Sustainable Urban Transport
ACCELERATING ENERGY EFFICIENCY ACTION
City of Bogor

11,850 HECTARES

Pop: 1,004,831
3.87% growth

- Reporting at carbonn Climate Registry
- Expressed intent to comply with Compact of Mayors
- Urban LEDS Profile http://urbanleds.iclei.org/index.php?id=408
Bogor City GHG Inventory

- Developed by IPCC expert, Stephen Kenihan & ICLEI, based on consultation with City Working Group, May 2014 - Feb 2015
- Using Bogor community GHG inventory developed under Urban LEDS
- ~ 4MtCO2e/yr in 2010, doubling by 2020,
- Transport: highest share

![Bogor City, GHG Emissions Inventory (2010)](image)

**Transport** 33.8%

**Manufacturing** 32.2%

**Commercial and Institutional** 5.3%

**Agriculture Non-CO2** 0.5%

**Livestock** 0.1%

**Open Burning of Waste** 1.1%

**Solid Waste** 6.1%

**Wastewater** 4.0%

**Industrial Processes** 0.0%

**Biological Waste** 0.0%

**Manufacturing** 32.2%

**Transport** 33.8%
PEOPLE’S MOBILITY PATTERN ON CITY CENTER

POOR PEDESTRIAN;

HIGH RATE OF TRAFFIC VIOLATION

POOR INFRASTRUCTURE;

QUALITY OF PUBLIC TRANSPORTATION

ANGKOT OWNERSHIP

DAILY TRAFFIC JAM

± 600 PEOPLE COMMUTER/DAY

AS A TRANSIT POINT

± 600 PEOPLE COMMUTER/DAY

DAILY TRAFFIC JAM
## URBAN DEVELOPMENT AND MOBILITY ENHANCEMENT STRATEGY:
- Reducing traffic load in city center
- Developing public transportation

## POLICY OF CITY’S MOBILITY DEVELOPMENT

<table>
<thead>
<tr>
<th>PEDESTRIANS</th>
<th>BICYCLES</th>
<th>PUBLIC TRANSPORT</th>
<th>COMERCIAL VEHICLE</th>
<th>TAXIS</th>
<th>HOVs</th>
<th>CAR</th>
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- Development of pedestrian
- Development of mass public transportation
- Development of green public transportation
- Development of road network enhancement
- Development of freight and passenger terminal
- Development of TOD
- IT based transport law enforcement
- Regional mobility enhancement
- Local mobility enhancement
Alternative Energy

**CNG ANGKOT**
Installation of CNG Converter Kit to existing angkot & development the gas station

Current Status : 50 angkot
Target: up to 1000 angkot in 2020.
Gas Station available at PGN Office Bogor, will then be built at the North & South Bogor Area.

**Electric ANGKOT**
Developing grid as the base for future public transport. Prototype Is developed in cooperation with LIPI (Indonesian Institutions of Sciences)

Current Status : 1 prototype (FS)
Target : Feasibility Study
PUBLIC CAMPAIGN
“Dinu kiwari ngancik nu bihari, seuja ayeuna sampeureun jaga”