Pathways to Low Carbon Transport in the EU

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Transport CO$_2$ projections for 2050

Source: Skinner et al, EU Transport GHG: Routes to 2050? European Commission and AEA Technology
Passenger transport 1970 - 2009

Source: Task Force Report
Freight transport 1970 - 2009

Source: Task Force Report
Air pollution from transport

Source: Eurostat, European Environment Agency
Subsequent tightened Euro standards for cars
CEPS Task Force Report on Transport and Climate Change

Participants from car, logistics, rail and oil industries, business associations, national and international agencies and officials, NGOs and academic experts

- Evidence based
- Four meetings with discussion
Pathways for achieving the required CO$_2$ reduction from transport

Source: CEPS Task Force Report
Low Carbon Technology

Policy is the key and key policy instruments are already in use:

- Standards
- Fiscal and financial incentives
- Labels
- Fuel taxes
- Research, development en early deployment
Low Carbon Technology

Incentives need to be:

• Technology neutral

• Well-to-wheel

• Progressive

• Predictable

• Harmonized
Better transport system

- Urbanization: density and mass
- Eco driving
- Co-modality
- Green logistics
- Economic prices
- Supporting infrastructure policy
60% reduction transport CO2
Action now!

• Credibility: targets and measures

• Required transition period

• Early GHG reductions have most impact

• Tighten knobs of existing policy instruments

• 15 measures to be immediately taken