

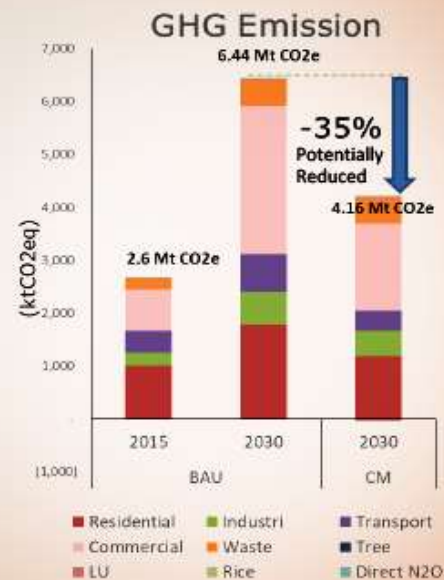
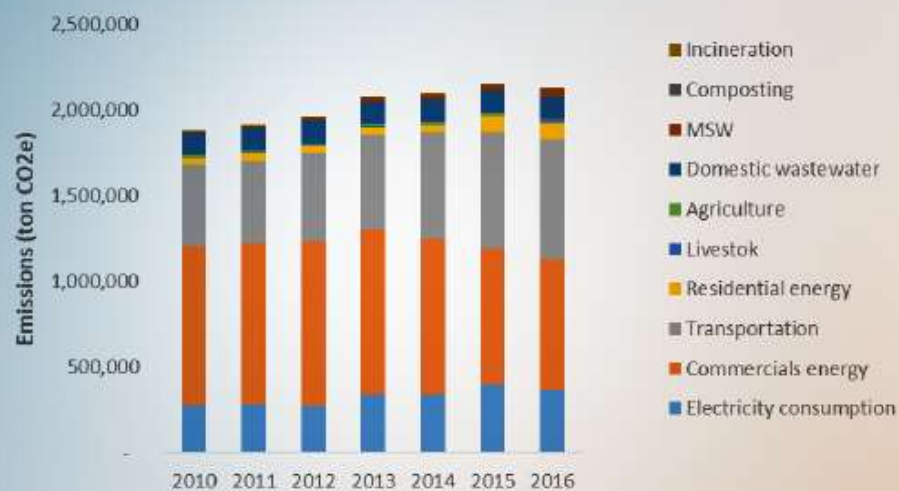


BIMA ARYA
MAYOR OF BOGOR CITY

BOGOR TOWARDS LOW CARBON CITY

GHG INVENTORY

Bogor City Emission Profile 2010-2016





URBAN LEDS I IN BOGOR ITY

- Indonesia National Project Launch:
Bogor City, 04 July 2013
- Project Periode : 2013 - 2016



This project is funded by the European Union. The views expressed on this document can in no way be taken to reflect the official opinion of the European Union.





LOW CARBON STRATEGI

ENERGY

- Mode shift to Bus, walking and bicycle pedestrian path development
- Smart control Energy efficiency in public , commercial, settlement facilities

LAND USE

- Improve Green Open Space
- Improve low emission city agriculture

WASTE

- Improve solid waste management
- Improve 3R of Solid Waste system
- Improve domestic wastewater facilities

RELEVANT DEVELOPMENT PROGRAMS IN 2015 - 2019

No	Program	Activities	Responsible agency
1	Policy umbrella for climate change related programs	Implementation of mitigation and adaptation actions	Development Planning Agency
		Monitoring and evaluation of mitigation and adaptation actions	Environmental Agency
		Environmental pollution and damage control	BPBD
		Vulnerability analysis to support identification of relevant adaptation options	
2	Energy efficiency	Establishment of climate change working group to support implementation of mitigation and adaptation actions at household level	Development Planning Agency
		at commercial facilities	Settlement Agency
		at government facilities	Public Works and Housing Agency
		Conversion to BRT	
3	Transportation	Conversion to cleaner fuel	Transportation Agency
		Parking policies e.g high parking tariff and no street parking policy to encourage people using public instead of private transportation	
		Improvement and development of pedestrian and bike lane to encourage shifting from using motorized transportation for short trips	Public Works and Housing Agency
4	Low emission agriculture	Climate smart agriculture	Agricultural Agency
5	Improvement of green spaces	Low emission animal husbandry	
		Quantity (development of new green spaces)	
		Quality (replanting and rehabilitation of existing green spaces with hardwood trees)	Gardening Agency
		3R	
6	Waste management	Waste Bank	
		Composter	Environmental Agency
		Development of new IPAL facilities to cover more areas without onsite waste-water management facilities	

GOVERNMENT BUDGET RELATED MITIGATION AND ADAPTATION OF CLIMATE CHANGE

Average (2015 – 2018) **10 Million US\$** per year or **7,27%**
from Average City Budget include Central Budget
(140 Million US\$)





CITY REGULATION

RELATED MITIGATION AND ADAPTATION OF CLIMATE CHANGE

- 19 Regional Regulation

- 27 Mayor Decree

TRANSPORTATION

BRT
Conversion of
796 small city
transport into
252 minibuses



PEDESTRIAN
Expansion of
pedestrian
location and
size



FUEL
Conversion into
CNG for public
transportation



PARKING
Park and
Ride

PUBLIC OPEN SPACE



TAMAN HEULANG



TAMAN KAULINAN

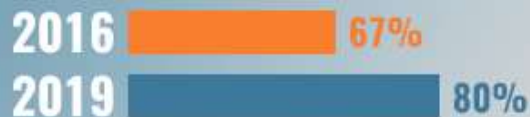


TAMAN CORAT-CORET





SANITATION SERVICES



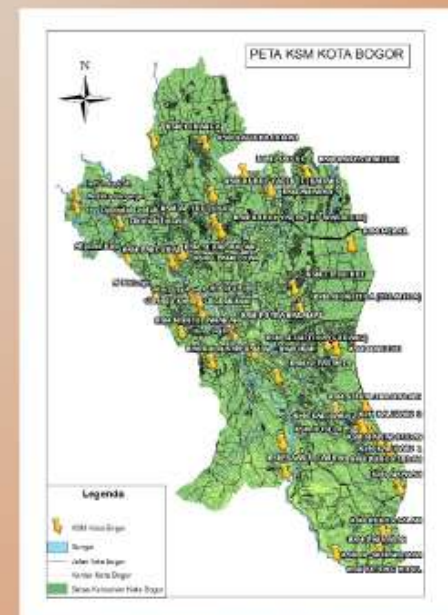
Off site IPAL : 400 SR

Off site at community level : 125 unit, for 2.000 family

To improve off site system in community/ comunal level

Masterplan New Off site IPAL prepared by AFD

City Decree Draft of Sanitation Management



DECRASING OF SLUM AREA:

2015: 129,885 HA

2017 : 96,545 HA

DECRASING 33,34 HA (25,66%)



COMMUNITY BASED OF WASTE MANAGEMENT

Our waste, Our responsibility

Community Waste Bank
2012- 2017- 233 unit

Mayor Regulation
of Plastic Solid
Waste Reduction



3R DEPOT · 13 unit

Community Selfhelp
Group involving
community leaders

ECODRAINAGE SINDANGRASA VILLAGE



ECODRAINAGE BAPPEDA AND NORTH BOGOR SUBDISTRICT OFFICE





THEMATIC VILLAGE

A 3D architectural rendering of a watershed naturalization project. The scene shows a river with numerous circular, dark-colored floating structures (likely biofilters or aeration devices) in the water. The riverbank is landscaped with green grass and small white flowers. In the background, there are several small houses with green roofs and walls, and a paved area with a few people walking. The sky is blue with scattered white clouds, and the mountains in the distance are covered in green vegetation.

CILIWUNG WATERSHED NATURALIZATION



Focus

- Public transport
- Solid waste and sanitation
- Green infrastructure
- Public open space
- Health air

Funding Strategy

- grab any source of fund

Direct loan problems

- Low budget
- Complex regulation

Focus

- CSR
- Philanthropy
- Grant
- Public private partnership