

### WEST JAVA POTENTIAL INVESTMENT OPPORTUNITIES

This information material develop as part of the Regional One Stop Service and Investment Agency of West Java Province (DPMPTSP) endeavors in ensuring the attainment of advancing regional development through the promotion of related field opportunities. It is purposed to nature the investment community comprehension on the status of West Java Province competitiveness, and to promote investment cooperations between Wets Java and the wolrd community.

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### WEST JAVA INDONESIAN





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WEST JAVA
POTENTIAL
INVESTMENT







The site capacity planned to be 1.800 TPD in 2019 – 2024 and 2,000 TPD in 2025 - 2030. The site will serve 5 area (Bandung City, Bandung Regency, West Bandung Regency, Cimahi City, Sumedang Regency, Garut Regency).

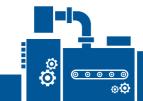
### Land Acquisition and Basic Infrastructure :

Land 74.6 Ha (2011)(2013) Access Road (2015) Operation Road Sanitary Landfill (2015)Leachate Treatment (2015) Common Buildings (2016)

### Waste to Energy Thermal Facilities :

- Sorting Facilities/ Material
- Recovery Facilities (MRF)
- Waste to Energy Plant
- Pre and Post Treatment

# **INVESTMENT VALUE**









**CONCESSION PERIOD** 

15%

### **TECHNOLOGY**

WTE & Landfill

### **PPP MODALITY**

**Build Operate Transfer (BOT)** 

### **PROJECT GUARANTED BY**

**Provincial Regulation** 

#### **INVESTMENT COST**

**USD 200 Million** 

### 25 Year

**EXPECTED REVENUE** Tipping Fee (Under Calculation)

### Recycle & Selling Electricity

### 16

## WEST JAVA Profile Overview

### **ADMINISTRATIVE**

Governor : H. Ahmad Heryawan Vice Governor : Deddy Mizwar **Capital City** : Bandung City : 18 Regencies Regencies Cities : 9 Cities

### **GEOGRAPHIC**

Area : 35.222.18 Km<sup>2</sup> :6' 45' \$ 107' 30' E Coordinates Topography : Lowlands, Mountains, & Coasts

### CAPITAL CITY OF WEST JAVA

The city of Bandung as the provincial capital, Bandung is a city of international fame with the 1995 Bandung conference forging of the non aligned movement

Capital :Bandung

Coordinates

:5°50′ -7°50′ latitude 104°48′ -108°48′ longitude

### **BORDERS**

East : Central Java Province

: Banten West

North : Java Sea & Jakarta : Indian Ocean South

### WEST JAVA ADMINISTRATION & BORDERS

Its proximity to Jakarta provide West Java with number of strategic advantages, especially in the transportation and communication espect that stimulate economic growth for people living in West Java.

### **18 REGENCIES & 9 MUNICIPALS**

Cianjur, Bogor, Sukabumi, Bekasi, Bandung, Purwakarta, Subang, Karawang, Garut, Tasikmalaya, Ciamis, Sumedang, Cirebon, Indramayu, Kuningan, Pangandaran, Majalengka, & West Bandung.

### MUNICIPALITIES:

Bandung, Banjar, Bekasi, Cirebon, Cimahi, Bogor, Sukabumi, Tasikmalaya.

















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### SELECTED INVESTMENT OPPORTUNITIES IN WEST JAVA



Water Intake, Water Transmission Pipe (PHASE 1)

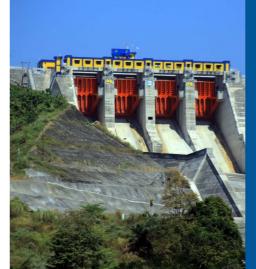
550
MILIAR RUPIAH
USSD 41.04 MILLION

IPA Tomo 100 L/Sc, IPA Kadipaten 1400 L/Sc, Main Distribution Network (PHASE 2)

850

Preparation Work & Land Investment, Main Distribution Network, Off Take Construction (PHASE 3)

900 MILIAR RUPIAH



The Clean Water Supply System capacity planned to be 3,500 liter / second which will serve 5 area:

- Sumedang Regency
- Majalengka Regency - Indramayu Regency
- Indramayu Regency - Cirebon Regency
- Cirebon City

INVESTMENT VALUE

TRILIUN RUPIAH
USSD 171.65 MILLION

2

# BIJB AEROCITY DEVELOPMENT INVESTMENT SCEHEME & PROCEDURE

### **INVESTMENT SCHEME**

### **Share Holder**

- Holds PT. BIJB Aerocity development shares
- Dividend and recurring incomes from utility services
- One gate management of aerocity
- Manages and develops of Energy Center cluster
- Maintains basic infrastructure and estate service

### **Land Investment**

- Invest in land acquisition
- Provides land for developers
- Value sharing for medium or long period

### **Developer**

- Manages and develops cluster in Aerocity
- Attracts anchor tenants
- Provides services of cluster

## PRO CED URE

- 1. Letter of Intention
- 2. Investment / Business Proposal
- 3. Evaluation
- 4. MOU / Refundable Deposit
- 5. Business Plan Discussion / Feasibility Study & Due Dilligence
- 6. Design Development (Permit & License)
- 7. Joint Venture / Joint Operation / Land Utilization Agreement
- 8. Contruction / Operation

### **WHY WEST JAVA**



### WEST JAVA HIGHLIGHT

18,79

MILLION

PRODUCTIVE AGE

ADJACENT
TO
TANJUNG PRIOK
SEAPORT

CENTER
OF
MULTINATIONAL
COMPANY

31%
CONTRIBUTION
TO NATIONAL
INVESTMENT REALIZATION

18%

OF INDONESIAN

POPULATION

EDUCATION SITE CENTER



18,04%

NATIONAL GOODS

EXPORT



## BIJB AEROCITY DEVELOPMENT

Kertajati Aerocity is designated with area size of 3.480 hectares in Kertajati Majalengka Region, West Java including Kertajati International Airport as the hub of business, tourism, and high tech industry development of Indonesia.



Aerocity BIJB is a supporting facility of West Java International Airport which has several functions that are divided into 4 clusters (Multimodal Logistic Hub, Aerospace Park, Creative Technology, Business Park & Hospitality).

### **MULTIMODAL LOGISTIC HUB**

**TOTAL DEVELOPMENT BLOCK** 429,16 Hectares

- LAND USE/ZONE
   Non Polluntant Industry
- Cargo Industry
- Packaging / Final Assembly Manufacture
- Werehouse





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### **CREATIVE TECHNOLOGGY CENTER**

TOTAL DEVELOPMENT BLOCK 544 Hectares

#### LAND USE/ZONE

- High Tech Industr
- Advanced Manufacture
- University

### **BUSINESS PARK**

TOTAL DEVELOPMENT BLOCK 672 Hectares

### LAND USE/ZONE

- Offices & Financial Center
- Mix Use Commercials - Hospitality / Leisure
- Exhibition Center

### **AEROSPACE PARK**

TOTAL DEVELOPMENT BLOCK 320 Hectares

### LAND USE/ZONE

- High Tech Industry
- Advanced Manufactur

### **BIJB**

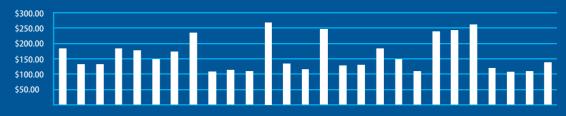
## GAS PIPELINE NETWORK IN BIJB & BIJB AEROCITY

Gas pipelines network will be developed as a distribution network for gas users in BIJB and Aerocity BIJB area.



PIPE CAPACITY	PIPE SPECIFICATION	EST. SELLING PRICE	SUPPLY EST
10 MMSCFD	Long10 km, diameter 6"	133 million/mmscf (USD 10,000 /mmscf)	3650 mmscf/ year
MARGIN TOLL FEE	EST. PAYBACK PERIOD	COLLABORATION SCHEME	
Rp 399,000 / mmscf (USD 30 /mmscf)	8.22 year	Joint Venture	

## WEST JAVA MINIMUM WAGE



WEST BANDUNG REGENCY
TASIKMALAYA CITY
SUMEDANG REGENCY
SUKABUMI REGENCY
SUKABUMI CITY
SUBANG REGENCY
PURWAKARTA REGENCY

PANGANDARAN REGENCY MAJALENGKA REGENCY KUNINGAN REGENCY KARAWANG REGENCY INDRAMAYU REGENCY GARUT REGENCY DEPOK CITY CIREBON REGENCY
CIREBON CITY
CIMAHI CITY
CIANJUR REGENCY
CIAMIS REGENCY
BOGOR REGENCY
BOGOR CITY

BEKASI REGENCY
BEKASI CITY
BANJAR CITY
BANDUNG REGENCY
BANDUNG CITY

LOWEST MINIMUM WAGE RATE
PANGANDARAN REGENCY

\$ 107.01

AVERAGE MINIMUM WAGE RATE \$ 162.42

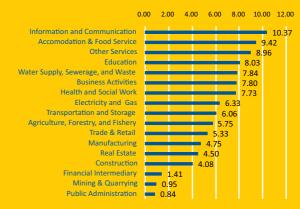
HIGHEST MINIMUM WAGE RATE KARAWANG REGENCY
\$ 269.05

### **WEST JAVA MACRO ECONOMIC HIGHLIGHT**

### **Economic Growth**

## 6.51 6.58 6.33 5.67 5.24 5 5.09 5.03 5.24 3 2 2 1 2010 2011 2012 2013 2014 2015 2016 Q1-201

### **GDRP Share**



In Q1-2017, economic growth in West Java was recorded at 5.24% (yoy). Though such growth was slightly lower than the previous quarter (5.45%), it was higher than the National growth in Q1-2017 (5.01%). Based on historical data, West Java economic growth will significantly improve in Q3 of the year.



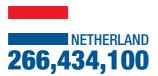
### Based on Investment (in USD)











### Based on Total Project











## **BIJB**GAS BACK BONE PIPELINE



The gas pipeline network development required as a BIJB power plant supply network.

Pipe Capacity	Collaboration Scheme	Est. Payback Period
25 MMSCFD (up to 100 MMSCFD)	Joint Venture	<b>7</b> YEAR
Pipe Specification Long 50 km, diameter 16"	Supply Est. 9125 mmscf/ year	Est. Selling Price  133 million/mmscf (USD 10,000/mmscf)

## **BIJB**SUPPORTING FACILITY



POWER PLANT

Gas Engine/Turbine with Co-Generation (cooling/heating) power plant development is intended to support BIJB, BIJB Aerocity and other supporting facilities operational activities.

### Local Partner:

- PT. BIJB (West Java Province Owned Company)
- PT. Energi Negeri Mandiri (West Java Province Owned Company)

731.5

MILIAR RUPIAH
USSD 54.6 MILLION



Est. Demand

**520 MW** (existing supply 15 MW)

Est. Operational Cost

Rp. 620,85 Billion/year
(USD 46.68 Million/year)

**55** 

Production Capacity

Est. Payback Period

Est. Revenue

Rp. 650,43 Billion/year
(USD 48.90 Million/year)

Collaboration Scheme
Joint Venture

Est. Gross Profit

Rp. 29,57 Billion/year
(USD 2,2 Million/year)

# POTENTIAL INVESTMENT OPPORTUNITIES









## POTENTIAL INVESTMENT



West Java International Airport (BIJB) Supporting Facilities & Aerocity



Metropolitan Cirebon Raya Clean Water Supply System



Legok Nangka Solid Waste Treatment and Disposal



West Java International Airport (BIJB) is strategically located in eastern area of West Java, Indonesia, connecting major cities and business destinations in ASFAN

With 35,4 Million Ha Area, Population of 46,5 Million, Three Metropolitan and Growth Center, West Java is Ranked as the 4th Biggest Economic Growth in Indonesia.

Estimated passenger and cargo market in West Java in 2042 will be 55, 506,748 (passenger) & 73,611 ton (cargo). That's why we need to develop new international airport that located in Majalengka Regency (61 km from Bandung with direct Cisumdawu Toll Road & 170 km from Jakarta with direct Cikampek-Cipali Toll Road)

Airport development is already started but we offer an opportunity to invest in other area of BIJB.

### Investment Opportunities in BIJB

### **Supporting Facilities (1A)**

- Power Plant (will be developed in BIJB Aerocity area)
- Gas Back Bone Pipeline (Subang Regency BIJB)
- Gas Pipeline Network in BIJB & BIJB Aerocity

### Aerocity (1B)

- Multimodal Logistic Hub
- Aerospace Park
- Creative Technology Center
- Business Park
- Tourism & Hospitality

"Our mission is to provide World Class Airport and World Class Aerocity for West Java and to become The Best Gateway of Business and Tourism in Indonesia"