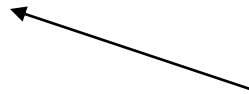




Ministerie van Verkeer en Waterstaat

# Team Sustainable Transport

Air



Noise



Climate and Energy



Nature





## **Team Sustainable Transport**

### **Directorate General for Mobility**

#### Challenge:

- 8 million cars in the Netherlands on a population of 15 million people
- Use public transport (rail/tram/bus) stable; car transport increase since 1985
- More stringent environmental legislation (a.o. EC nature/air/noise/climate)
- Existing energy reserves under pressure
- Transport demands (person/goods) show growth scenarios for 2050

#### Mission:

- Development of innovative policies and measures in cooperation with partners in order to achieve a sustainable transportsystem that will meet the challenge

#### Partner network:

- Ministries of VROM, EZ, LNV, VWS, Fin/ Agencies RWS and ProRail
- Provincial and local authorities
- Private sector



## **Four focus areas Team Sustainable transport**

### **Nature (EC/Birds & Habitats Directive/NATURA 2000)**

#### Target:

- Maintain 'development space' for infra structure projects within the limits of EC regulation for nature (allocate and compensate)

### **Air quality (EC/Directive on air quality)**

#### Target:

- Meet requirements of Euronorms (V and VI), particulate matter (PM10) and nitrogen (NO2)

### **Noise (National legislation/ 'Schwung' law)**

#### Target:

- Control → noise level on major Dutch roads and rail, new law in 2011



# Climate and Energy

## Challenges

- More transport, more emissions of green house gasses for most modes of transport (road/air/sea)
- Existing energy reserves are going down
- International legislation for green house gasses dates from 1990 (Kyoto Protocol) needs to be 'updated' with the political deal from Copenhagen (2 degree target: 80 – 95% emission reduction GHG in 2050)
- Transport sector under pressure due to financial crisis



## Climate and Energy

### Targets:

- **EU Climate and energy package for 2020**
  - 20% reduction green house gasses (ref 1990)
  - 20% renewable energy in final energy 'consumption'
- **National *Clean and Efficient* Cabinet policy 2007 – 2010**
  - CO<sup>2</sup>: -30% reduction(2020 t.o.v. 1990)
  - Energy efficiency from 1% to 2% p/y
  - Increase percentage sustainable energy from 2% to 20% in 2020
- **Within MoT Sustainable infrastructure**
  - Explore ways of making infrastucture more sustainable (RWS '*Energetic roads*')
  - Dossier How can public sector 'buy in' more sustainable with regrad to transport?



## **Focus Vehicle Infrastructure and Behaviour ("VIB"):**

- Invest in co-operation public sector, local authorities, private sector/companies
- Development ***Pilot projects sustainable mobility*** "Proeftuinen" (o.a. electric mobility (formula team, biofuels, truck of the future, innovative public transport busses)
- Behaviour (*The New Driving* scheme, road pricing, fiscal/tax measures)
- Making transport of goods more sustainable (green logistics; Lean and Green campaign)
- Progressive EU policies a.o. CO2 norms car, white paper sustainable transport, directives renewable energy/energy taxes etc)
- Explore new ways of making infrastructure more sustainable
- Long term strategy for sustainable (road)mobility (2050)