285.220	NPV: Rp 16,26 billion, IRR: 12%, Payback Period: 8,5 years
9	DPP Toba Lake, North Sumatra	Samosir	Toba Resort and Natural Park	Rp 245.197.325.407	NPV: Rp 96,83 billion, IRR: 13%, Payback Period: 7,92 years
10	DPP Bangka Belitung, Bangka Belitung Island	Bangka	4-Star Resort and Convention Center	Rp 307.320.000.000	NPV: Rp 266,69 billion, IRR 13,18%, Payback Period: 7,25 years
11	KEK Tanjung Lesung, Banten	Pandeglang	Eco Luxury 5 Star Hotel Tanjung Lesung	Rp 1.750.000.000.000	NPV: Rp 725,43 billion, IRR:12,15%, Payback Period: 10,25 years
12	DPP Bromo Tengger Semeru, West Java	Lumajang	Tumpak Sewu Leisure Park	Rp 965.680.000.000	NPV: Rp 317 billion, IRR: 13,3%, Payback Period: 8,3 years

Summary of 14 Sustainable Investment Projects in Economic Zone Sector (1/2)

No	Project Name	Regency/City	Project Name	Indicative Investment Value	Remark
1	Ladong Industrial Area	Aceh Besar, Aceh	Industrial Estate Development	Rp 196.406.000.000	NPV: Rp 102,2 billion; IRR: 14,75%; B/C Ratio: 1,47; Payback Period: 8 years
2	Tanah Kuning Industrial Area	Bulungan, North Kalimantan	Downstream Oil Palm Industry	Rp 264.289.000.000	NPV: Rp 80,1 billion; IRR: 18,1%; B/C Ratio: 1,03; Payback Period: 7,2 years
3	Tanjung Buton Industrial Estate	Siak, Riau	CPO Industry	Rp 227.671.052.550	NPV: Rp 233,8 billion; IRR: 27,56%; Payback Period : 5 years
4	Galang Batang SEZ, Riau Islands	Bintan, Riau Islands	Aluminum Wire Rod Manufacturing	Rp 4.000.000.000.000	NPV: Rp 1,91 trillion; IRR: 18,89%; Payback Period: 4,02 years
5	Takalar Industrial Area	Takalar, South Sulawesi	Copper recycling industry by electrolysis process	Rp 3.080.000.000.000	NPV: Rp 1,2 trillion; IRR: 27,67%; Payback Period: 6,4 years
6	SEZ Sorong	Sorong, West Papua	Fish Canning Industry	Rp 1.657.693.688.649	NPV: Rp 321,4 billion; IRR: 27,58%; Payback Period: 6,8 years
7	Palu SEZ	Palu, Central Sulawesi	Cocoa Processing Industry	Rp 54.343.198.956	NPV: Rp 35,6 billion; IRR: 21,86%; Payback Period: 4,2 years

Summary of 14 Sustainable Investment Projects in Economic Zone Sector(2/2)

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
8	Kuala Tanjung Industrial Estate, North Sumatra	Coal	Aluminum Extrusion Industry	Rp 3.863.199.999.539	NPV: Rp 236,19 billion, IRR: 11,99%, Payback Period: 9 years
9	Kemingking Industrial Estate, Jambi	Muaro Jambi	Cooking Oil Industry	Rp 2.260.000.000.000	NPV: Rp 989 billion, IRR: 11%, Payback Period: 7,3 years
10	Tanjung Enim Industrial Estate, South Sumatra	Muara Enim	Mono Ethylene Glycol Industry	Rp 19.512.424.090.131	NPV: Rp 557,57 billion, IRR: 10,2%, Payback Period: 12,41 years
11	Pesawaran Industrial Estate, Lampung	Pesawaran	Pesawaran Industrial Estate Manager	Rp 577.881.275.060	NPV: Rp 188,25 billion, IRR: 15,4%, Payback Period: 8,5 years
12	Subang Industrial Estate, West Java	Subang	Construction of Drug Raw Material Factory: Paracetamol, Clopidogrel and Amoxicilin	Rp 3.160.000.000.000	NPV: Rp 721 billion, IRR: 13%, Payback Period: 12,3 years
12	Ketapang Industrial Estate, West Kalimantan	Ketapang	Fatty Alcohol Industry	Rp 5.619.745.195.000	NPV: Rp 140,43 billion, IRR: 12,2%, Payback Period: 11,6 years
14	KIE Bontang, East Kalimantan	Bontang	Palm Oil Downstream Industry	Rp 3.772.374.627.107	NPV: Rp 985,2 billion, IRR: 14,6%, Payback Period: 6,7 years

Summary of 9 Sustainable Investment Projects in Food and Agriculture Sector (1/2)

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
1	Kupang, East Nusa Tenggara	Kupang, East Nusa Tenggara	Agribusiness of Integrated Beef Cattle	Rp. 669.73 Billion	NPV Rp. 694.89 Billion IRR 19,26 % Payback Period 6,7 years
2	Laikang Village, Mangarabombang District	Takalar Regency, South Sulawesi	Seaweed Farming	Rp. 102.87 Billion	NPV Rp. 38.45 Billion IRR 15.7% Payback Period 4.22 years
3	Batumamak Village, Tigabinanga District; Pola Tebu Village, Kutabuluh District; Kutambelin Village, Laubaleng District	Karo, North Sumatera	Horticulture of Siam Orange Commodity	Rp. 170.67 Billion	NPV Rp. 181.78 Billion IRR 21.91%, Payback Period 6.2 years
4	Ringin Kembar Village, Sumber Manjing Wetan Subdistrict, Malang Regency, East Java and Bululawang Industrial Estate	Malang Regency, East Java	Processing Industry-integrated Banana Plantation	Rp. 742.69 Billion	NPV Rp. 293.23 Billion IRR 18.81% Payback Period 6.3 year
5	Sungai Keruh District, Sekayu District	Musi Banyuasin Regency, South Sumatra	Processing Industry-integrated Sugarcane Plantation	Rp. 1.06 Trillion	NPV Rp. 608.37 Billion IRR 15.13% Payback Period 8.1 year

Summary of 9 Sustainable Investment Projects in Food and Agriculture Sector (2/2)

No	Project location	Regency/City	Project Name	Indicative Investment Value	Remark
6	Toddolimae Village, Tompobulu District	Maros Regency, South Sulawesi	Soybean Cultivation Crop	Rp. 63.41 Billion	NPV Rp. 12.12 Billion, IRR 11.9% Payback Period 10.1 years
7	Dasan Anyar Village and Goa Village, Jereweh District	Sumbawa Regency, West Nusa Tenggara Province	Fisheries of Integrated Shrimp Aquaculture	Rp. 507.18 Billion	NPV Rp. 191.29 Billion, IRR 14.6% Payback Period 8.1 years
8	Tulehu Village	Central Maluku Regency Maluku Province	Integrated Capture Fisheries With Its Processing	Rp. 549.62 Billion	NPV Rp. 66.99 Billion IRR 11.76% Payback Period 9 years
9	Jaya Makmur Village, Sekokat Village, Suka Damai Village, Suka Mulya Village, Labangka Village,	Sumbawa Regency, West Nusa Tenggara Province	Agribusiness of Integrated Beef Cattle Farm	Rp. 556.16 Billion	NPV Rp. 342.3 Billion IRR 18.02% Payback Period 5.8 year