Bandung city

- Bandung city is the capital of West Java Province in Indonesia, the country's third largest city with the population of 2.5 million in 2013.
- Bandung is located 768 metres above sea level, approximately 140 kilometres south east of Jakarta, Bandung has cooler temperatures year-round than most other Indonesian cities.
- The city lies on a river basin surrounded by volcanic mountains.
BANDUNG CITY FOLLOW LOW-CARBON POLICY OF INDONESIA
EXAMPLE: CO2 EMISSIONS INTENSITY OF ENERGY SECTOR IN INDONESIA

International (2005), Ton C/capita
- Japan, UK, Germany 2.5
- US 5.5; Canada 4.2
- India 0.3; China 0.6
- World (average) 1.0 – 1.1

Time

Developed Countries

Developing Countries

Leapfrog-development

Indonesia (2005) 0.38 ton C/capita

Indonesia BAU (2050): 3.62 ton C/capita
(13.28 ton CO2/capita)

World Target (2050): 0.5 ton C/capita

GHG per capita in 2050
CM1 0.89 ton C (6.91 ton CO2)
CM2 0.63 ton C (2.31 ton CO2)

BANDUNG CITY USE CO-BENEFIT APPROACH AS BASIC POLICY FOR SUSTAINABLE SOCIETY

Benefits for Climate Change

Benefits for Development

CO-BENEFITS

POLICY OF IMPLEMENTATION

CO-BENEFITS

POLICY OF IMPLEMENTATION
### Bandung city promote Green Technology

#### Pollution management:
- Air pollution control
- Wastewater and solid waste management
- Remediation and clean-up of soil and water
- Noise and vibration abatement
- Environmental monitoring analysis and assessment

#### Cleaner technologies and products:
- Cleaner/resource-efficient technologies and processes.
- Cleaner/resource-efficient products.

#### Resource management:
- Water supply
- Recycled materials
- Renewable energy plant
- Heat/energy saving and management
- Sustainable agriculture
- Natural risk management

### Components of Bandung Low Carbon City Plan
- City Green Open Space;
- Public Street lighting;
- Sustainable Solid Waste Management;
- Wastewater Treatment
- Sustainable Transportation
City Green Open Space

Increasing extent from 12% (2013) to 23% (2018)

Public Street Lighting

Increasing amounts of Public Street Lighting Spot from 27,091 (2013) to 36,000 spots in 2018
Sustainable Solid Waste Management

- Waste To Energy from 0% (2013) to 35% in 2018;
- 3R from 7% (2013) to 30% (2018);
- Landfill from 69% (2013) to 25%

Wastewater Treatment

Increasing Capacity of Wastewater Treatment from 64% (2013) to 74% in 2018
Sustainable Transportation

Increasing Quantity & Quality of Service from Public Transportation Utility and Means from 25% (2013) to 50% (2018)

- Bus
  - Bandung has developed Mass Rapid Transportation facilities.
- Skywalk
  - To increase bike user and walking habit, Bandung will provide Skywalk, a steel bridge along Jalan Tamansari-Cihampelas road.
- Bike Sharing
  - Bicycle sharing system that is a service in which bicycles are made available for shared use to individuals on a very short term basis.

Thank you for your attention...