



7th Global Partnership Meeting, 28 - 29 April 2009,  
Szentendre, Hungary

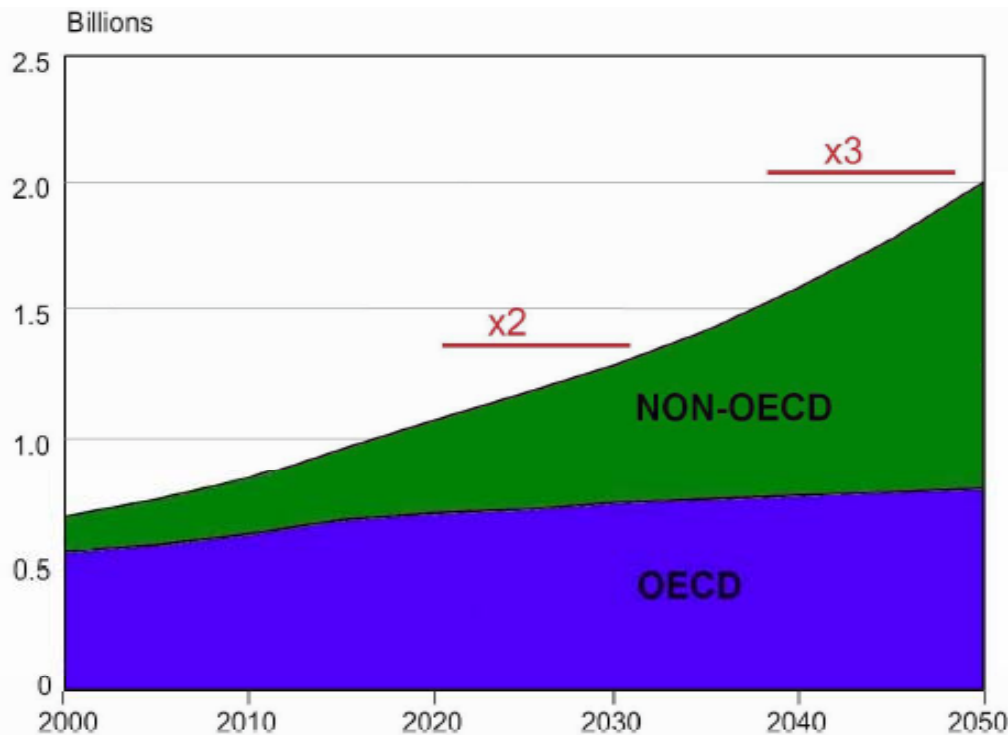
## PCFV Campaign: Cleaner Vehicles

### PCFV Campaign on Cleaner Vehicles

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# World vehicle growth



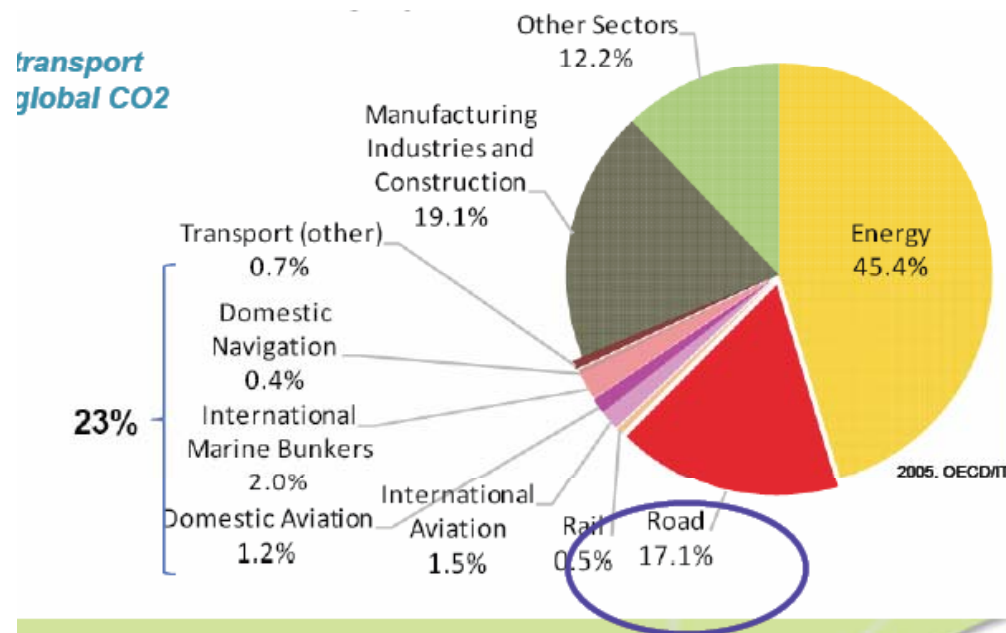
- Light duty vehicle fleet to triple by 2050
- Almost two-thirds of the global vehicle fleet will be found in non-OECD countries.
- Road transport highest growth despite shipping and aviation growth



# Climate Change & Road Transport

- **Climate Change:**
  - Transport 23% of global CO<sub>2</sub> emissions from fossil fuel combustion
  - CO<sub>2</sub> emissions from transport to grow to 33% by 2050
  - Road transport 74% of this (17% of total global GHG emissions)

## CO<sub>2</sub> emissions worldwide per sector



# Urban air pollution

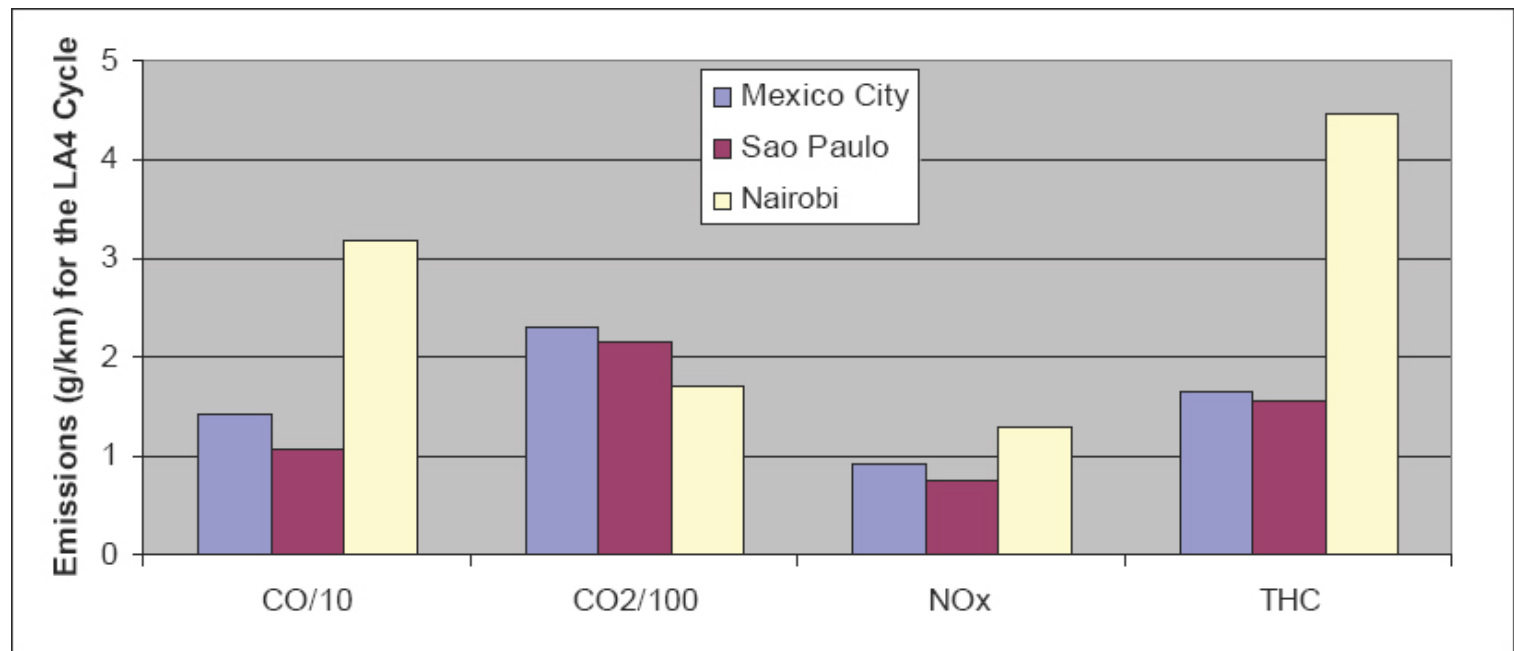
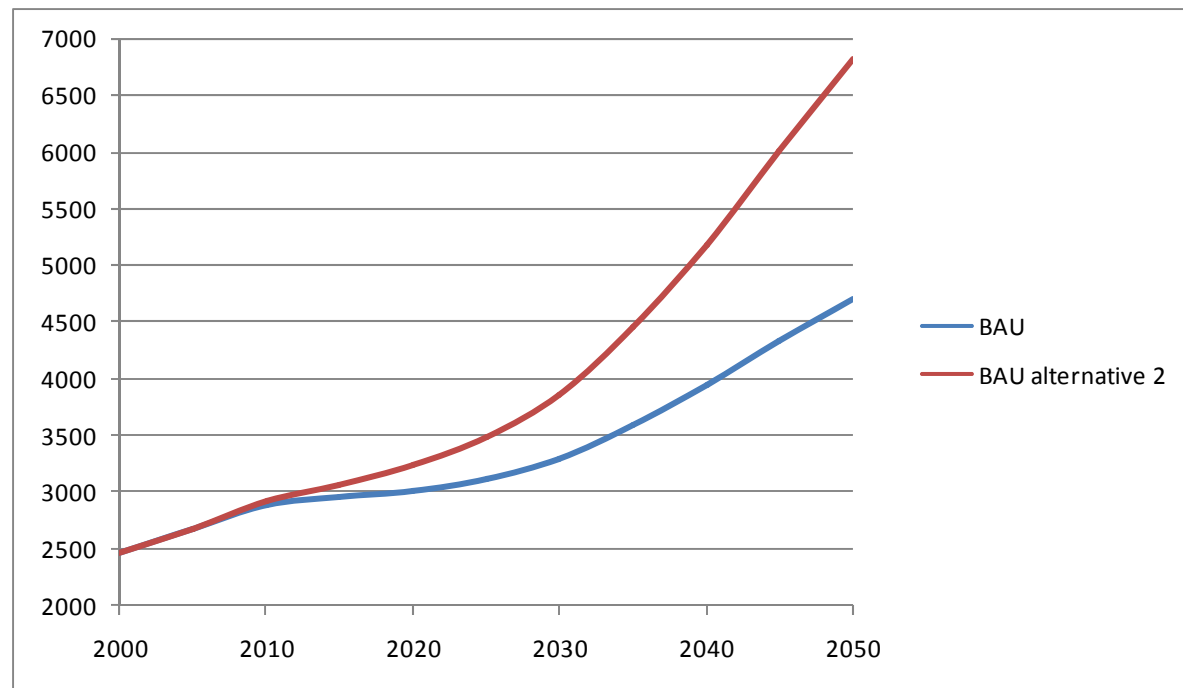


Figure VI-1 Fleet Average Emissions for the LA4 Cycle in Three Cities



# CO2 emissions cars

World Co2 Emissions from Cars (MoMo Model – IEA 2008)





# Considerations for developing countries

Questions:

1. Where will the 1 billion+ vehicles come from in developing & transition countries?
2. How will we ensure these will meet global pollution and efficiency targets?
  - Second hand imports?
  - New cars produced for developed country markets?
  - New cars produced for developing country markets?
3. How will we ensure lessons learned (mainly in OECD countries) will be disseminated?





# PCFV Activities 08/09

## Asia Pacific

- November 11, 2008: Toolkit launch in Asia at BAQ-Asia 2008
- February 19, 2009: Toolkit training in Manila, Philippines
- February 25-27, 2009: Indonesia mission - GFEI
- March 3, 2009: Toolkit training in Manila, Philippines

## Central and Eastern Europe

- Sept 18-19, 2008: CEE Toolkit training, Szentendre, Hungary

## West Asia, Middle East, North Africa

- Sept 8-9, 2008: WFP/IFRC Tool-kit training in the Dubai, UAE

## Sub-Saharan Africa

- March 27, 2009: Sub-regional vehicle training, Nairobi, Kenya
- April 15 2009: Cleaner public transport launch in Tanzania
- April 27-28 2009: National workshop in Lesotho

## Global

- February 25, 2009: Toolkit training in Geneva, Switzerland

## Others

Vehicles issues discussed in 20 PCFV workshops



# Planned/On-going Activities

## Ongoing

- Poland - Clean fleet management training for local fleets
- Slovenia - Clean fleet management training for local fleets
- Kenya - National activities on vehicle emission reduction
- Tanzania – National sensitization on clean public transport
- Global fuel economy initiative (GFEI)  
Indonesia, Ethiopia, Chile and one other

## Planned

- Bahrain regional workshop on vehicles in October 2009
- Clean fleet national implementation in Thailand
- Burundi – Capacity building on vehicle emission reduction
- Egypt – National support for cleaner vehicles
- Morocco – Sub-regional workshop on clean fuels and vehicles
- Tunisia – North Africa sub-regional workshop on Better Air Quality in Cities in September/October 2009

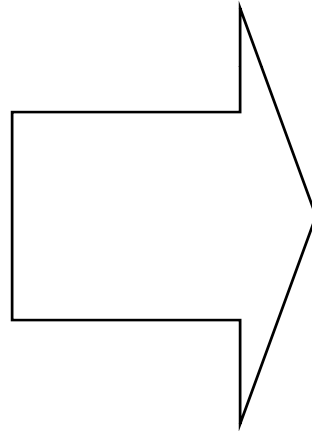


# PCFV Vehicles Strategy

## PRESENT

MANY PCFV VEHICLES  
ACTIVITIES - NO  
COMPREHENSIVE  
APPROACH

- Catalytic converters
- Fleet management
- Second hand import
- Vehicle inspection training
- Retrofitting
- 2&3 wheelers



## COMPREHENSIVE APPROACH

- Support non-OECD countries in developing clean vehicles strategies/policies
- Tailor made – local actions and timeframes etc
- Demand driven
- PCFV Approach:
  - build on PCFV approach, successes, network, etc
  - regional – national approach
  - strategy tailor made for countries
  - with local targets and timeframes
  - systems approach (will always include fuels component)
  - co-benefits



UNEP



Partnership for  
Clean Fuels and Vehicles

# GFEI

- Transport is at present missing in global climate programs & initiatives (Kyoto/ CDM/ GEF)
- Can not be ignored for new climate change agreement/ regime
- GFEI - UNEP/ IEA/ FIA/ ITF
- Public-private initiative
- Agreement on global fuel efficiency targets (50:50 overall/ 30% new cars 2020/ 20% all fleet 2020)
- To be detailed in regional approaches with actions and time frames
- Focus on OECD and non-OECD countries



# GFEI

## GFEI

- Data & Modelling
- Harmonization
- Awareness Campaigns

## PCFV

- Clean Vehicles Policies (non - OECD countries)
- Lead
- Sulphur
- Fleet Management

# GFEI Target

World CO2 emissions, GFEI interventions using existing technologies (IEA MoMoModel 2008)

