

# VECC-SEPA

( Vehicle Emission Control Center of  
The State Environmental Protection Administration)

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# Auto industry in China

- Rapid developing

## Production

1991: 700,000

1996: 1,470,000

2001: 2,340,000

2005: 5,700,000

## ■ In-use Auto Population

1991: 6,060,000

1996: 11,000,000

2001: 18,020,000

2005: 31,800,000

85,000,000 MC

11,000,000 LST(low-speed truck)

2020: 130,000,000 or more

# FUELS CONSUMPTION

- Rapid increasing

Year 2005

Gasoline: ~50,000,000 ton/a

Gasohol(E10): ~10,000,000 ton/a

Diesel: ~30,000,000 ton/a

LPG,NG, Methanol.....

# Air Quality

- Very serious urban air pollution problem
  - PM( re-suspended road dust, haze)
  - Road-side CO
  - O3
  - Toxics
- Many cities could not meet the NAAQS
- 400,000,000 people in the unhealthy air (comparing with CLASS II NAAQS)

# ENERGY SECURITY



# Emission Standards

## New car

- Now: EURO II
- 2008: EURO III
- 2011: EURO IV

## In-use

- I/M
- Diesel buses retrofit program
- Fuel quality improvement

# Fuel Economy Standard

- For Light-duty (use EU driving cycle)

# EFV policy

- SEPA will release a new regulation to promote EFV in China this year.

EFV rating system was developed for light-duty vehicle depend on vehicle's emission level and fuel economy level.  
Special labeling for EFV.

- Lack of unified fuels economy test procedure

# Government driving-force

- Decided to build China a RESOURCE SAVING and ENVIRONMENT FRIENDLY Type of society.

- More Efficient Vehicle Components will be very helpful to meet the requirement of Chinese rapid development of vehicle population and fuels consumption.
- VECC-SEPA would like to support the promotion in China.

Thanks!