GLOBAL AEROTROPOLIS NETWORK
KERTAJATI AIRPORT AS A PART OF
AERIAL SILK ROAD CONNECTING ASIA-AFRICA:
ITS EXPECTED IMPACT ON WEST JAVA REGIONAL DEVELOPMENT

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SCHOOL OF ARCHITECTURE, PLANNING, AND POLICY DEVELOPMENT
BANDUNG INSTITUTE OF TECHNOLOGY
## AWAKENING WEST JAVA POTENTIAL

### INDONESIA TODAY
- 16th largest economy in the world
- 45 million members of consuming class
- 53% of the population producing 74% of GDP
- 55 million skilled workers
- $0.5 trillion market opportunity in consumer services, agriculture and fisheries, resources and education

### INDONESIA IN 2030
- 7th largest economy in the world
- 135 million members of consuming class
- 71% of the population producing 86% of GDP
- 113 million skilled workers needed
- $1.8 trillion market opportunity in consumer services.

Source: McKinsey, Unleashing Indonesia’s Potential, September 2012

### WEST JAVA TODAY
- CONTRIBUTED TO 60% OF INDONESIA’S GDP ON THE INDUSTRIAL MANUFACTURE SECTOR.
- CONTRIBUTED 14.3% OF THE COUNTRY’S GDP.
- THE LOCATION OF 34.6 % OF FOREIGN INVESTMENT
- MOSTLY WITH SKILLED WORKERS CONTRIBUTED TO 20 % OF THE COUNTRY’S TOTAL POPULATION
WEST JAVA PROVINCE

GEOGRAPHY
TOTAL AREA: 3,717,397 HA
CITIES/ REGENCIES: 27

DEMOGRAPHY
44,548,431 PEOPLE IN 2012
45,340,799 PEOPLE IN 2013

ECONOMY 2014
GRDP: 1,386 TRILLION IDR
  138 BILLION US$
  (US/IDR)=10.000 in 2014
GRDP/ CAPITA: 30 MILLION IDR
  3,000 us$
INFLATION RATE: 7.6 %
GROWTH RATE: 10 %

WEST JAVA POPULATION AND ITS PROJECTION

Most of the population are concentrated in The Three Metropolitans
METROPOLITAN DEVELOPMENT

INCREASING CONCERN TOWARDS THE DEVELOPMENT OF METROPOLITAN AREAS IN WEST JAVA PROVINCE

**URBAN POPULATION IN WEST JAVA PROVINCE FROM TIME TO TIME**

- 1980: 23.4 million people (7.03 million urban population)
- 2010: 43.03 million people (28.4 million urban population)

**TOTAL POP. (66 PERCENT)**

**URBAN POP. (30 PERCENT)**

**SOME OPPORTUNITIES OF METROPOLITAN DEVELOPMENT**

- Economy
- Prosperity
- Modernity
- Sustainability

**SOME CHALLENGES TO BE CONSIDERED**

- Physical structure/infrastructure
- Environment
- Social economic
- Management/organization

**INTRODUCTION**
METROPOLITANS AND GROWTH CENTERS
IN WEST JAVA PROVINCE

INTRODUCTION

KERTAJATI AIRPORT AS A PART OF AERIAL SILK ROAD CONNECTING ASIA-AFRICA

WJIA KERTAJATI CONNECTING THE METROPOLITANS
(BANDUNG – CIREBON – JAKARTA Corridor)

Source: BAPPEDA PROVINSI JAWA BARAT
“Kebijakan dan Prioritas Pembangunan Infrastruktur Strategis di Jawa Barat”
CONCEPT OF METROPOLITAN AND GROWTH CENTER DEVELOPMENT IN WEST JAVA PROVINCE

“BRINGING THE ECONOMY, PROSPERITY, MODERNITY, AND SUSTAINABILITY FOR ALL WEST JAVA PEOPLE”
METROPOLITAN AND GROWTH CENTER DEVELOPMENT IN WEST JAVA PROVINCE WILL:

- Bring West Java Economy
- Economic Linkages
- Other Areas in West Java Province
- Economic Growth
- Consumption
- Investment
- Labor Forces
- Agriculture Product

CREATE MORE JOB OPPORTUNITIES
RAISE INCOME AND INCREASE CONSUMPTION
BOOST REGIONAL ECONOMY
EXPAND THE COMMODITY MARKET
INCREASE PRIVATE INVESTMENT AND GOVERNMENT SPENDING
CREATE ECONOMIC EFFICIENCY
PROMOTE EXPORTS

CONCEPT
BRINGING WEST JAVA PROSPERITY

ACCESS TO KNOWLEDGE + A LONG AND HEALTHY LIFE + A DECENT STANDARD OF LIVING = QUALITY OF LIFE

METROPOLITANS AND GROWTH CENTERS IN WEST JAVA PROVINCE

REGIONAL LINKAGES

OTHER AREAS IN WEST JAVA PROVINCE

YOUNG GENERATION

IMPROVE ACCESS TO EDUCATION

IMPROVE THE QUALITY OF EDUCATION SERVICES

IMPROVE ACCESS TO HEALTHCARE SERVICES

IMPROVE THE QUALITY OF HEALTHCARE SERVICES

BOOST THE INDIVIDUAL PURCHASING POWER

CREATE A BETTER QUALITY OF LIFE

CONCEPT
BRINGING WEST JAVA MODERNITY

CONCEPT

PRODUCTIVITY

MODERN INFRASTRUCTURE

GOOD GOVERNANCE

RESOURCE EFFICIENCY

BRING SOCIAL CHANGE

IMPROVE SOCIAL PRODUCTIVITY

IMPROVE THE QUALITY OF GOOD GOVERNANCE PRACTICED

INCREASE EFFICIENCY IN RESOURCE UTILIZATION

PROMOTE MODERNIZATION IN INFRASTRUCTURE DEVELOPMENT
BRINGING WEST JAVA SUSTAINABILITY

METROPOLITANS AND GROWTH CENTERS
IN WEST JAVA PROVINCE

OTHER AREAS IN WEST JAVA PROVINCE

BRING MORE CONSERVATION AREAS IN WEST JAVA PROVINCE

PROMOTE THE DEVELOPMENT OF SUSTAINABLE INFRASTRUCTURE

IMPROVE FINANCIAL FEASIBILITY OF VARIOUS SUSTAINABLE GOODS AND SERVICES PROVISION

CREATE A SUSTAINABLE FISCAL CONDITION

CONCEPT
THREE METROPOLITANS
IN WEST JAVA PROVINCE

IN ORDER TO BRING THE ECONOMY, PROSPERITY, MODERNITY AND SUSTAINABILITY FOR ALL PEOPLE IN WEST JAVA, THREE METROPOLITANS WILL BE DEVELOPED AS:

<table>
<thead>
<tr>
<th>BODEBEK KARPUR</th>
<th>GREATER BANDUNG</th>
<th>GREATER CIREBON</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AUTONOMOUS METROPOLITAN</strong>&lt;br&gt;BASED ON MANUFACTURING, INDUSTRY, TRADE, SERVICE, AND FINANCIAL SECTOR</td>
<td><strong>MODERN METROPOLITAN</strong>&lt;br&gt;BASED ON URBAN TOURISM, CREATIVE INDUSTRY, ARTS, SCIENCE &amp; TECHNOLOGY</td>
<td><strong>CULTURAL AND HISTORICAL METROPOLITAN</strong>&lt;br&gt;BASED ON TOURISM, CRAFTS, AND INDUSTRIES</td>
</tr>
</tbody>
</table>

**KEYWORD:**<br>1st TIER METROPOLITAN | CENTRAL BUSINESS DISTRICT | SERVICE, FINANCE AND ADMINISTRATION CENTER<br>24 METROPOLITAN – SCALE ACTIVITIES | MULTIFUNCTION OPEN PUBLIC SPACE @5 HA | INTEGRATED SOCIAL AND PUBLIC FACILITIES IN VERTICAL HOUSING<br>ART & CULTURE CENTER DEV’T | PRESERVATION OF ART & HISTORICAL SITES | EAST GATEWAY FOR WEST JAVA

**LINKAGES** BETWEEN THE THREE METROPOLITANS AND OTHER AREAS IN WEST JAVA WILL BE DEVELOPED

**CONCEPT**
THREE GROWTH CENTERS IN WEST JAVA PROVINCE

THREE GROWTH CENTERS WILL BE DEVELOPED TO CREATE REGIONAL DEVELOPMENT BALANCE IN THE SOUTHERN PART OF WEST JAVA

EACH GROWTH CENTER WILL BE DEVELOPED ACCORDING TO THEIR RESPECTIVE ABSOLUTE, COMPARATIVE, AND COMPETITIVE ADVANTAGES

**PANGANDARAN**
GROWTH CENTER BASED ON TOURISM

**PALABUHANRATU**
GROWTH CENTER BASED ON TOURISM AND FISHERY

**RANCABUAYA**
GROWTH CENTER BASED ON TOURISM

**LINKAGES** BETWEEN THE THREE GROWTH CENTERS AND OTHER AREAS IN WEST JAVA WILL BE DEVELOPED
METROPOLITAN DEVELOPMENT

METROPOLITAN DELINEATION

2010 | 2015 | 2020 | 2025

BODEBEK KARPUR
6 districts in Kota Bogor | 17 districts in Kab. Bogor
11 districts in Kota Depok | 12 districts in Kota Bekasi
19 districts in Kab. Bekasi | 11 districts in Kab Karawang
6 districts in Kab. Purwakarta | (TOTAL: 82 districts)

11.6 million people in 2010
(300,845 ha)

GREATER BANDUNG
30 districts in Kota Bandung | 3 districts in Kota Cimahi
6 districts in Kab. Bandung Barat | 16 districts in Kab. Bandung
1 district in Kab. Sumedang | (TOTAL: 56 districts)

5.8 million people in 2010
(106,015 ha)

GREATER CIREBON
5 districts in Kota Cirebon | 23 districts in Kab. Cirebon
1 district in Kab. Kuningan | (TOTAL: 29 districts)

1.58 million people in 2010
(57,369 ha)

**METROPOLITAN DEVELOPMENT**

**METROPOLITAN DELINEATION**

2010 | **2015** | 2020 | 2025

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**BODEBEK KARPUR**

- 6 districts in Kota Bogor
- 17 districts in Kab. Bogor
- 11 districts in Kota Depok
- 12 districts in Kota Bekasi
- 19 districts in Kab. Bekasi
- 11 districts in Kab. Karawang
- 7 districts in Kab. Purwakarta

(Total: 83 districts)

**14.3 MILLION** people in 2015

(310,753 HA)

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**GREATER BANDUNG**

- 30 districts in Kota Bandung
- 3 districts in Kota Cimahi
- 8 districts in Kab. Bandung Barat
- 18 districts in Kab. Bandung
- 2 districts in Kab. Sumedang

(Total: 61 districts)

**9.9 MILLION** people in 2015

(134,042 HA)

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**GREATER CIREBON**

- 5 districts in Kota Cirebon
- 24 districts in Kab. Cirebon
- 1 district in Kab. Kuningan

(Total: 30 districts)

**2.4 MILLION** people in 2015

(60,425 HA)

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METROPOLITAN DEVELOPMENT

METROPOLITAN DELINEATION
2010 | 2015 | 2020 | 2025

**BODEBEK KARPUR**
- 6 districts in Kota Bogor
- 21 districts in Kab. Bogor
- 11 districts in Kota Depok
- 12 districts in Kota Bekasi
- 23 districts in Kab. Bekasi
- 19 districts in Kab. Karawang
- 11 districts in Kab. Purwakarta
(Total: 103 districts)

18.36 million people in 2020
(450,924ha)

**GREATER BANDUNG**
- 30 districts in Kota Bandung
- 3 districts in Kota Cimahi
- 22 districts in Kab. Bandung Barat
- 9 districts in Kab. Bandung
- 4 districts in Kab. Sumedang
(Total: 68 districts)

11.4 million people in 2020
(168,629ha)

**GREATER CIREBON**
- 5 districts in Kota Cirebon
- 26 districts in Kab. Cirebon
- 1 district in Kab. Kuningan
- 2 districts in Kab. Majalengka
(Total: 34 districts)

3.9 million people in 2020
(71,775ha)

METROPOLITAN DEVELOPMENT

METROPOLITAN DELINEATION
2010 | 2015 | 2020 | 2025

BODEBEK KARPUR
- 6 districts in Kota Bogor
- 25 districts in Kab. Bogor
- 11 districts in Kota Depok
- 12 districts in Kota Bekasi
- 23 districts in Kab. Bekasi
- 20 districts in Kab. Karawang
- 14 districts in Kab. Purwakarta
(Total: 111 districts)
23.16 million people in 2025
(503,634 HA)

GREATER BANDUNG
- 30 districts in Kota Bandung
- 3 districts in Kota Cimahi
- 11 districts in Kab. Bandung Barat
- 23 districts in Kab. Bandung
- 4 districts in Kab. Sumedang
(Total: 71 districts)
12.8 million people in 2025
(196,821 HA)

GREATER CIREBON
- 5 districts in Kota Cirebon
- 28 districts in Kab. Cirebon
- 5 districts in Kab. Kuningan
- 3 districts in Kab. Majalengka
- Kab. Indramayu
(Total: 41 districts)
6.58 million people in 2025
(98,722 HA)

WHAT IS EXPECTED ROLE OF AETROPOLIS KERTAJATI FOR WEST JAVA REGIONAL DEVELOPMENT?

TO PLAY CONNECTING REGIONAL LINKAGES TO SPEED UP THE REGIONAL DEVELOPMENT GOALS

By helping to utilize the region advantages and to respond issues and problems of metropolitans in the region.

EXPECTED ROLE

ISSUES AND PROBLEMS

- Traffic congestions (especially during peak hour, weekend, and holiday season)
- Lack of metropolitan-scale integrated transportation system
- Inadequate of public transport
- Unemployment
- Insufficient of urban facilities and services (regional solid waste facility, clean water network system, clean water installation, waste water network system, sewerage system)
- Lack of green open areas
- Slum and squatter areas
- Environmental degradation
- Excessive flood area
- Air, water, and noise pollution
- The increasing development of housing and commercial facilities
- Preservation of environmentally sensitive areas
### WHAT IS EXPECTED IMPACT OF AETROPOLIS KERTAJATI FOR WEST JAVA REGIONAL DEVELOPMENT?

<table>
<thead>
<tr>
<th>Expected Impact</th>
<th>Regional Economy</th>
<th>People Prosperity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boost up the regional economy</td>
<td>Create more international job opportunities</td>
<td>Improve access to international education</td>
</tr>
<tr>
<td></td>
<td>Raise business income and increase consumption</td>
<td>Improve the quality of education</td>
</tr>
<tr>
<td></td>
<td>Boost regional economy</td>
<td>Improve access to international healthcare services</td>
</tr>
<tr>
<td></td>
<td>Expand the commodity market</td>
<td>Improve the quality of public health</td>
</tr>
<tr>
<td></td>
<td>Increase foreign investment</td>
<td>Boost the individual purchasing power</td>
</tr>
<tr>
<td></td>
<td>Create global economic environment</td>
<td>Create a better quality of life</td>
</tr>
<tr>
<td></td>
<td>Promote exports</td>
<td>Expected Impact</td>
</tr>
</tbody>
</table>
WHAT IS EXPECTED IMPACT OF AETROPOLIS KERTAJATI FOR WEST JAVA REGIONAL DEVELOPMENT?

SPEED UP MODERNIZATION PROCESS

- Bring smooth social change
- Improve social productivity
- Improve the quality of good governance practiced
- Increase efficiency in resource utilization
- Promote modernization in infrastructure development

CREATE SUSTAINABLE DEVELOPMENT

- Create more conservation areas in West Java province
- Promote the development of sustainable infrastructure
- Improve financial feasibility of various publicly provided good and service provision
- Create sustainable local fiscal condition

EXPECTED IMPACT
AN ILLUSTRATION OF THE DEVELOPMENT CONCEPT

“GREATER BANDUNG AS A MODERN METROPOLITAN BASED ON URBAN TOURISM, CREATIVE INDUSTRY, ARTS SCIENCE AND TECHNOLOGY”

URBAN TOURISM
Urban Tourism as a System | Tourism Cluster | Linkages with LED | Private Sector Driven, Government Facilitated | Sustainable Development

MODERN
Efficiency | Cutting Edge Technology | Knowledge-Based Society | Knowledge-Based Economy | ICT | Meritocracy

CREATIVE INDUSTRY
Creative City/ Urban Planning | Creative Cluster | Creative Hubs and Districts | Creative Economy | Creativity in Financial Sector | Culture Section | Creative Icon | City/ Region Branding

ART SCIENCE & TECHNOLOGY
Research Cluster | WIFI City Integration | Intelligent Transport System | SMART Healthcare | SMART Education | SMART Society | SMART Economy | Innovation Valley | Digital Cluster | Business Incubator | Higher Education

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GREATER BANDUNG METROPOLITAN

MODERN CHARACTERISTIC:
EFFICIENCY – CUTTING EDGE TECHNOLOGY – KNOWLEDGE BASED SOCIETY – KNOWLEDGE BASED ECONOMY – NETWORK SOCIETY – ICT - MERITOCRACY

LARGE SCALE VERTICAL HOUSING CLUSTER
Each cluster consists of a minimum ten 10-story building

INTEGRATED SOCIAL AND PUBLIC FACILITIES
In the first three levels of each vertical housing building

INTEGRATED & SUSTAINABLE TRANSPORTATION SYSTEM
Connecting each activity centers (housing, commercial, trade center, education center, government offices, business headquarters, clean industries, etc)

MULTIFUNCTION OPEN PUBLIC SPACE AND PLAZA
@ 5 HA

24 METROPOLITAN-SCALE ACTIVITIES

100 DEVELOPMENT BLOCKS
THOUSAND SMALL PUBLIC CEMETERY DEVELOPMENT
HUSETIN AIRPORT RELOCATION

AN ILLUSTRATION
REGIONAL ADVANTAGES

GREATER BANDUNG METROPOLITAN

ABSOLUTE ADVANTAGES
- Basin-shaped region surrounded by mountains
- Various natural tourism objects
- Historical heritage, historical buildings, and various cultural heritage

COMPARATIVE ADVANTAGES
- Multiple accessibilities (Cipularang Toll Road, Cisumdawu Toll Road, transportation nodes – Husein Sastranegara-Kertajati airports, rail roads, Bandung train station – bus terminals, high speed train)
- Modern & traditional commercial infrastructure
- Highly experienced labor of textile and food industry

COMPETITIVE ADVANTAGES
- Creative communities
- Innovative human resources
- The existence of world-class university
- Research and development facilities

AN ILLUSTRATION
## DEVELOPMENT CONCEPT
GREATER BANDUNG AS MODERN METROPOLITAN

### 24 METROPOLITAN SCALE ACTIVITIES

<table>
<thead>
<tr>
<th>SETTLEMENT</th>
<th>EDUCATION</th>
<th>HEALTHCARE SERVICE</th>
<th>WORSHIP</th>
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<tbody>
<tr>
<td>COMMERCIAL AND RETAIL</td>
<td>HOTEL AND RESTAURANTS</td>
<td>HANG-OUT AND SOCIAL LIFE</td>
<td>CREATIVE INDUSTRY</td>
</tr>
<tr>
<td>OFFICE</td>
<td>TOURISM AND RECREATION</td>
<td>ENVIRONMENTAL CONSERVATION</td>
<td>INFORMAL SECTOR</td>
</tr>
<tr>
<td>ART AND CULTURE</td>
<td>FESTIVAL</td>
<td>ART, HISTORY AND CULTURE APPRECIATION</td>
<td>ASPIRATION EXPRESSING</td>
</tr>
<tr>
<td>LITERACY DEVELOPMENT</td>
<td>SPORT</td>
<td>BUILDING AND HISTORICAL AREA CONSERVATION</td>
<td>COMMUNITY ACTIVITY</td>
</tr>
<tr>
<td>PARKING</td>
<td>COGNITIVE DEVELOPMENT FOR CHILDREN</td>
<td>ELDERLY NURSING</td>
<td>NIGHTLIFE ACTIVITY</td>
</tr>
</tbody>
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DEVELOPMENT CONCEPT
GREATER BANDUNG BASED ON URBAN TOURISM

URBAN TOURISM CHARACTERISTIC:

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DEVELOPMENT CONCEPT
GREATER BANDUNG BASED ON CREATIVE INDUSTRY

CREATIVE INDUSTRY CHARACTERISTIC:

STIMULATING THE DEVELOPMENT OF CREATIVE PRODUCTS WITH HIGH ECONOMIC VALUE
DEVELOPING BUSINESS AND CREATIVE ECONOMY INCUBATOR CENTER
DEVELOPING PUBLIC SPACES TO SUPPORT THE DEVELOPMENT AND ACTIVITY OF CREATIVE INDUSTRY
DEVELOPING LINKAGE BETWEEN CREATIVE INDUSTRY CLUSTERS IN GREATER BANDUNG METROPOLITAN, WEST JAVA, INDONESIA, AND INTERNATIONAL
DEVELOPING ART GALLERY, CONVENTION CENTER TO SUPPORT THE ACTIVITY OF CREATIVE INDUSTRY
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DEVELOPMENT CONCEPT
GREATER BANDUNG BASED ON ART SCIENCE AND TECHNOLOGY

ART SCIENCE AND TECHNOLOGY CHARACTERISTIC:

DEVELOPING HIGHER EDUCATION AS AN ART SCIENCE AND TECHNOLOGY DEVELOPMENT CENTER
DEVELOPING LINKAGE BETWEEN INNOVATION CLUSTERS IN GREATER BANDUNG METROPOLITAN, WEST JAVA, INDONESIAN, AND INTERNATIONAL
DEVELOPING INNOVATION AND RESEARCH CLUSTER IN WALINI AND JATINANGOR/ TANJUNGSARI
DEVELOPING VARIOUS URBAN INFRASTRUCTURE AND FACILITIES BASED ON ART SCIENCE AND TECHNOLOGY

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DEVELOPMENT CONCEPT

POPULATION SIZE AS MAIN CONSIDERATION

NEED SUFFICIENT URBAN FACILITIES

NEED SUFFICIENT URBAN INFRASTRUCTURE

NEED CLEAN, HEALTHY, AND SAFE ENVIRONMENT

NEEDS PLACE TO STAY

NEEDS JOBS (TO ACCOMMODATE ALL AVAILABLE LABOR FORCES)

NEEDS SUFFICIENT URBAN INFRASTRUCTURE

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12.9 MILLION PEOPLE IN 2025
DEVELOPMENT CONCEPT

SOME STRATEGIES

MULTIFUNCTION OPEN PUBLIC SPACE AND PLAZA (@ 5 HA)

MODERN STRUCTURE AND INFRASTRUCTURE DEVELOPMENT

CREATIVE ECONOMIC DEVELOPMENT

RESEARCH AND INNOVATION CLUSTER

ART AND CULTURE APPRECIATION | FESTIVAL | LITERACY ACTIVITY | CONCERT | INFORMAL ACTIVITY | URBAN NIGHT LIFE | COMMUNITY ACTIVITY | CULTURAL AND HISTORICAL PRESERVATION | DLL

VERTICAL HOUSING | MRT (INCLUDING MONORAIL) | DRAINAGE SYSTEM | SEWAGE SYSTEM | ENERGY | CLEAN WATER | WASTE MANAGEMENT | INFORMATION AND COMMUNICATION

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TO IMPROVE REGIONAL COMPETITIVENESS IN BOTH NATIONAL AND INTERNATIONAL LEVEL

NEW INNOVATION CLUSTER WILL BE DEVELOPED IN CIKALONG WETAN AND JATINANGOR/TANJUNG SARI
GREATER BANDUNG METROPOLITAN
BANDUNG REGENCY

Toll Road Plan Soroja (2009-2023)
RTRW Provinsi Jabar dan Kabupaten Bandung

Re-Utilization Railway Soreang-Ciwidey (2009-2023)
RTRW Provinsi Jabar dan Kabupaten Bandung

Re-Utilization Railway Bandung-Soreang (2009-2023)
RTRW Provinsi Jabar dan Kabupaten Bandung

Re-Utilization Railway Bandung-Majalaya (2009-2023)
RTRW Kabupaten Bandung

Rencana Tol Gedebage-Majalaya
RTRW Kabupaten Bandung
GREATER BANDUNG METROPOLITAN
BANDUNG BARAT (KBB) REGENCY

Rencana Tol Padalarang-Ciranjang (2009-2029)
RTRW Provinsi Jabar dan Kab. Bandung Barat

Rencana Jalan Rendeh - Mandalasari (2009-2029)
RTRW Kabupaten Bandung

Rencana Jalan Ciburuy - Ngamprah (2009-2029)
RTRW Kabupaten Bandung

Rencana Jalan Ciburuy - Mangunjaya (2009-2029)
RTRW Kabupaten Bandung

Rencana Flyover Cimareme (2009-2029)
RTRW Kabupaten Bandung

Rencana Underpass stasiun Padalarang (2009-2029)
RTRW Kabupaten Bandung

Rencana Jalan PLTA Cisokan (2009-2029)
RTRW Kabupaten Bandung

Rencana Giriasih - Cipeundeuy (2009-2029)
RTRW Kabupaten Bandung

Rencana Jalan Lingkar Batujajar Timur - Selacau (2009-2029)
RTRW Kabupaten Bandung

Scale Bar 4.5 Km
GREATER BANDUNG METROPOLITAN
SUMEDANG REGENCY

Tol Road Plan Cisumdawu (2009-2023)
RTRW Provinsi Jabar dan Kab. Sumedang

Re-Utilization Railway Plan Rancaekek-
RTRW Provinsi Jabar

Toll Road Plan Cileunyi-
Nagreg-Ciamis (2013-
2017)
RTRW Provinsi Jabar

New Development
Railway Plan Tanjungsari – Cirebon (2009-2028)
RTRW Provinsi Jabar
STRATEGIC ROAD INFRASTRUCTURE DEVELOPMENT PLANS FOR GREATER BANDUNG METROPOLITAN

- Bandung Intra Urban Toll Road (BIUTR)
- Cileunyi – Sumedang – Dawuan (Cisumdawu) Toll Road
- Soreang – Pasirkoja (Soroja) Toll Road
- Toll Road segment Cileunyi – Nagreg (part of Cileunyi – Tasikmalaya – Banjar Toll Road)
- Gedebage – Majalaya Toll Road
- Interchange of Warung Domba Toll Road in Bandung Barat Regency
- Kopo and Buah Batu Fly Over in Bandung City
- Padasuka Fly Over in Cimahi City
- Cimareme Fly Over in Bandung Barat Regency
- Bandung – Lembang alternative road
- Sukasari road (Sumedang Regency) – Lembang (Bandung Barat Regency)
- Cileunyi – Rancaekek rapid transit road
- Ciwidey rapid transit road
STRATEGIC ROAD INFRASTRUCTURE DEVELOPMENT PLANS FOR GREATER BANDUNG METROPOLITAN

- Soreang – Katapang – Baleendah – Majalaya rapid transit road
- Majalaya rapid transit road
- Banjaran rapit transit road
- The development of other strategic roads based on the agreement between provincial government and local government Soreang – Katapang – Baleendah – Majalaya rapid transit road
- Majalaya rapid transit road
- Banjaran rapit transit road
- The development of other strategic roads based on the agreement between provincial government and local government
- Bandung Metropolitan Monorail
- Jakarta – Bandung – Kertajati - Cirebon High Speed Train
- Reactivation of Bandung – Tanjungsarui and Bandung – Ciwidey Railway Track
- Double Track and Electrification of Padalarang – Kiaracondong – Cicalengka Railway Track
- Development of strategic infrastructure based on the agreement between provincial government and local governments
SETTINGS NEEDED

RULES AND REGULATIONS

INSTITUTIONAL

POLITICAL

TECHNICAL
LAW NO. 23/2007
ON RAILWAY/RAILROAD SYSTEM DEVELOPMENT

MAIN POINTS:

THE ROLE OF LOCAL GOVERNMENT
(Government Regulation No. 56/2009 and No. 72/2009)

4 IMPORTANT ASPECTS OF RAILWAY/RAILROAD SYSTEM DEVELOPMENT
(Structure | Infrastructure | Human Resources | Regulations)

3 NEW ASPECTS TO BE CONSIDERED
(Regulator vs. Operator | Private sector Involvement | Role sharing among different levels of Government)
LAW NO. 23/2007
ON RAILWAY/RAILROAD SYSTEM DEVELOPMENT

KEY DIFFERENCES WITH PREVIOUS LAW AND REGULATION

LAW NO. 13/1992
CENTRALIZED SYSTEM | NO SEPARATION BETWEEN REGULATOR AND OPERATOR | MONOPOLY BY PT. KAI

LAW NO. 23/2007
DECENTRALIZED SYSTEM | ROLE SEPARATION BETWEEN REGULATOR AND OPERATOR | ROOM FOR MULTI-OPERATOR (NO MONOPOLY)

INTEGRATED RAILWAY/RAILROAD SYSTEM DEVELOPMENT IS REQUIRED (RIPNAS | RIPDA PROVINSI | RIPDA KABUPATEN/KOTA)

RULES & REGULATIONS TO BE CONSIDERED
NEW REGULATION TO SUPPORT PLANNING IMPLEMENTATION:

REGIONAL REGULATION (PERDA) No. 12 Year 2014
On Development Management for Metropolitan and Growth Center in West Java
TO DEVELOP COMMITMENT AMONG POLICY MAKERS AND POLITICAL LEADERS
[through intensive meeting, dialogue, and discussion | resulted in legal commitment (eg. MoU) accepted by all]

TO DESIGN GOVERNANCE STRUCTURE THAT ENSURE EFFECTIVE AND EFFICIENT POLICY IMPLEMENTATION AS WELL ESTABLISHED WAYS INSTITUTIONALIZED.
[identify policy relevant actors | examine and understand relation among policy relevant actors | taking into account cultural and structural element that affect interaction among actors]

TO PROVIDE TECHNICAL BASIS FOR POLICY AND PLANNING IMPLEMENTATION
[technical details | program indicators | development stages | etc.]
THANK YOU

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