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

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STRATEGIC ISSUES

Flood occurrence

High Trip Generation/congestion

Limited Green Open Space

Pollution of river & lake

BOD Carrying Capacity (kg/hari)

Distance from river (km)

Tangerang City

BOD Pollution Load [kg/day]
BOD Assimilative Capacity [kg/day]
Flood Occurrence

KETERANGAN:
- Red: Gengangan Berat
- Orange: Genangan Sedang
- Yellow: Genangan Ringan
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

Embarkment & Plaster Construction

Sluice Construction
Community–based Disaster Management

Providing insight and awareness of disaster risks

Strengthen solidarity for disaster response

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

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

Cipondoh Lake
Waste bank, waste management system
Tugu Adipura

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

FUTURE INSIGHT

Green Lake City

Corridors to STA 11 toll gate

Bus Rapit 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

- Human Resources
- ICT infrastructures

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

- Integrating IT system

CONCEPT

CHALLENGES

POTENCY

FUTURE INSIGHT

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

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