



Vientiane International Mayors Forum,  
as Integral Part of the 10th Regional EST Forum in Asia  
on 14-16 Mar 2017, led by UNOSD and UNCRD

# Towards Resilient City: Tangerang LIVE Initiative due to Disaster Risk Reduction

Dadi Budaeri  
Secretary of Tangerang Municipality, INDONESIA

Vientiane – March 15, 2017



**CITY SIZE 184 KM<sup>2</sup>**  
INDONESIA BIGGEST  
INTERNATIONAL AIRPORT  
MAKES UP 10% OF THE CITY

### POPULATION

**1.654.357**  
**80 %** OR 1.318.298 PEOPLE  
ARE IN PRODUCTIVE AGES (16-55 YRS)

\* YEAR 2014



OTONOMI DAERAH AWARD



ADIPURA AWARD



### ADIPURA WINNERS



INDONESIA MOST  
PRESTIGIOUS PRIZE  
IN GREEN CITY  
SUSTAINABILITY

2010 2011 2012 2013 2014

### \*\*\* NICKNAMES \*\*\*

1000 INDUSTRIES CITY  
"AKHLAQL KARIMAH" CITY  
"BENTENG" (FRONT) CITY



### LITERACY RATE

KOTA TANGERANG  
NASIONAL 93.2% **98.43%**

\*TAHUN 2012

### HUMAN DEVELOPMENT INDEX

KOTA TANGERANG  
NASIONAL 73.81% **76.05%**

\*TAHUN 2013

### NUMBER OF CRIMES PER 10.000 PEOPLE

KOTA TANGERANG  
NASIONAL 13.4% **2.56%**

\*TAHUN 2012

### ECONOMICS

CITY BUDGET  
USD **305** MILLION  
CITY REVENUE  
USD **100** MILLION  
\* YEAR 2014

CITY GDP  
USD **7.08** BILLION  
TERBESAR DIANTARA  
KABUPATEN TANGERANG  
& KOTA TANGERANG SELATAN  
\* YEAR 2014

GDP PER CAPITA  
KOTA TANGERANG  
USD **4.460**  
NASIONAL USD 3.635  
\* YEAR 2014

### ECONOMICS SECTORS



### ECONOMICS GROWTH

KOTA TANGERANG  
NASIONAL 5.01% **5.03%**  
\* YEAR 2014



### CISADANE RIVER

BIG RIVER AS STRATEGIC ASSET THAT DIVIDED CITY INTO TWO PARTS AS FLOOD PREVENTION, DRINKING WATER, AND TOURISM



ASIAN GAMES  
**2018**  
COUNTRY HOST



### CITY GOVERNMENT PROGRAM

- LIVEABLE → Pro People
- INVESTABLE → Pro Business
- VISITABLE → Pro Tourists
- e-CITY → Pro Technology

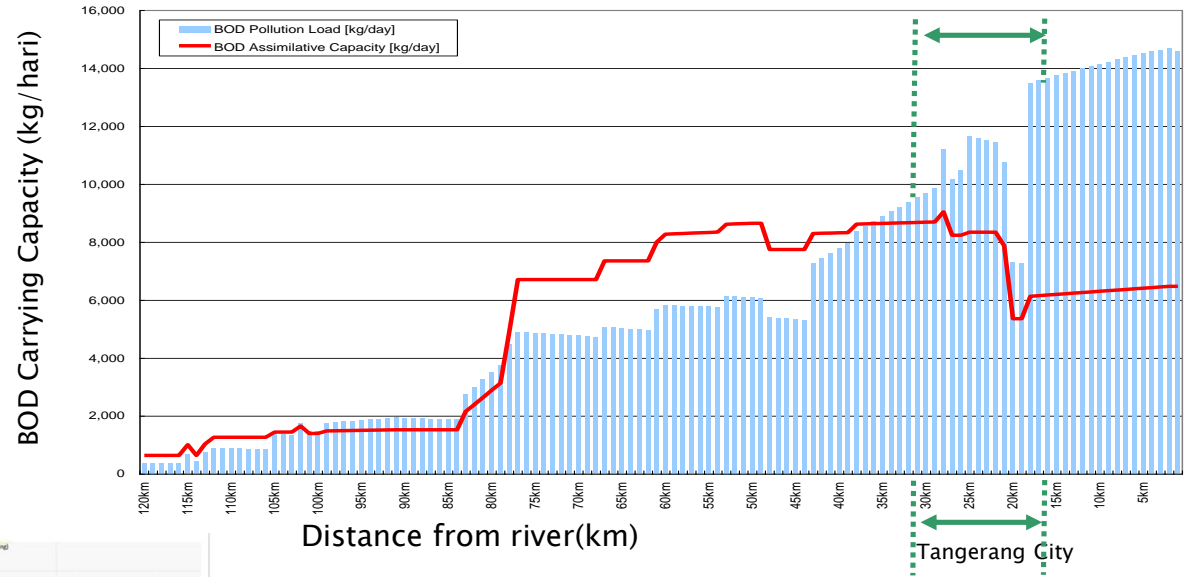
KOTA TANGERANG **2020**  
A QUALITY LIFE IN  
METROPOLITAN CITY

# STRATEGIC ISSUES

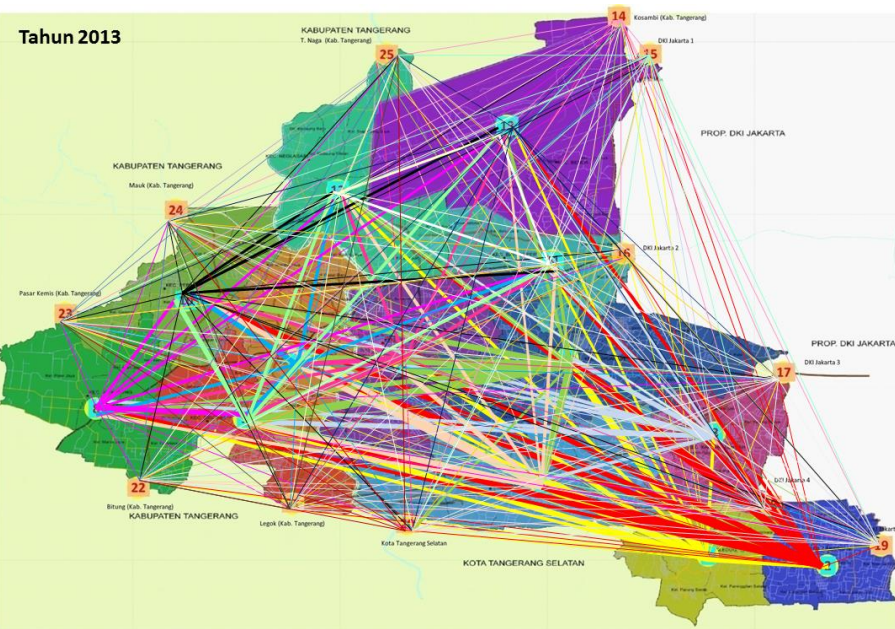
Flood occurrence



Pollution of river & lake



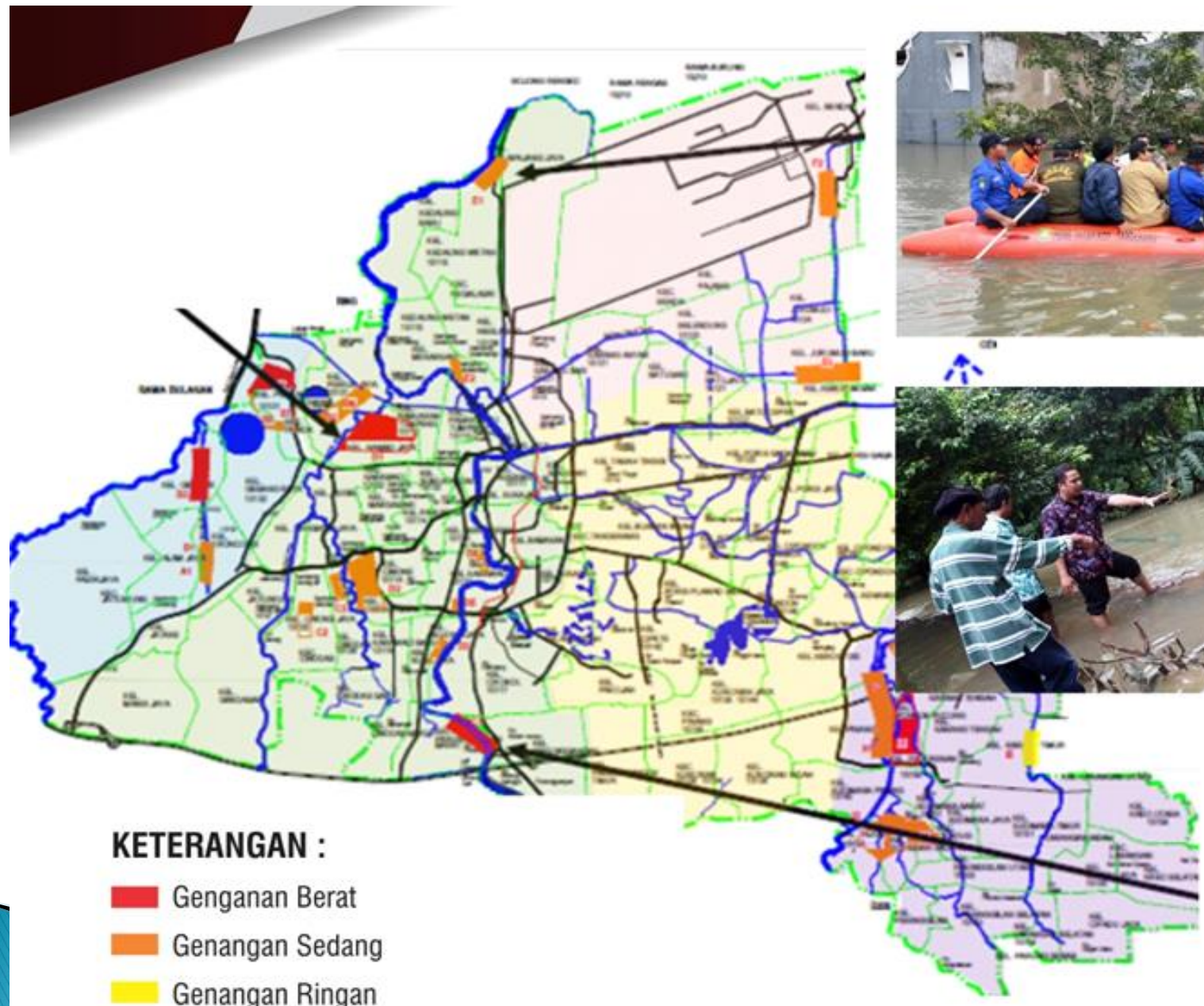
High Trip Generation/congestion



Limited Green Open Space



# Flood Occurrence



# TANGERANG GOVERNMENT KEEPS EFFORT FOR ADAPTATION AND MITIGATION FOR DISASTER OCCURRENCE

## Priority programs

- DISASTER RESPONSE PROGRAM
- TANGERANG FLOOD PREVENTION & MANAGEMENT
- COMMUNITY BASED DISASTER MANAGEMENT (KAMPUNG SIAGA)

Community based disaster management



Embankment & Plaster Construction



Sluice Construction



# Community-based Disaster Management

Providing insight and awareness of disaster risks



Strengthen solidarity for disaster response

Community-based Disaster Management

Building network among communities

Organizing training for disaster management



# IN RESPONSE TO CLIMATE CHANGE ISSUE, TANGERANG GOVERNMENT COMMITS TO PERFORM A SERIES OF STRATEGIC EFFORTS TOWARDS RESILIENT CITY

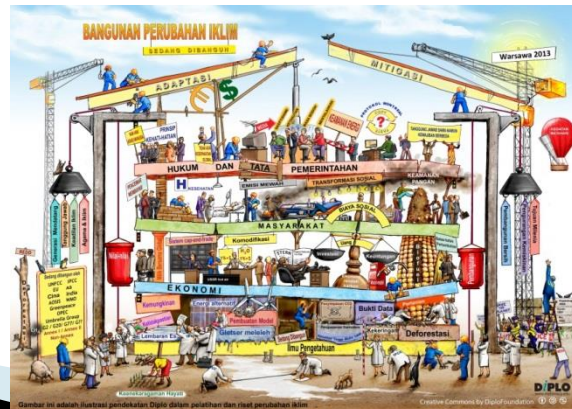
## Priority programs

- Assessing Climate Risk for the city
- Setting strategic for gaining city resilient

### TANGERANG GREEN PROGRAM



### TANGERANG HEALTH PROGRAM



### Redevelop slum areas (Waste bank program)





LIVEABLE

KOTA LAYAK HUNI

KOTA TANGERANG

INVESTABLE

KOTA 1000 INDUSTRI KOTA SEJUTA JASA



Livable

Investable

LIVE INITIATIVE for:  
- Disaster Risk Reduction  
- Adaptation and Mitigation  
in response to Climate  
Change

Visitable

e-city

KOTA TANGERANG

VISITABLE

- Wisata Budaya**  
Kawasan Pecinan di Kota Tua Pasar Lama, Sateker, Kota Lama, Kawasan Budaya, Masjid, dan Gedung-gedung tua yang memiliki nilai sejarah yang tinggi.
- Wisata Kuliner**  
Makanan tradisional khas Kota Tangerang, seperti Bakso, Kebab, dan Kue Tradisional.
- Event Festival**  
Event budaya tahunan yang digelar di kawasan Kota Lama.
- Kampung Wisata**  
Rumah-rumah tradisional yang memiliki nilai sejarah.
- Wisata Belanja**  
Pusat perbelanjaan modern yang menawarkan berbagai pilihan produk.
- Rekreasi**  
Tempat rekreasi yang menawarkan berbagai fasilitas hiburan.



- e-GOVERNANCE**
- e-LELAKSI**
- e-KELURAHAN**
- INVESTTANGERANG.COM**

LEBIH BAIK LEBIH CEPAT LEBIH CERDAS

- WIFI PUBLIC SPACE
- CCTV TRAFFIC CONTROL
- CALL CENTER TANGERANG
- SOCIAL MEDIA (WALIKOTA & CO)
- EKONOMI KREATIF
- INFRASTRUKTUR FIBER OPTIK
- KAMPUNG DIGITAL



# LIVABLE

## CONCEPT

- Community Engagement
- Environmental protection
- Social & physical health

## CHALLENGES

- Limited green open space
- Flood occurrence

## POTENCY

- Tangerang Health (car free day)
- Tangerang Clean (waste bank,

## FUTURE INSIGHT

- Revitalization of lakes
- Construction of city parks

Car Free Day



Tugu Adipura



Cipondoh Lake



Waste bank, waste management system



# Investable

## CONCEPT

- Business area for investors

## CHALLENGES

- Limited housing and dwelling
- High congestion, demand of massed transportation services

## POTENCY

- Spatial plan for strategies areas
- Centre for service, industry and manufacture

## FUTURE INSIGHT

- Housing Construction
- Central Business District
- Massed Transportation System (BRT, LRT, railway)

Green Lake City



Corridors to STA 11 toll gate



Bus Rapid Transit



# Visitable

## CONCEPT

- Cultural, Spiritual, and Business Destination

## CHALLENGES

- Promotion of heritage places
- Revitalizing the Tourism spots

## POTENCY

- Cultural & Spiritual heritage
- International Airport
- Close to Jakarta

## FUTURE INSIGHT

- Revitalization of Kota Lama
- Optimizing Tourism Supports



# e-city

▶ <https://www.youtube.com/watch?v=m7FIYx3Rj0o>

CONCEPT

Smart city

CHALLENGES

- Human Resources
- ICT infrastructures

POTENCY

- Tangerang LIVE Room
- ATCS (Area Traffic Control System)
- IT based official work

FUTURE INSIGHT

- Integrating IT system



# TANGERANG GOVERNMENT ESTABLISHED LIVE ROOM AND DIGITAL DASHBOARD “LIVE Platform” AS COMMAND CENTER

## Information Systems:

- Report of complaints & inputs from community (using Android Apps)
- Real time data transmission from local officers (SIGAP)
- Area Traffic Control System (ATCS)



# Tangerang Disaster Response: Emergency call 112

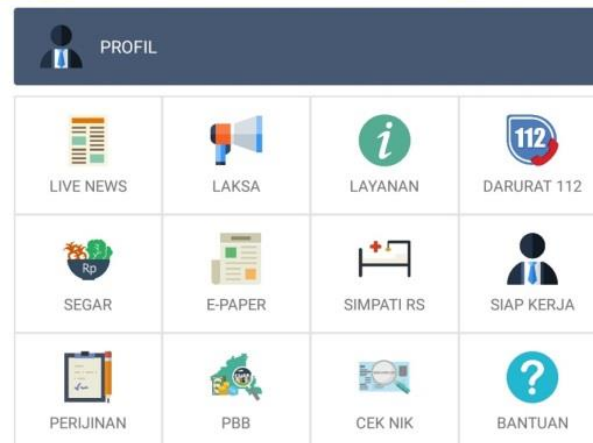
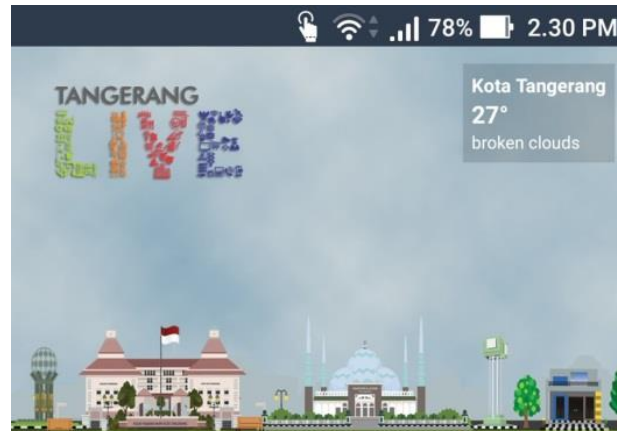
Newest initiative launched in December 2016

<https://www.youtube.com/watch?v=m7FIYx3Rj0o>



Android Application Portal  
Tangerang City

[READ MORE](#)



- Toll free services for:
- Fire disaster
  - Crime
  - Accident
  - Ambulance services
  - Health care
  - Emergency conditions



# Thank You

KOTA  
TANGERANG 2020

HARI INI DAN MASA DEPAN  
HIDUP BERKUALITAS DI KOTA METROPOLITAN



Tangerang

