

PERTEMUAN 3

CLIMATE CHANGE : **WHY SHOULD BE** **GREEN?**

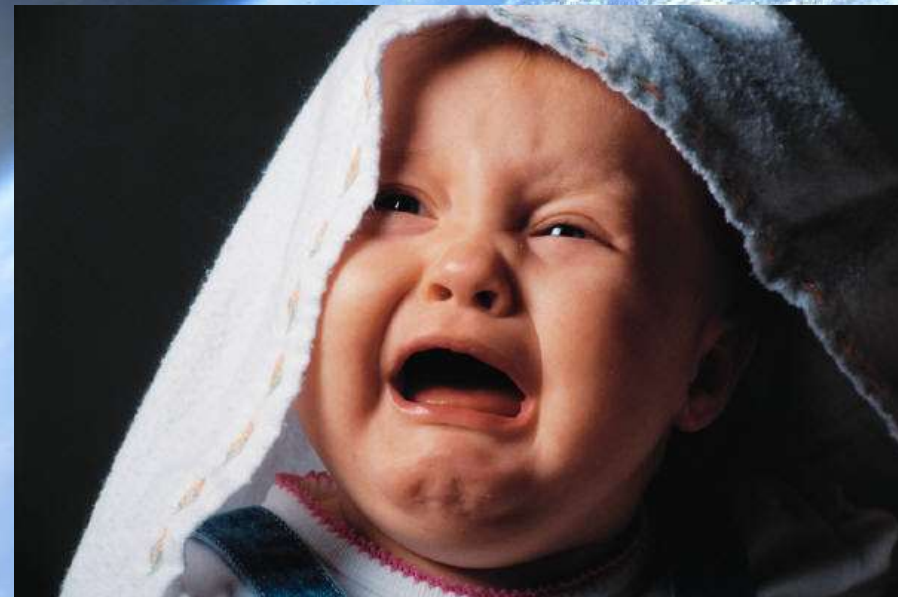
“one planet, one people, one environment”



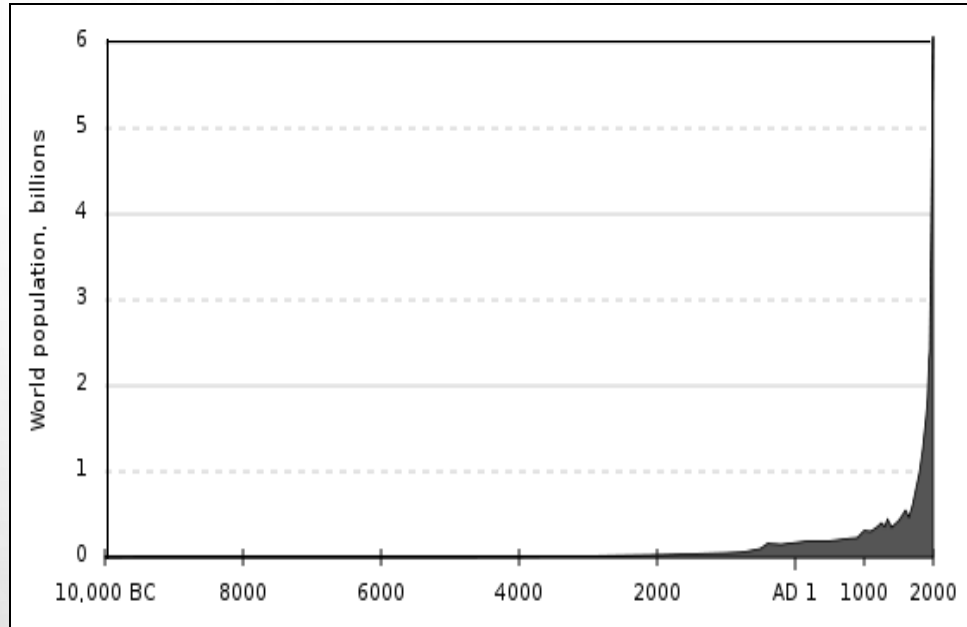


Al Gore :
We do not inherit the earth from our ancestor,
and we do not buy it from our parents . ..

But
we borrow it from our children !!!



WORLD POPULATION GROWTH



More people in the world live in cities today than in rural areas

City with population more than 1 million :

- 1900 : only 1 (one) : London
- 1960 : 100 city
- 2005 : 300 city
- Since 2005 : More people approx 50% live in city than in country area. Become 70% on 2050

World Urban Population

54%
(3.9bn)
2014

+2.5BN

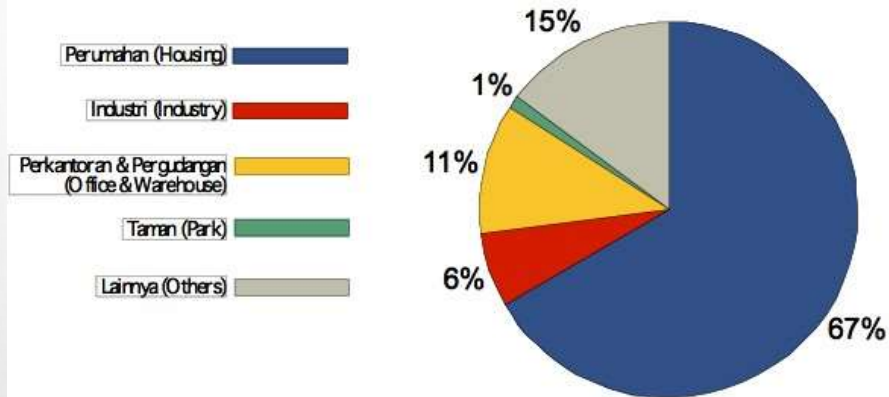
66%
(6.3bn)
2050



**Our cities will get bigger and there will be more of them.
They will have to be smarter and more efficient**

LAND USE

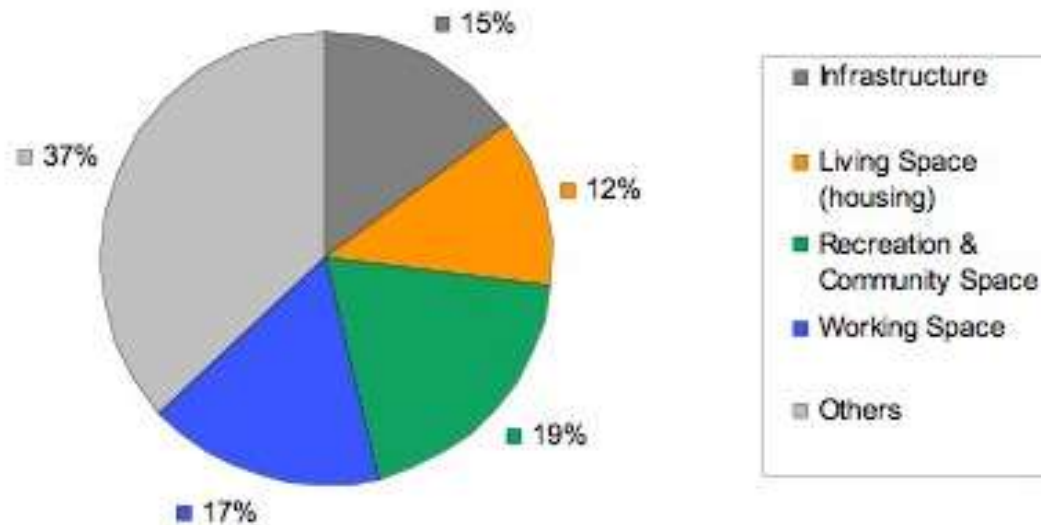
2003



Source: BPS DKI JAKARTA
Modified by Iwan Prijanto

Jakarta

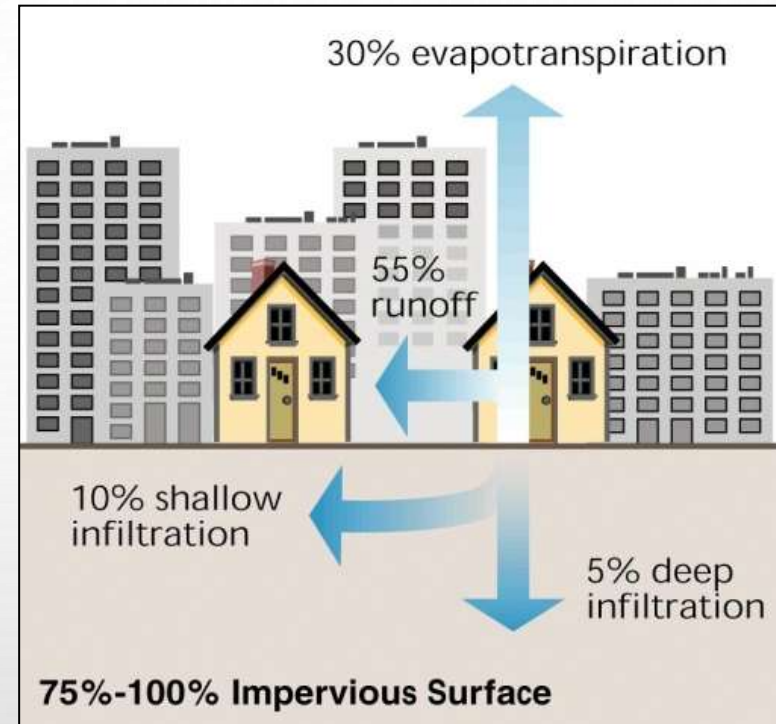
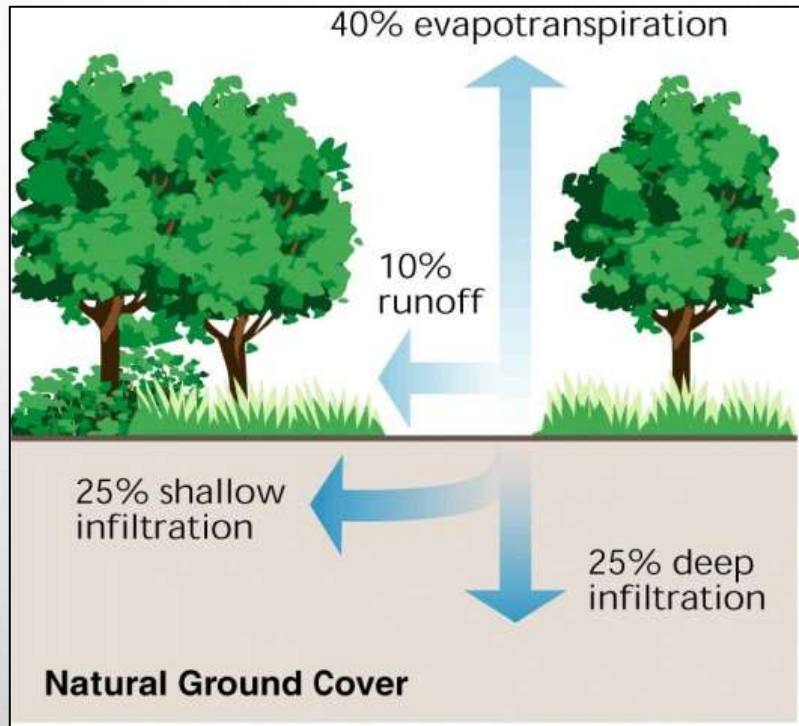
Singapore



Sampah Jakarta – 27.966 m³ / hari



STORM WATER





Condition of our forest in Kalimantan

If we still don't care?

**NO ONE WILL
BLAME YOU FOR
GLOBAL
WARMING
EXCEPT YOUR CHILDREN**

or

Building Sector's Global Impact

Buildings are responsible for

40%

of world's global greenhouse gas emissions.

Buildings are responsible for

40%

of solid waste generation globally.

Buildings utilize

1/3 of

the world's resources.

Buildings use

12%

of the world's water.

Air quality in buildings typically contains up to

5x (and at times greater than 100)

more pollutants than outdoor air.