

## Low carbon vision:

Realize a clean and environmentally sound city based on developing green economy with emphasis on services that optimize the use of existing natural resources.

### Final energy consumption in the community:

5,550,235 GJ (2014)

### GHG emissions from the community:

4,970,635 tCO<sub>2</sub> (2013) \*Scope 1 emissions

### Main economic activity:

Trade, Tourism, Services and some Industries.

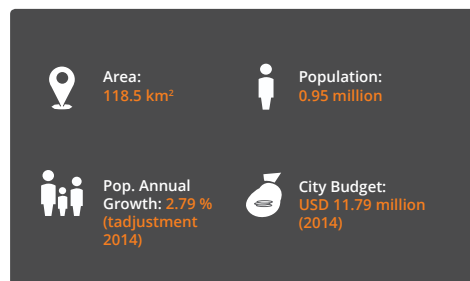
### Main priority sectors for Low Emission

#### Urban Development:

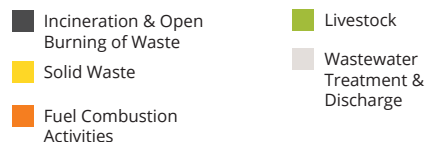
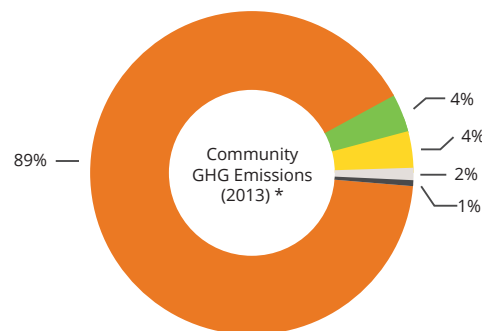
Transportation, Energy efficiency, Waste management (recycling and waste-to-energy).

## Commitments:

The local government is in the process of analyzing data to set specific commitments based on factual information from the draft GHG inventory. It has already set a renewable energy target for the government operations: 33% reduction by 2014.



## GHG inventory established in project:



\* Indicative per September 2014

## LED actions enabled by the Urban-LEDS project :

### Bogor City Council approved a budget of 12 million USD for sustainable transport

The city council decided at the end of November 2014 to allocate about 12 million USD (IDR 147.067 Milyar) to improve sustainable low emission transport in the city. This will support the revitalization of the Bus Rapid Transit (BRT) system "The Transpakuan" which serves 14 kilometers (km) of the city area. The buses will switch to using gas, as a low emission fuel option. Another objective is the conversion of a huge number of minibuses to either use gas (planned for 1000 minibuses) or electricity (50 minibuses). In order to implement this, the city will provide converter kits or devices to support the conversion of premium fuel to gas as well as to electricity. These actions will not only help the city reduce its emissions considerably, but also lead to better air quality and support the national government's goal of achieving its emission reduction targets.

### 5-year development plan and GHG inventory

Bogor is in the process of setting up a 5-year development plan (RPJMD) with an LED Strategy as a basis, guiding strategic actions until 2019. It includes a regulation on Green Building Standardization, a Mayoral Decree on Transition to EcoMobility using Pedestrianization, a Mayoral Decree on 'Heritage City Management' focusing on building retrofitting, pedestrian areas, conversion of street lighting to light-emitting diodes (LEDs) as well as replacing the traditional light bulbs with LEDs in heritage buildings. The City is currently finalizing its GHG inventory.

### Bogor's Walkability Campaign

It has already decided to build 22.5 kilometers of pedestrian paths until 2020 with first phases concluded. These paths are equipped with tag tiles, bicycle lines, and green areas and are completely integrated with public transport stations and public places. A park-and-ride system is also planned.

### Green Building Concept

Bogor is advancing in adopting the green building concept for buildings to be constructed from 2015 onwards. The local government has allocated funds in the annual budget to build the new House of Representative Building based on Energy Efficiency principles. In addition, a number of historic buildings in a popular heritage area have been identified for retrofitting, to be concluded in the next five years.

### Waste-to-Energy Program

The local government is further developing a "waste-to-energy program" that focuses on transferring waste from compost residuals into energy.

## Further engagements:

- Reporting in the carbonn Climate Registry ([www.carbonn.org](http://www.carbonn.org))
- Earth Hour City Challenge participant (2014)
- GHG inventory is compliant with the Global Protocol on Community-Scale Gas Emissions (GPC)



*"To shift Bogor City towards a low carbon development trajectory, the city will reduce GHG emissions by developing a set of environmental and low emission city regulations and policies. The city priorities are: to improve the quality of spatial planning and implementation; promote mass transportation, pedestrians and cyclists; and encourage urban development responsiveness to disaster risk and climate change impacts."*

**Bima Arya Sugiarto,  
Mayor of Bogor**

