



Beautiful Malang



# BEAUTIFUL MALANG



# Malang at a glance

- Mayor : H. Moch Anton
- Population (Census 2010): 895.338<sup>++</sup>
- Area : 110,056 square km
- Around 440 – 667 m above the sea



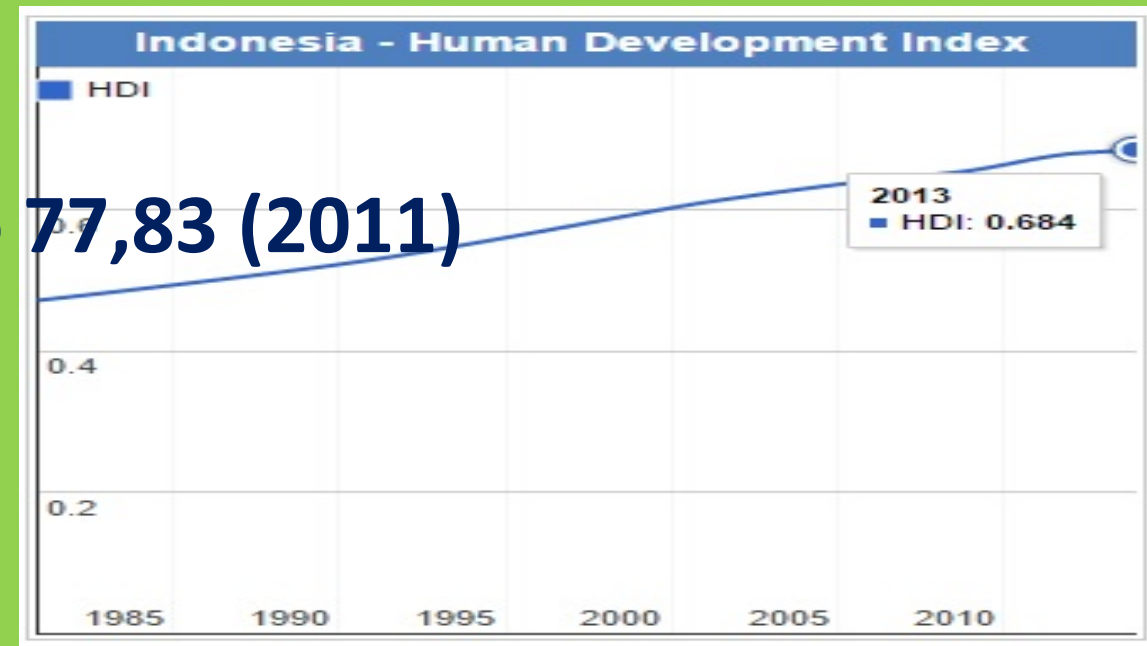
# Statistics :

- Economic growth :

Increasing from 5,86% (2004) to 7,3% (2013)

- Human Development Indexes

Increasing from 68,33 (2003) to 77,83 (2011)



# Green City

Green City Initiaves in Malang City focus on 3 attributes, namely :

**Green Planning and Design, Green Community and Green Open Space**

The initiatives are simultaneously expanded with other programs which are dedicated to other green atributes (green waste, energy and water) based on our potential and local capacity



2. Ecological Friendly



1. Development of Green Cities Attributes & Masterplan



4. Utilization of landfill gas for 408 Households



3. Establishment of Environmental Cadre and Green Community Forum

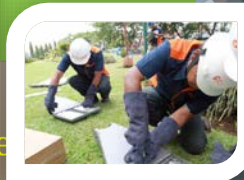
7. Composting and Urban Farming



5. Solar Powered and Energy Efficient Street Lights



6. Malang Waste Bank



8. Worm breeding to reduce waste in riverside settlements



9. Liquid Waste Management Installation



10. Green and Clean Village Kampong Contest



# OUTPUT



Utilization of Methane from landfill



Keeping 10 percent private land for green space to reduce water run off



Zero Waste Village/  
Kampoong  
Pilot Project



Cooperation with private sector  
Corporate Social Responsibilities  
(CSR)



Exemplary leadership in planting



Vertical building to keep green belt area at riparian or river banks.

Housing Relocation from the river bank resident to vertical building



Educate Young Students

# Malang it is commonly known as “Education City” :

- *Elementary school (SD)* = 269 schools,
- *Junior high school (SMP)* = 97 schools,
- *Senior high school (SMA)* = 44 schools,
- *Vocational high school (SMK)* = 51schools
- *Religion Elementary school (MI)* = 50 schools,
- *Religion Junior High school (MTs)* = 25 schools,
- *Religion Senior High school (MA)* = 15 schools
- ***Total*** = ***551 schools***
- ***More than 60 University and College***



# Issues related to Climate Change

- **Malang city air pollution per year**
  - **CO2 Emission** 249.120.924 Kg/Tj
  - **Three Highest CO2 Emission from:**
    - **Private Vehicle** 88.917.140 Kg/Tj
    - **Motorcycle** 71.182.656 Kg/Tj
    - **Small vehicle** 34.884.338 Kg/Tj



# Issues related to Climate Change

- **Malang city disease per year**
  - **Total patient** **278.558**
  - **Three Highest Patient Disease:**
    - **Upper Respiratory Infection (URI)** **83.462**
    - **Primer Hypertension** **50.612**
    - **Influenza (Unidentified virus)** **29.108**

# Issues related to Climate Change

- Indonesia number of vehicles per year

Year	Private vehicle	Motorcycle
2005	5.076.230	28.531.831
2006	6.035.291	32.528.758
2007	6.877.229	41.955.128
2008	7.489.852	47.683.681
2009	7.910.407	52.767.093
2010	8.891.041	61.078.188
2011	9.548.866	68.839.341
2012	10.432.259	76.381.183

# What are next?



What is still required?

green-building technologies and green public transportation are concurrently needed, particularly in creating a greener and livable city of Malang in the future

- **Malang city is holding environment data collection activities, involving all schools, to obtain data supporting the realization of a comfortable, healthier and safer city**

- **”A city is more civilized not because it has a highway but because children can play easily and safely”**

- **Enrique Peñalosa, Bogota-Kolombia**

**Malang city is a city with tens of thousands of students.**

**This city needs  
a sustainable urban transport,**

**making this city a comfortable, healthy and  
safe**



Thank you...  
Best regards from  
Beautiful Malang

