



SMART AND SUSTAINABLE CITY POLICY of Bogor City

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ISAP 2015

International Forum for Sustainable Asia and the Pacific

Solutions for Change:

Forging Multi-stakeholder Partnerships towards 2030

28-29 July 2015, Pacifico Yokohama



11,850 HECTARES

46,98% BUILT AREA

176 PRECIPITATION DAYS

26° C TEMP AVERAGE

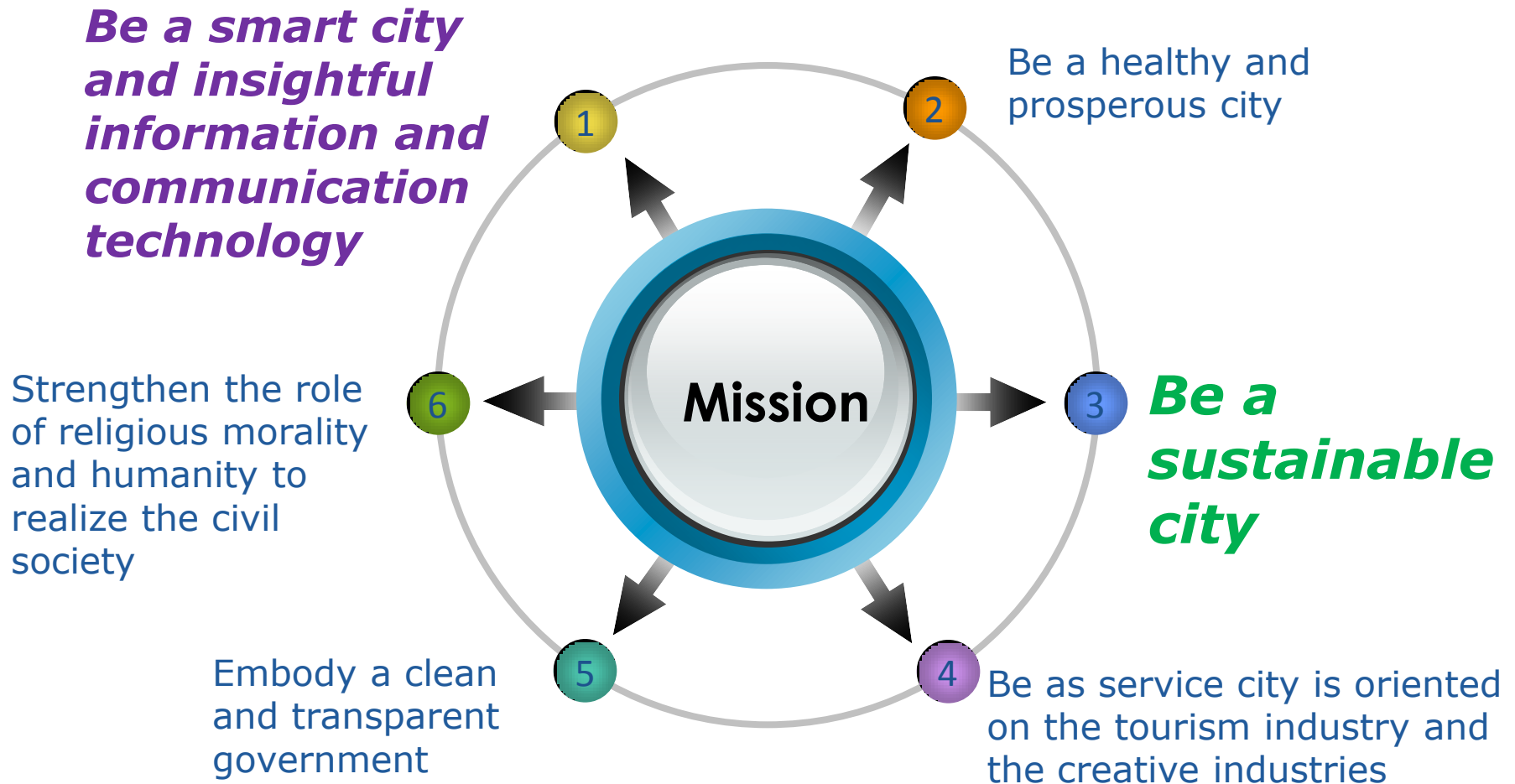
POPULATION
1.004.831
3,87% GROWTH

Economic Growth

6,15%

Vision and Mission of Bogor City Development 2015 - 2019

Vision : “Make Bogor a comfortable city, faithful and transparent”



Objectives and Targets of 1st Mission

Improve the implementation of e-government

- Establishment of a system of government based on Information and Communication Technology (ICT)
- Increasing the quality of public services based on Information and Communication Technology (ICT)
- Increased public access to information and communication systems

Encourage intelligent processes in public decision-making

- Increased quality public participation in development planning and implementation
- Increased public service and complaint handling in the development process
- The availability of baseline data is a powerful, accurate and up to date

Objectives and Targets of 3rd Mission

Improving the quality of spatial

- Establishment of sustainable spatial planning policies
- Increased implementation of the spatial plan and control the utilization of space
- Increasing the extent and quality of green open space

Improving the quality of carrying capacity of city environment

- Reduced levels of pollution caused by urban activity
- Increasing the recovery and conservation of natural resources
- The realization of the arrangement and preservation of the Watershed
- Increasing community participation in environmental conservation

Develop urban transport that promotes mass transit, pedestrians, and cyclists

- The realization of the city's public transport system which is comfortable and environmentally friendly
- Increasing the quality of infrastructure for pedestrians and cyclists
- Reduced traffic jams

Encouraging the development of city-responsive disaster risk and climate change

- Increased disaster prevention and preparedness
- Increasing emergency response
- Increased post-disaster recovery
- Increased management of mitigation and adaptation to climate change

Applying an integrated and sustainable waste management

- Increased solid waste services
- Increasing Waste Management Based on 3R (Reduce, Reuse, Recycle)
- Internalization of waste management as part of the culture of life

SMART CITY PROJECT

Government website management

Health center information systems

CCTV management

Correspondence information system

Development and maintenance of fiber optic infrastructure

Village information system

Development of data warehouse and data center

Spatial information systems

Improving the quality of government office LAN

Development planning information system

Maintenance of Bogor Green Room

Population information system

Disaster information system

Public complaint information system

SUSTAINABLE CITY PROJECT

Central and City Budget

Pedestrians Path development
Bus Transit System
Sustainable Transport Masterplan arrangement
Car free day
Converting gasoline to CNG
LED for streetlighting development
Waste to Energy (domestic waste, cooking oil)
Pollution and car emission measurement
Sanitation facilities
Solid Waste 3R and Garbage Bank
GHG Action Plan
Disaster Masterplan arrangement
Green Open Space development
Biopori and infiltration well development

GHG Inventory
Supporting in City Development Plan Arrangement
Supporting in City Strategic Environmental Study for City Development Plan
Supporting some infrastructure (retrofitting, LED for streetlighting, special bus) in progress
Resilient city program

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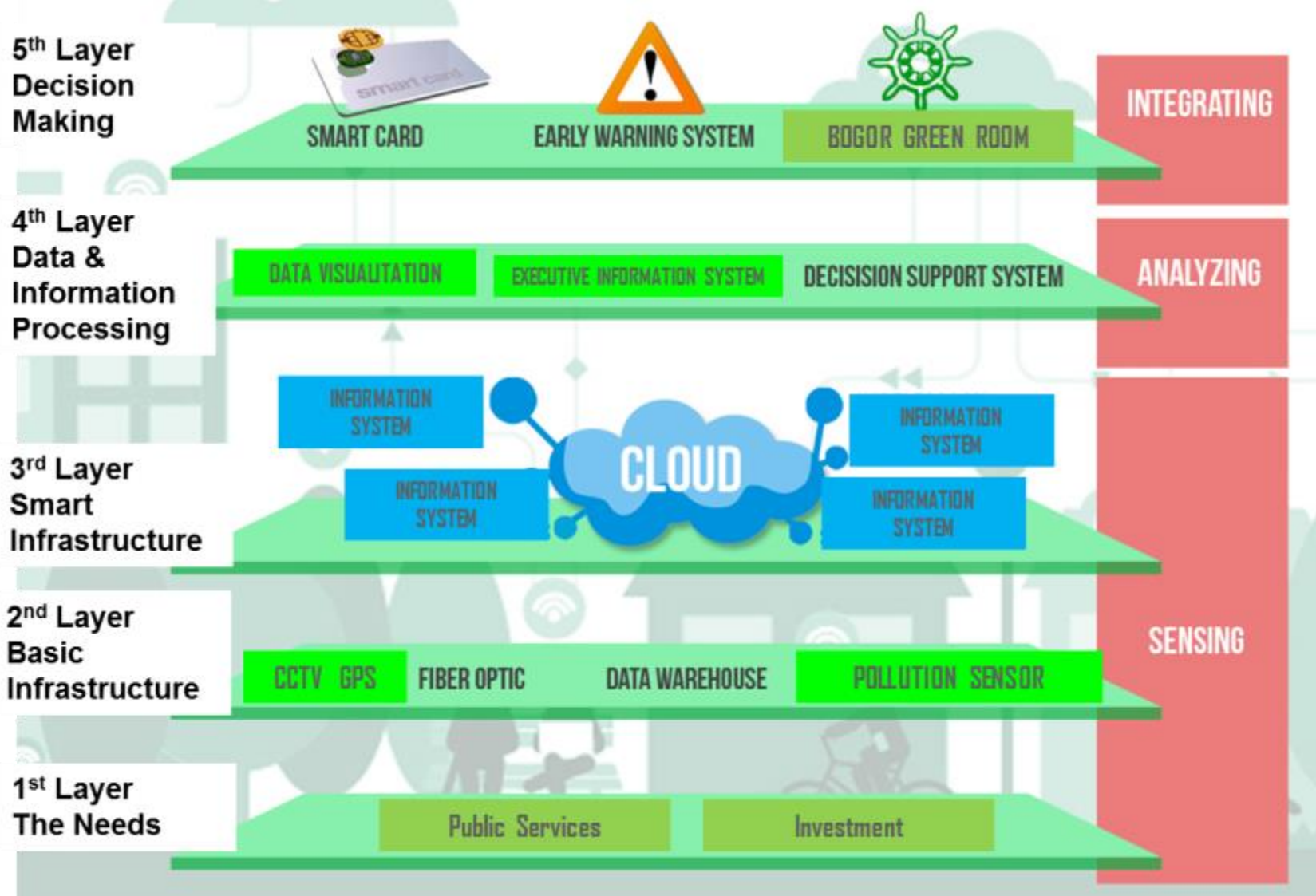
Climate Change and Energy Masterplan
Smart Streetlighting Masterplan

AFD (in preparation)

Infiltration Facility Development (Pladam Kun) at Bappeda and Bogor Utara Office Parking Yard
(Construction at 20 August 2015)

JICA

SMART CITY ARCHITECTURE PLAN OF BOGOR CITY



PROSPECT OF COOPERATION

1. Background :

- City of Bogor has smart city and sustainable city
- Smart city concept aims to support policy-making supported by information management systems (including IT systems) and a strong management capacity
- To get to the eco-city, capacity monitoring and management of environmental quality which include air pollution control, water and soil needs to be improved.
- Bogor City already installed Bogor Green Room which aims to monitor some activities related to social issues and the environment such as traffic management, population, weather and so on
- Some of the activities of the municipal government and cooperation activities with international institutions was already underway and that has generated a lot of data and information is still scattered and need to be manage

2. Potential Cooperation :

- Strengthening the capacity of data management systems / information
 - This includes the development and strengthening of the capacity of the monitoring methodology, database system management (real time basis and sustainability), and analysis related to environment field. The output of this activity is to support the policy-making process, support the preparation of the Regional Environmental Status of Bogor City, and improving service standards, **through the development of human resources and supporting infrastructure related to the environment (e.g. pollution control, ground water detection, energy consumption detection of public transport)**
- Green building
 - To get to the application of green building, the current status needs to be known about the energy efficiency in buildings, especially in the Bogor city government offices, and later developed into a commercial building. Results of these studies can be compiled minimum standards of green building in the city of Bogor.
- Other studies related to the application of technology within the context of Bogor that support the realization of the acceleration of smart city and green city (**energy efficiency, community energy systems, renewable energy, low carbon transport, tree planting, waste management, pollution control**)



Thank You

Terima Kasih

Hatur Nuhun