

# Strategies and Guidelines to Adopt Eco-Towns in Bandung City

*.. Thematic Session on Environmentally Sustainable Industrial Development The Concept of Eco-Towns in the Asia Pacific Region ...*



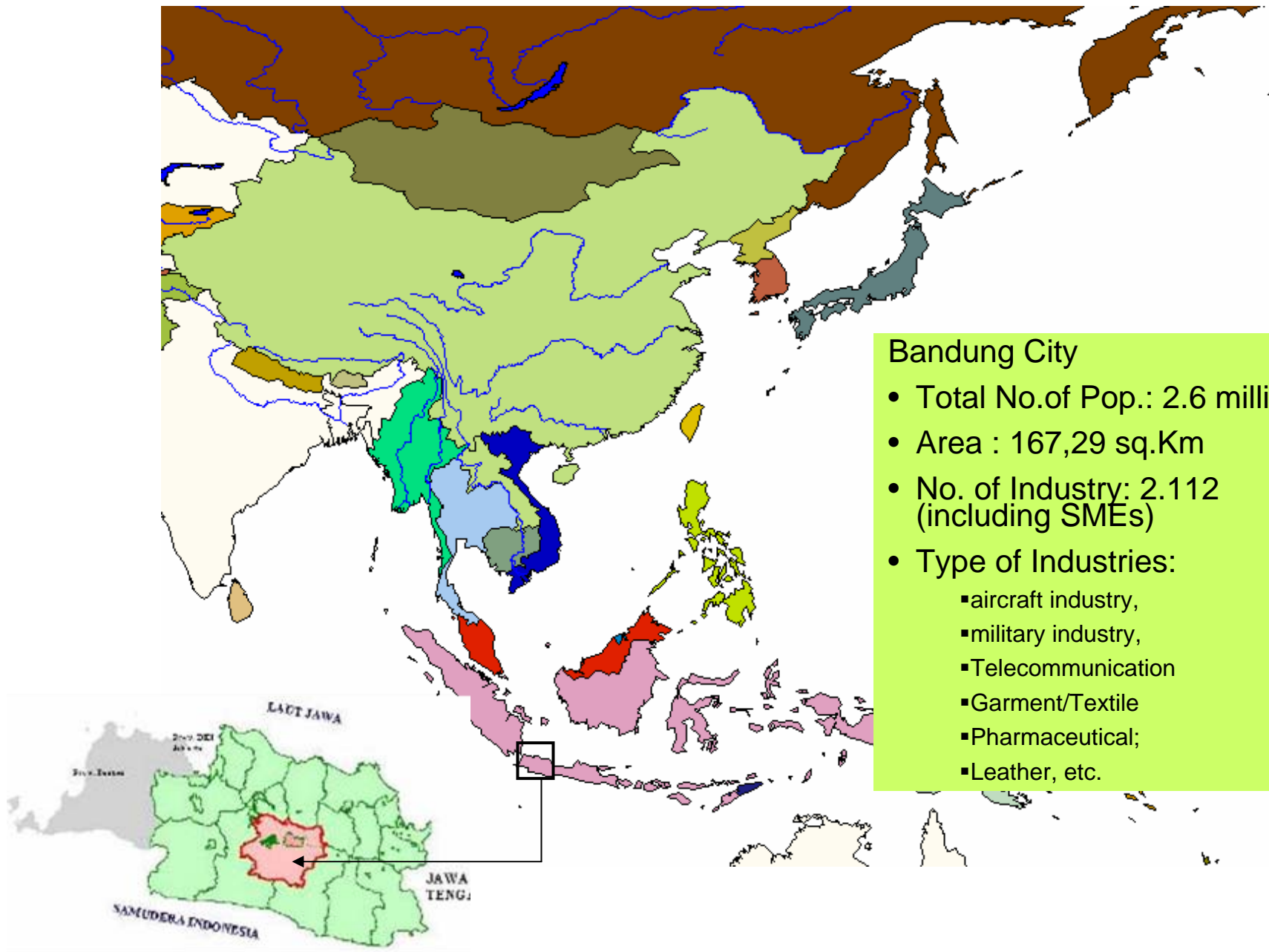
STRATEGIES

GUIDELINES



*Prepared by:  
City Development Planning Board  
(Bappeda Kota Bandung), Oct 2006*

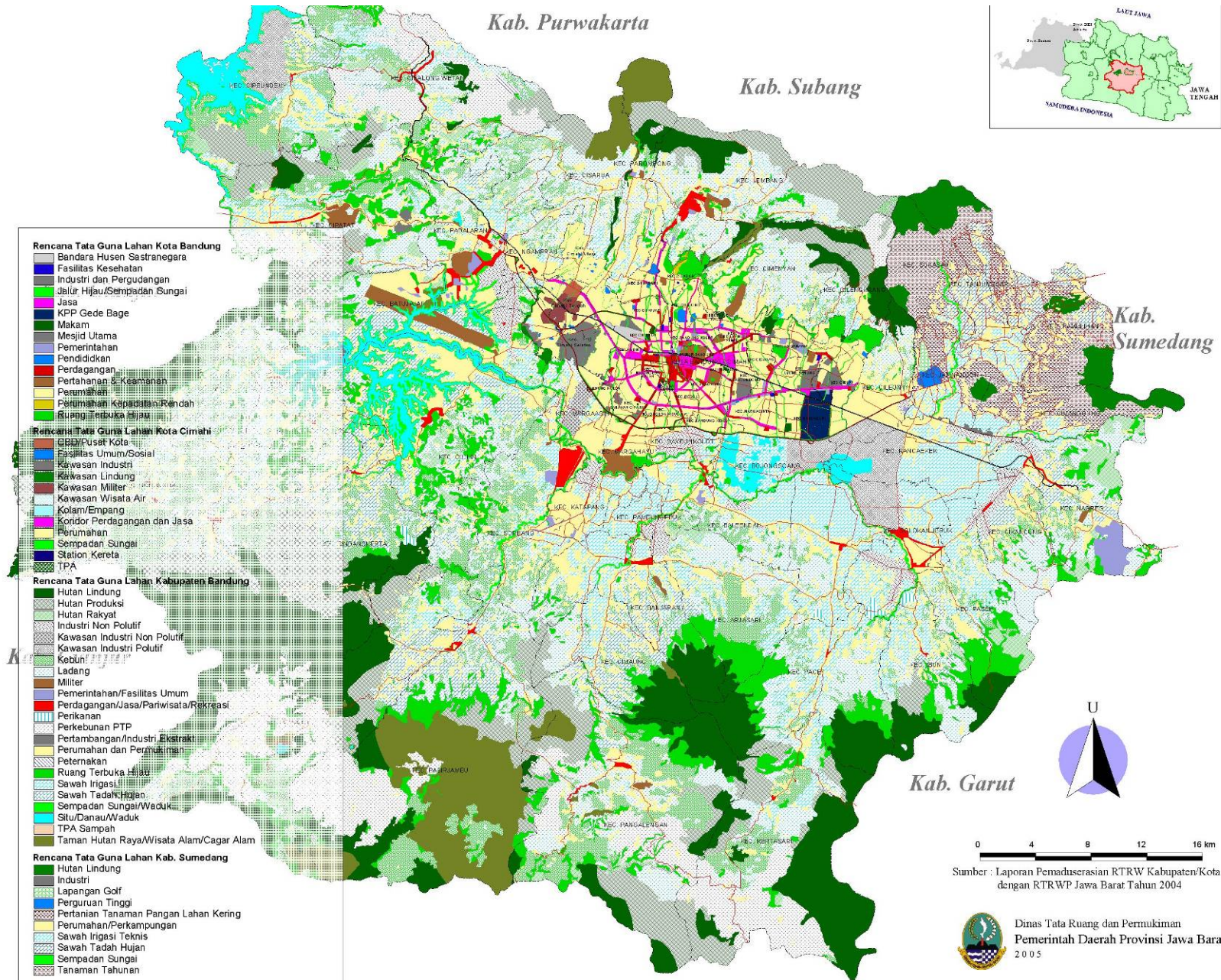
# INDONESIA REGION IN ASIA PACIFIC

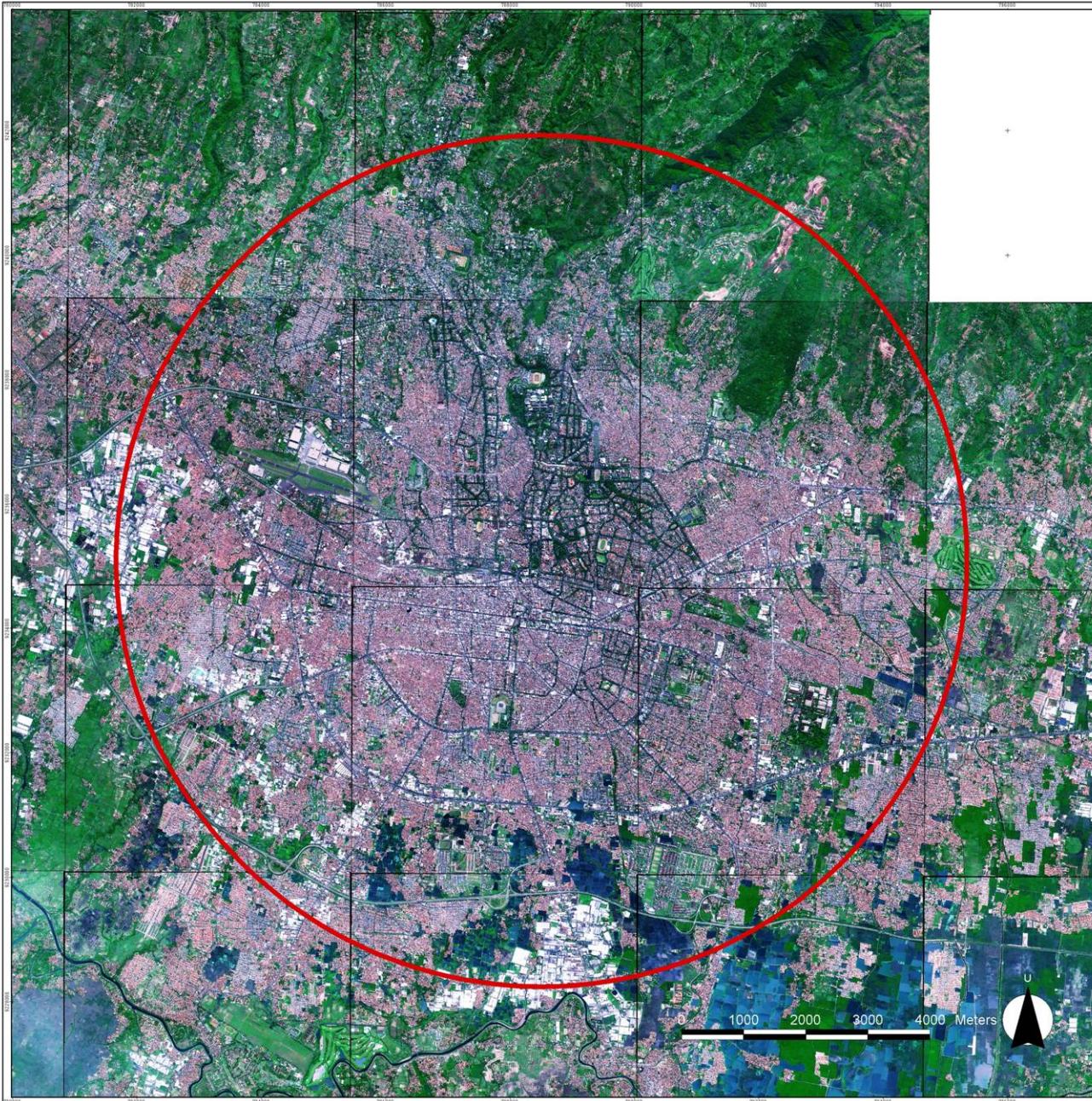


## Bandung City

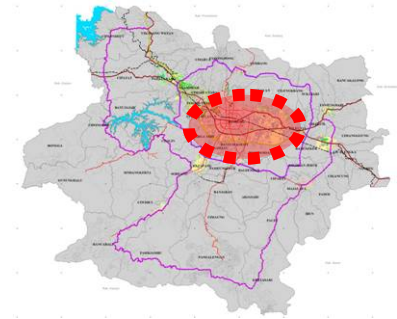
- Total No.of Pop.: 2.6 million;
- Area : 167,29 sq.Km
- No. of Industry: 2.112 (including SMEs)
- Type of Industries:
  - aircraft industry,
  - military industry,
  - Telecommunication
  - Garment/Textile
  - Pharmaceutical;
  - Leather, etc.

# BANDUNG METROPOLITAN AREA (BMA)





## Kawasan Bandung-Cimahi



- **Potensi Wisata:**  
Curug Cimahi,  
Factory Outlet
- **Potensi Ekonomi:**  
Perdagangan dan Jasa

### Legenda :

- Hutan
- Jalan
- Kawasan Industri
- Permukiman
- Perkebunan
- Persawahan
- Sungai
- Tambak
- Waduk/Situ

# Land Use Plan for 2004-2013

RENCANA TATA RUANG WILAYAH  
KOTA BANDUNG  
TAHUN 2013

GAMBAR 4.7

RENCANA  
TATA GUNA LAHAN  
TAHUN 2004 - 2013

LEGENDA

- Batas Kota
- Batas Kecamatan
- Jalan Arteri Primer
- Jalan Kolektor Primer
- Jalan Kolektor Sekunder
- Jalan Lokal
- Jalan Tol
- Rel Kereta Api
- Jaringan Listrik Tegangan Tinggi (Jaringan Transmisi)
- Garis Kontur 750 dpi
- ~ Sungai
- ✈ Bandar Udara
- Stasiun Kereta Api
- TPU

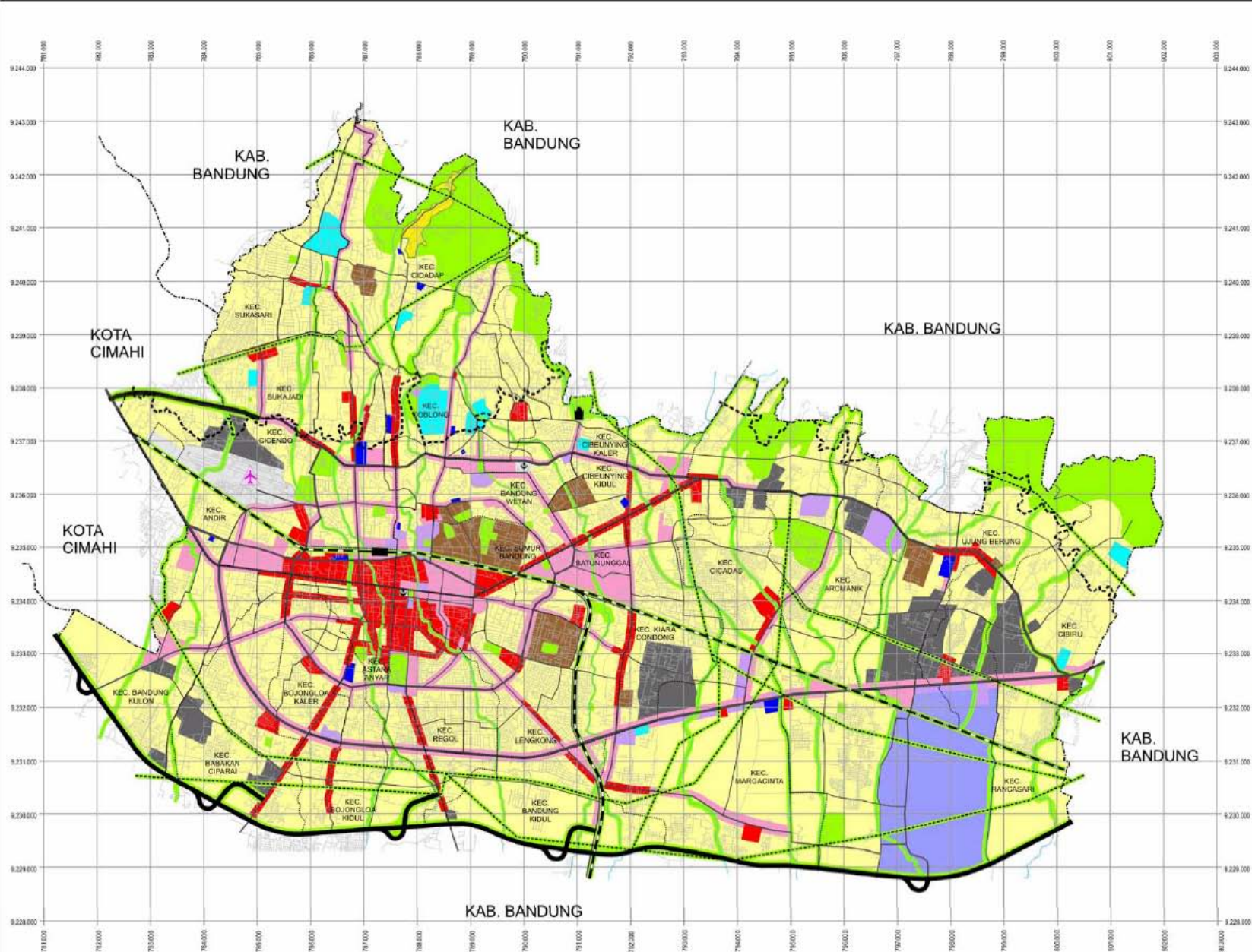
Kawasan Fungsional

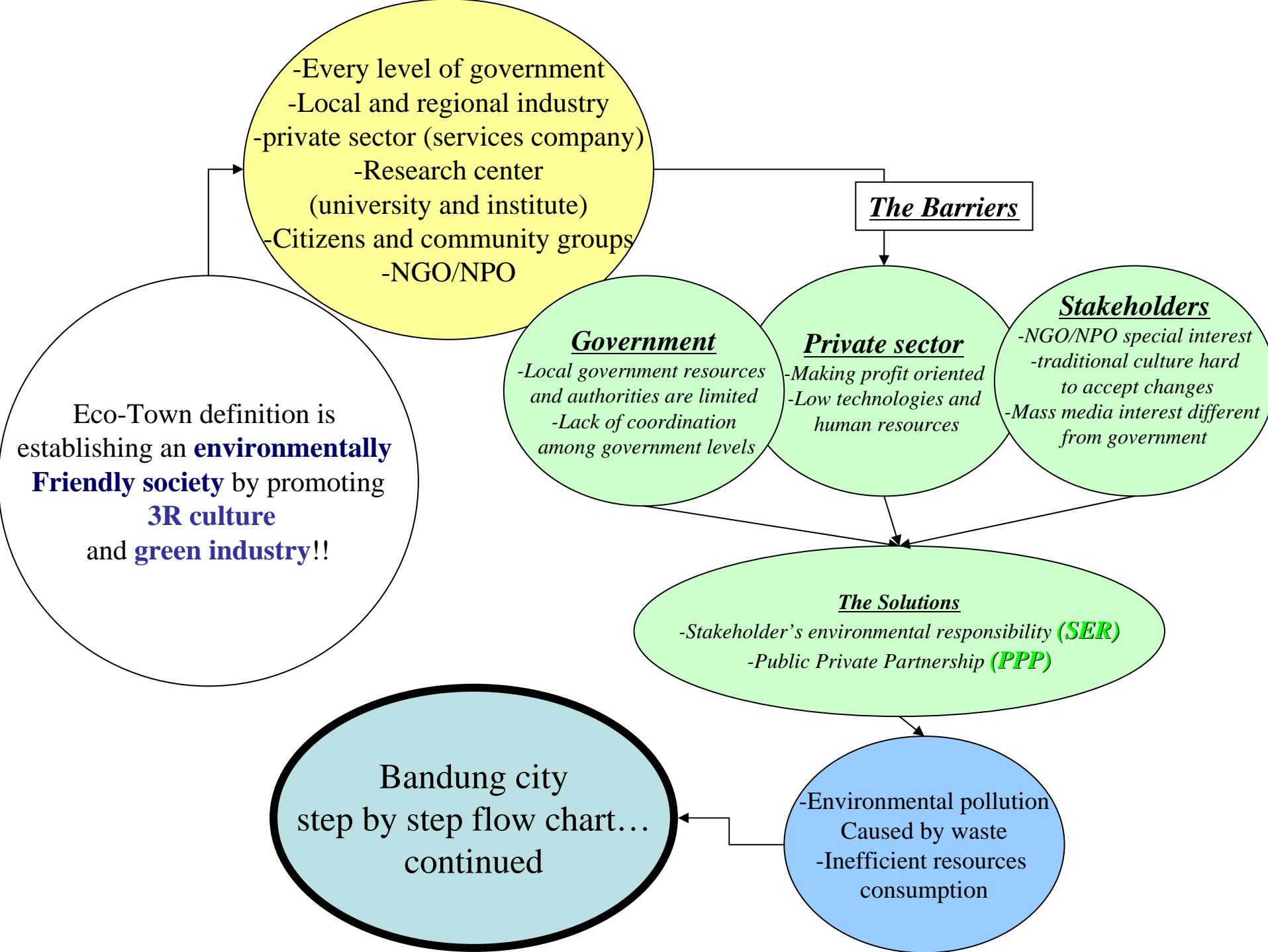
- Perumahan
- Perumahan Kepadatan Rendah
- Jasa
- Perdagangan
- Pemerintahan
- Pendidikan (Perguruan Tinggi)
- Industri dan Perdagangan (Berwawasan Lingkungan)
- Pertahanan Keamanan (Hankam)
- Ruang Terbuka Hijau (Berwawasan Lingkungan)
- Jalur Hijau, Sempadan Sungai
- Kawasan Pusat Primer Gedebage
- Fasilitas Kesehatan (Rumah Sakit)
- Mesjid (Mesjid Utama)

SKALA PETA



PEMERINTAH KOTA BANDUNG





# Bandung City Step by Step Flow Chart

Activities	2006	2007	2008
<b><i>-Formulating national framework</i></b>	<ul style="list-style-type: none"> <li>-Consultation and develop networking with ministries</li> <li>-Cooperation and role sharing with state institutions</li> </ul>	<ul style="list-style-type: none"> <li>-Development of National Eco-Town Strategy</li> </ul>	
<b><i>-Local initiative &amp; capacity building</i></b>	<ul style="list-style-type: none"> <li>-Eco-Town declaration and Mou.</li> </ul>	<ul style="list-style-type: none"> <li>-Development of Bandung Eco-town development plan</li> </ul>	
	<ul style="list-style-type: none"> <li>-Dissemination and socialization through mass media</li> </ul>		
	<ul style="list-style-type: none"> <li>-Training, seminar, workshop, conference, comparative studies and public dialogue</li> </ul>		
<b><i>-Setting up the industry's perception (SMEs)</i></b>	<ul style="list-style-type: none"> <li>-Private industrial dialogue, awareness and commitment</li> <li>-Development of needs assessment</li> <li>-Development of inventory database</li> </ul>	<ul style="list-style-type: none"> <li>-Conducting material flow analysis</li> <li>-Development of green industry scenario</li> </ul>	<ul style="list-style-type: none"> <li>-Development of infrastructure investment proposal</li> </ul>
<b><i>-Promote the community participation through the community leader</i></b>	<ul style="list-style-type: none"> <li>-Raising public awareness through public figures as an Eco Town representative</li> </ul>	<ul style="list-style-type: none"> <li>-Preparation for Public information center</li> <li>-Implementing public participation in 3R process</li> </ul>	<ul style="list-style-type: none"> <li>-Development of public information center</li> </ul>

# DEVELOPING LEGAL BASIS

**THE ACT OF ENVIRONMENT  
UU No. 23 Year 1997**

- All citizen has a right to participate in environmental management
- Partnership of government, business, and community

**MoE'S DECREE ON ECO  
TOWN**

**GOVERNOR'S DECREE ON  
ECO TOWN**

**MAYOR'S DECREE ON  
ECO TOWN**

*IN THE  
FUTURE*

**ECO TOWN will start as a STRATEGIC program**



# STRATEGIES

- **National and Local Government:**

Focus on policy instruments such as laws, rules, procedures, and market-based instruments

- **Business, Trade and Industry:**

Focus on technology systems, including their transfer, management systems, research etc.:

- **Civil Society Entities:**

Focus on education – awareness raising, lesson learnt, sustainable consumption etc.

# GUIDELINES

## □ PLANNING

- Definition of the future clientele of the eco-town
- Selecting site
- Evaluation of potential impacts
- Evaluation of potential socio-economic impacts,
- Site Design;
- Environmentally sensitive construction methods
- Planning for environmental infrastructure
- Planning for operations

# GUIDELINES

## □ ENVIRONMENTAL CONSIDERATION

- Assessment of existing environmental conditions
- Development of environmental performance objectives
- Implementing environmental management systems

**THANK YOU FOR YOUR  
KINDLY ATTENTION**



**Bandung City Government  
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