

# **COUNTRY INITIATIVES INDONESIA**

**By**

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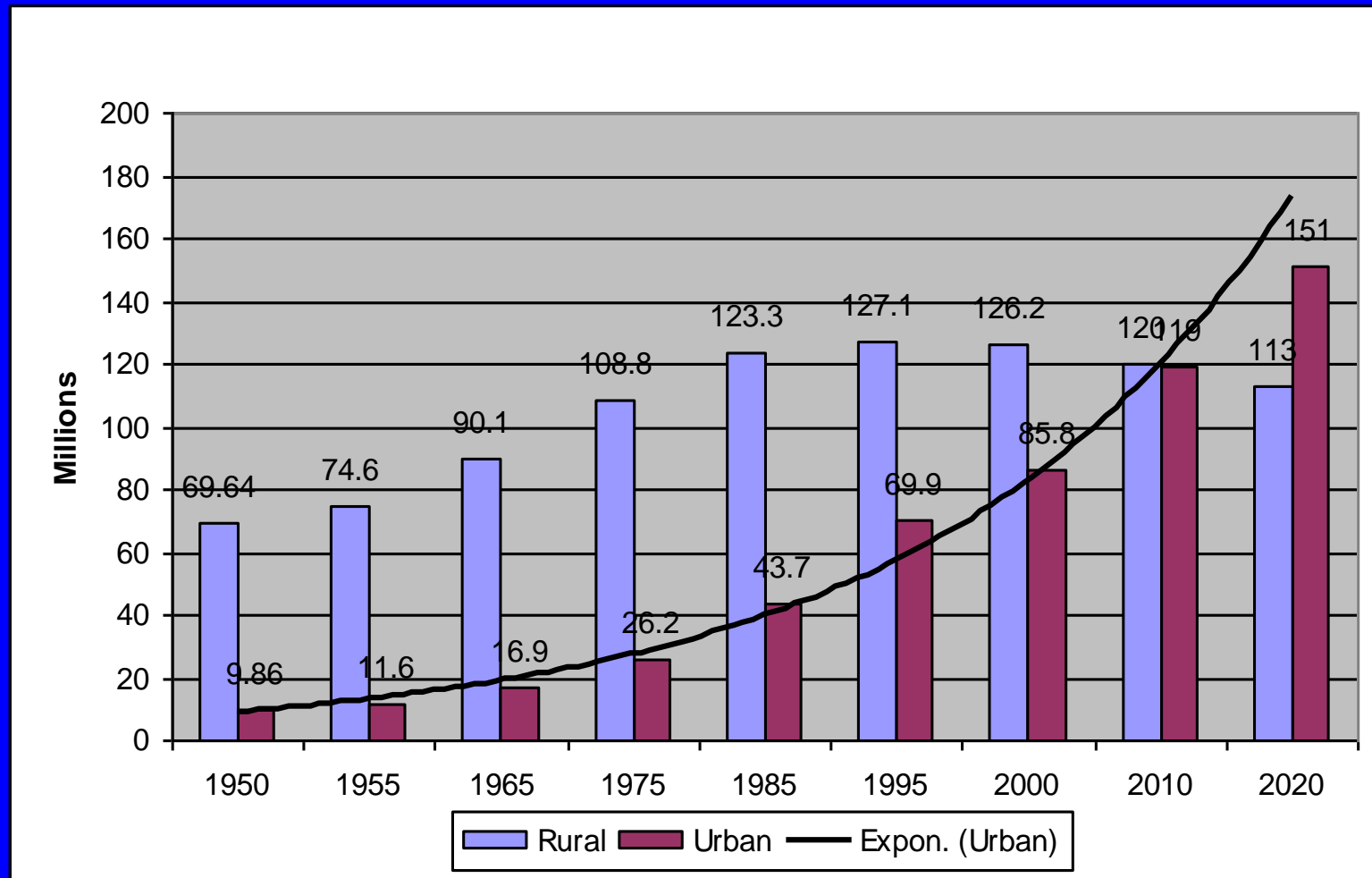


# **CURRENT STATUS OF AIR QUALITY IN URBAN AREAS IN INDONESIA AND CHALLENGES FOR THE FUTURE**

- 1. DETERIORATING URBAN AIR QUALITY IN BIG CITIES IN  
INDONESIA: JAKARTA, BANDUNG, SURABAYA, MEDAN**
- 2. INCREASING FUEL CONSUMPTION ESPECIALLY IN THE  
TRANSPORT SECTOR**
- 3 . IMBALANCE GROWTH OF VEHICLES VS. NEW ROAD  
DEVELOPMENT**
- 4. TRAFFIC CONGESTION BECOMING A COMMON PHENOMENA**



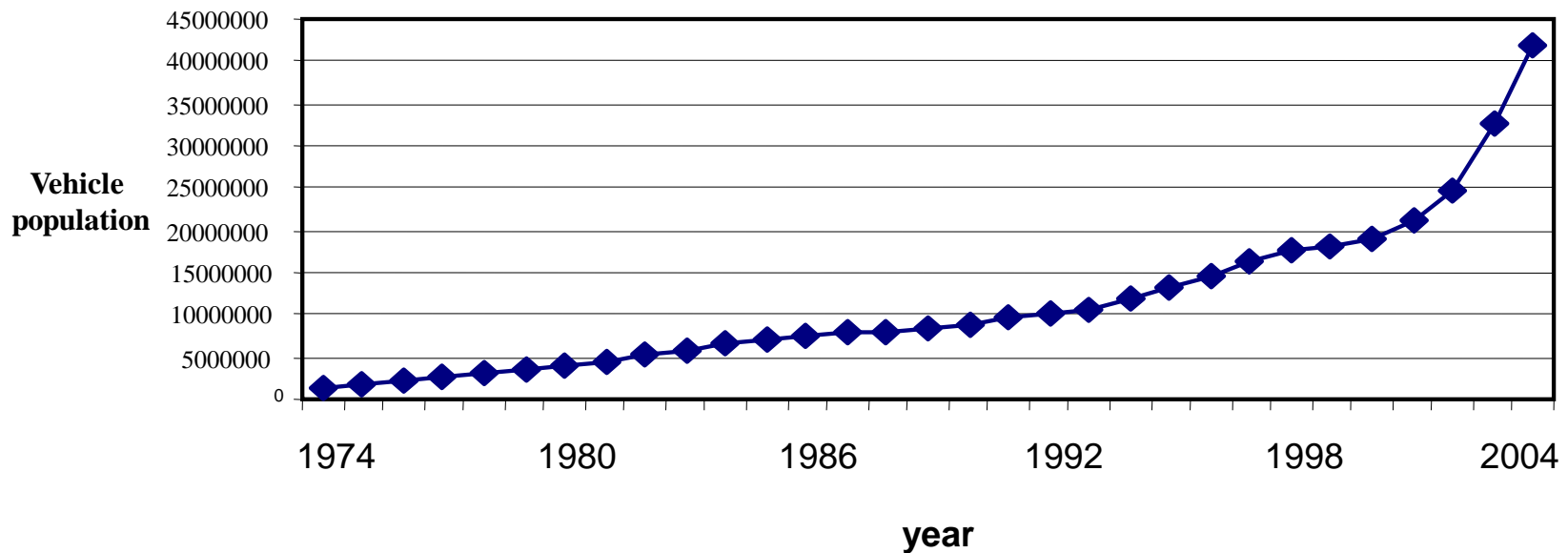
# Urban and Rural Population in Indonesia



Source: Directorate of Land Transportation, Ministry of Communication, 2000

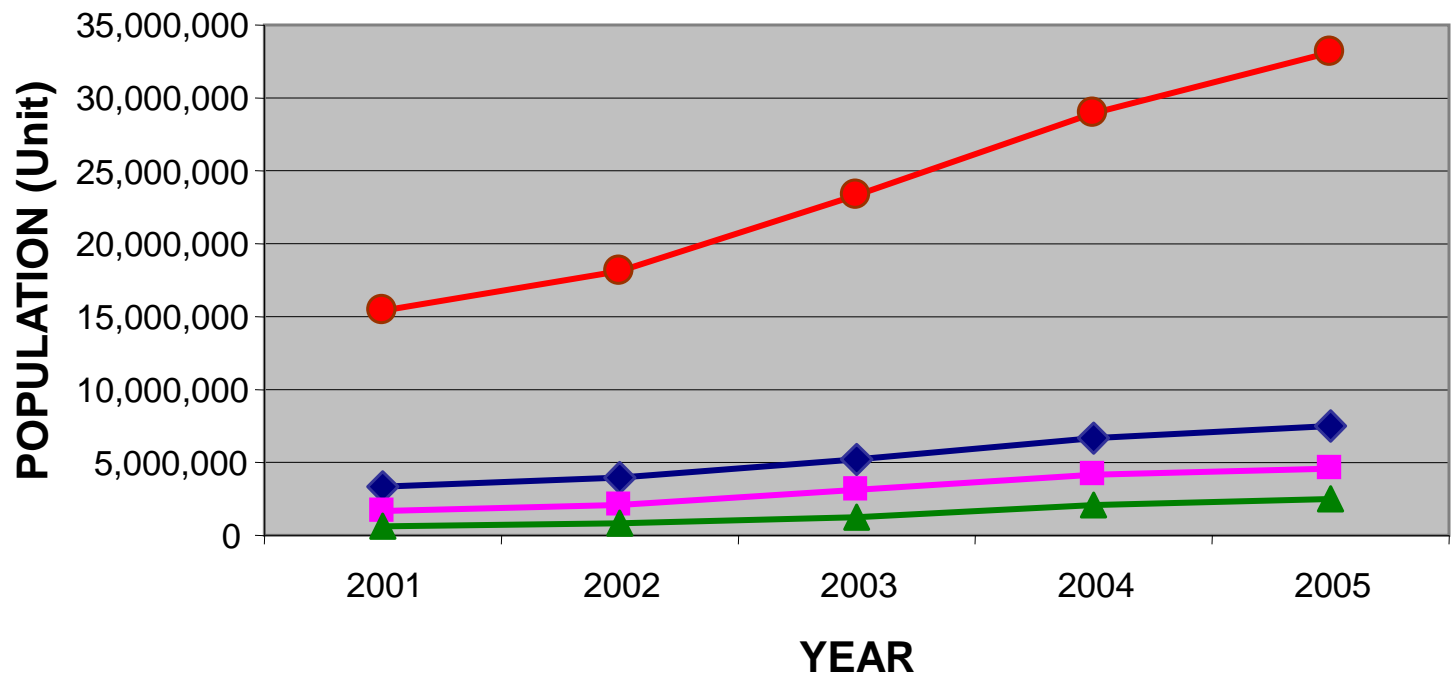
# *Rapid growth of private car and motorcycle*

## *Indonesia Vehicle Growth*



Source: Indonesia Police Institution, 2005

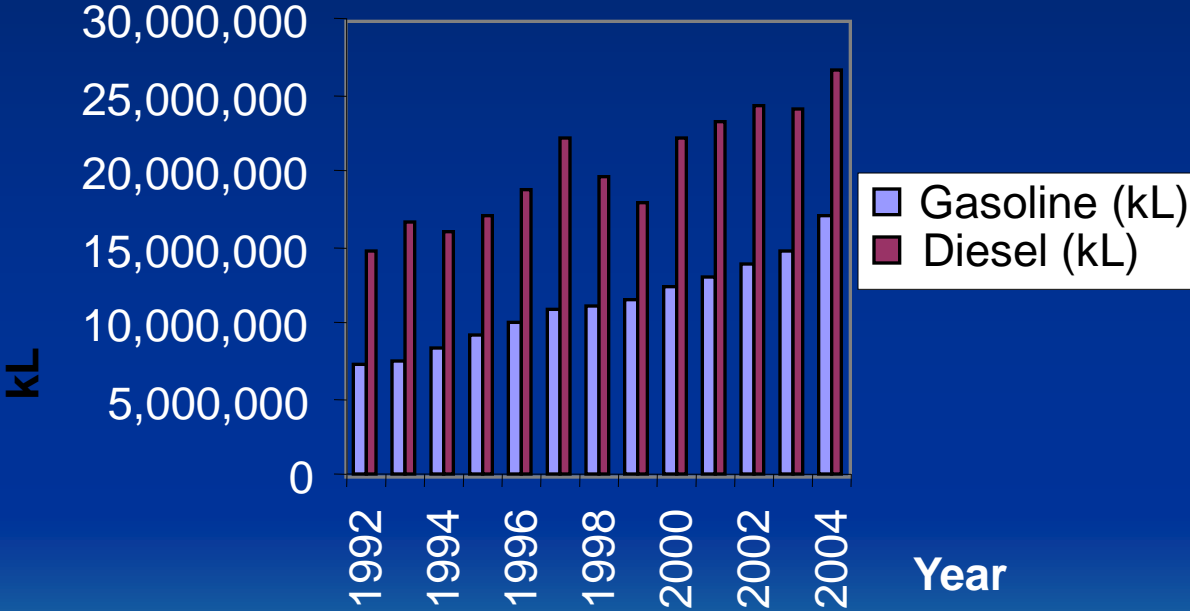
# GROWTH VEHICLE POPULATION BASED ON TYPE



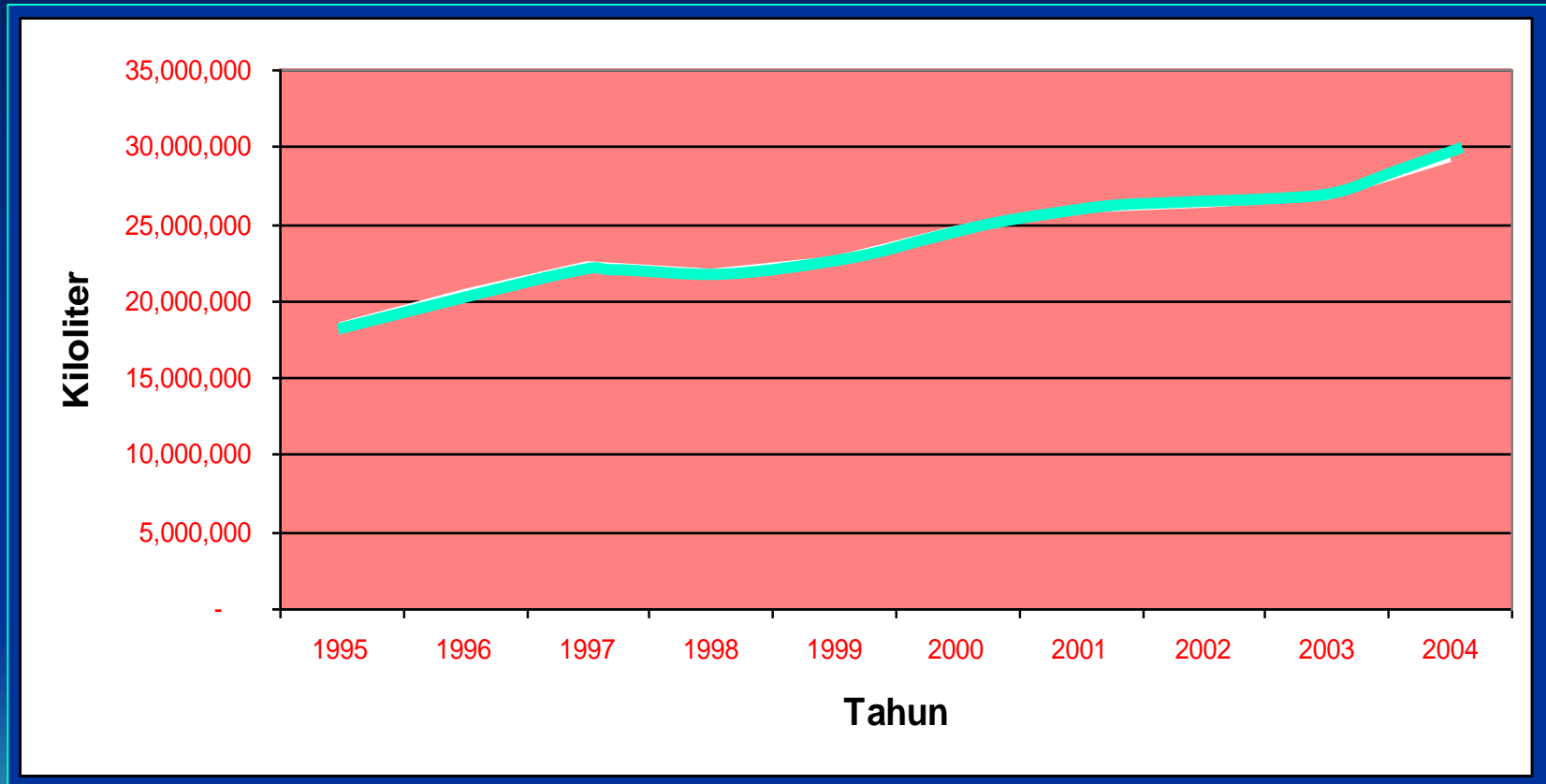
◆ Passenger vehicle    ■ Com vehicle    ▲ Bus    ● Motorcycle



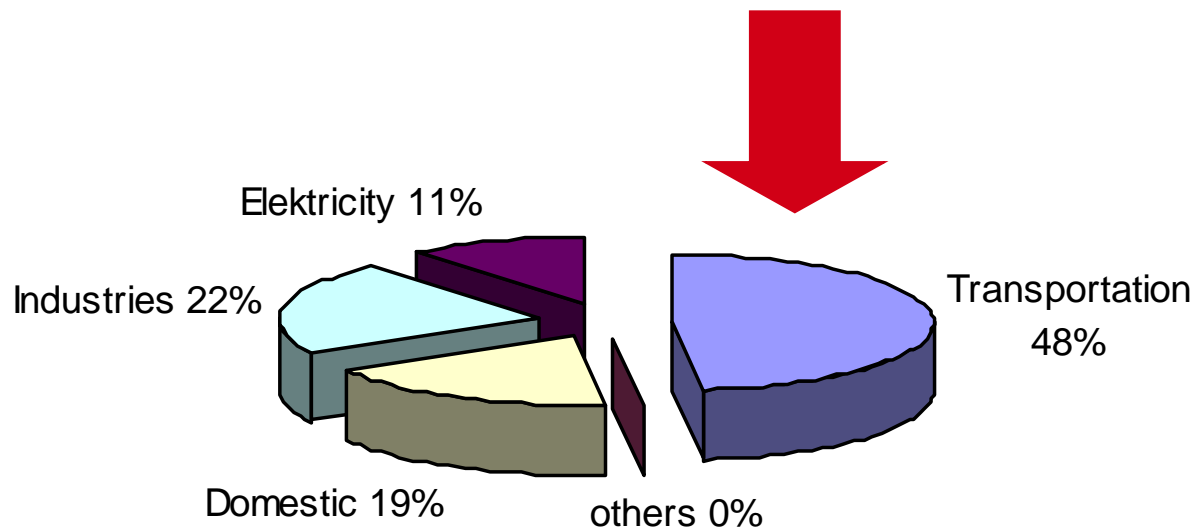
# Gasoline & Diesel Consumption in Indonesia



# Land Transportation oil consumption



# SHARED PROPORTION FUEL CONSUMPTION 2004





# INITIATIVES TAKEN

## 1. POLICY DEVELOPMENT

Formulation of a clean air act

Development of local air pollution regulations

## 2. CLEANER FUEL AND ENERGY DIVERSIFICATION

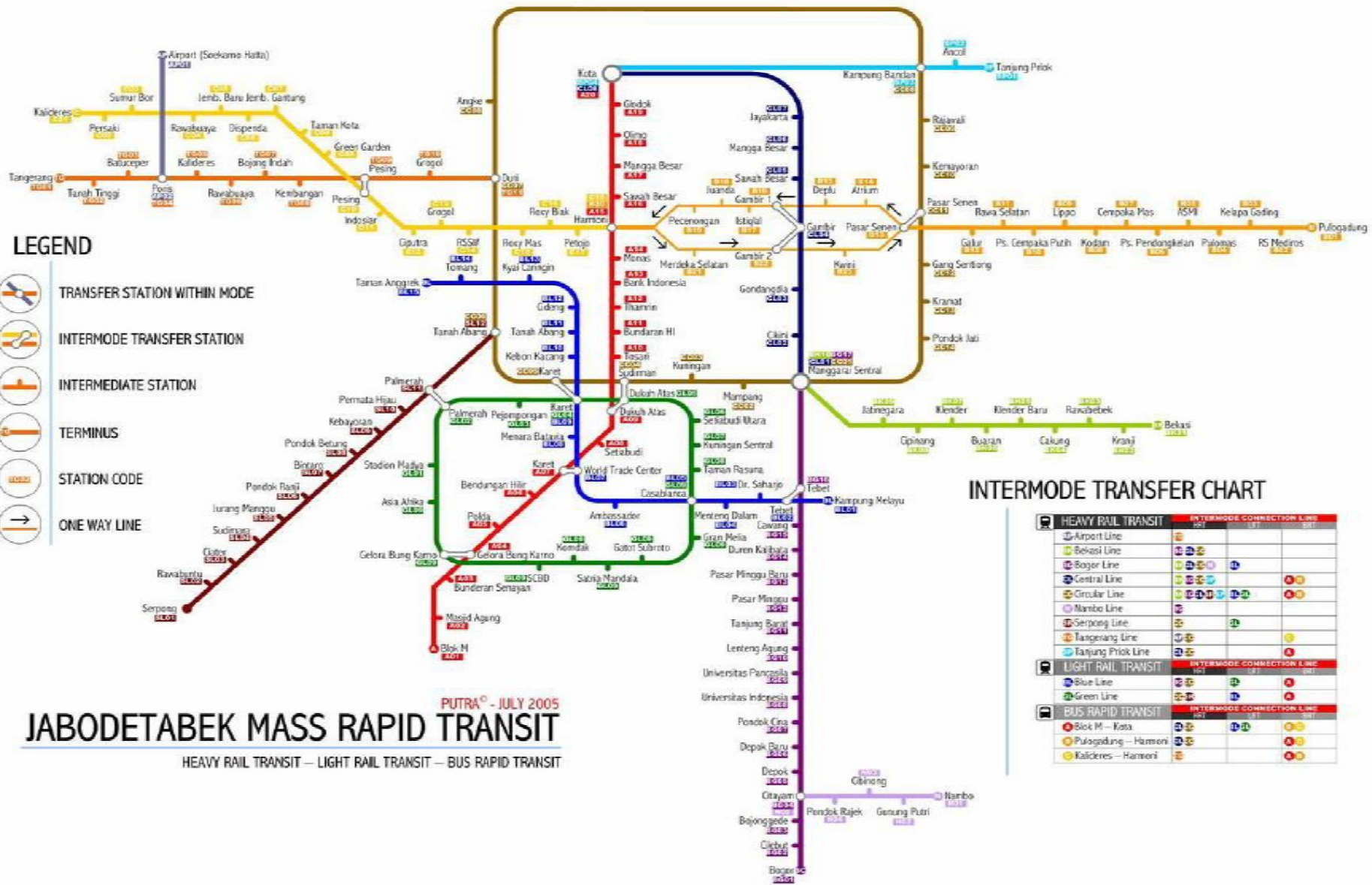
- Low sulfur diesel fuel
- Natural gas for vehicles
- Biofuel

## 3. TRANSPORT MANAGEMENT

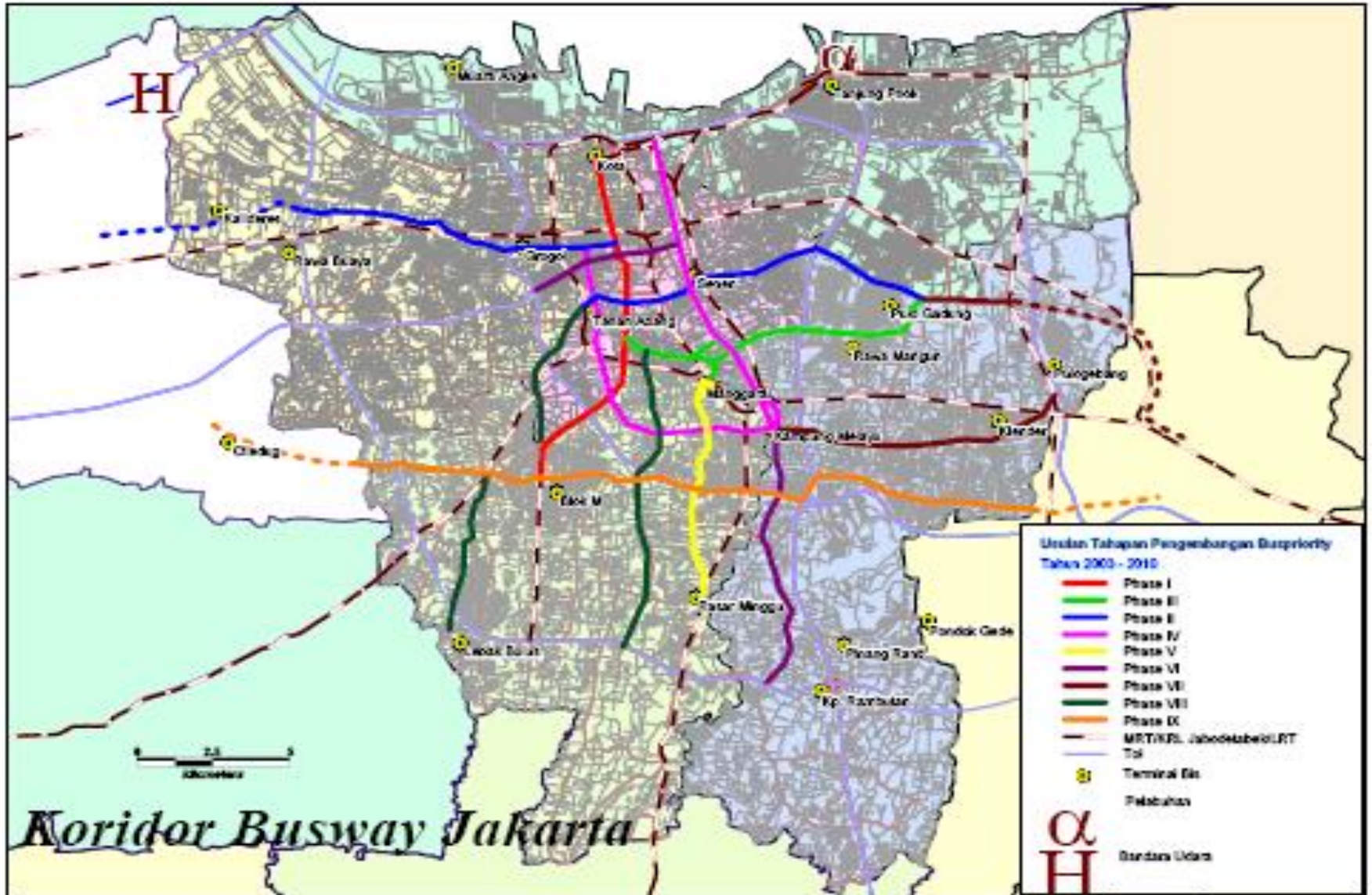
a. Jabodetabek integrated public transport system including: busway system and its feeder systems and MRT system (monorail, subways)

b. private transport restraint including parking policies, congestion pricing, etc.

# MASS RAPID TRANSIT IN JABODETABEK



# JAKARTA BUS WAY PROJECT PLANNING TILL 2010



## **4. AWARENESS RAISING, CAMPAIGN AND EDUCATION**

- **Annual Mandatory Disclosure of Automotive Emissions**
- **Bio Premium Road Show June 2006**
- **Develop a sustainable transport indicator to the clean and green city award (Adipura Award)**
- **Emission competition among local and private agencies**

## **5. ENCOURAGE LOCAL GOVERNMENT TO CONTROL AIR POLLUTION (good governance)**

- **Ban on imported used vehicles**
- **Vehicle lifetime limitations**





**TANK YOU FOR YOUR KIND ATTENTION**

