



- **Environmental noise**

*[europa.eu.int/comm/environment/noise](http://europa.eu.int/comm/environment/noise)*

- **Air quality**

*[europa.eu.int/comm/environment/air/ambient.htm](http://europa.eu.int/comm/environment/air/ambient.htm)*

*[europa.eu.int/comm/environment/air/cafe](http://europa.eu.int/comm/environment/air/cafe)*

- **Urban environment**

*[europa.eu.int/comm/environment/urban/thematic\\_strategy.htm](http://europa.eu.int/comm/environment/urban/thematic_strategy.htm)*

- **CO2 emissions**

*[europa.eu.int/comm/environment/co2/co2\\_home.htm](http://europa.eu.int/comm/environment/co2/co2_home.htm)*



# ***EU legislation - Noise***

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- **Directive 2002/49**
  - *Noise in the environment*
  - *Roads, railways, airports, industries*
  - *Harmonized noise mapping*
  - *Noise action plans at the appropriate level*
    - Avoid, prevent and reduce where necessary
    - Protect where quality is good
    - No EU limit values for enforcement
  - *Information, consultation, participation of the public*



# EU legislation - Noise

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- **Directive 2002/49**
  - **Agglomerations**
    - step1  $\geq$  250 000 inhab
    - step2  $\geq$  100 000 inhab
  - **Major roads**
    - Step1  $\geq$  6 millions veh/year
    - Step2  $\geq$  3 millions veh/year
  - **Major railways**
    - Step1  $\geq$  60,000 trains/year
    - Step2  $\geq$  30,000 trains/year
  - **Major airports  $\geq$  50,000 movts/year**



# *EU legislation - Noise*

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- **Directive 2002/49**
  - *Data reporting MS to EC (2005 and beyond)*
    - Exposure to noise
    - Summaries of action plans
    - EEA electronic reporting mechanism
  - *Report of EC to EP and Council (2009)*
    - Implementation
    - proposals



# *EU legislation – Air Quality*

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- **Directive 96/62**

- *Avoid/prevent/reduce AQ*
- *Maintain AQ where it is good*
- *Improve it elsewhere*
- *Harmonised AQ assessment + monitoring*
- *Information of the public*
  
- *Limit values D. 1999/30:*
  - PM10 (2000-2005), NO<sub>x</sub>/NO<sub>2</sub> (2000-2010)!!
  - Being exceeded
  - action plans required, involving transport



# EU legislation – Air Quality

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- **Next Strategy**
  - *To be soon adopted by the College*
  - *EURO5, 6 (\*)*
  - *Attainment deadlines (\*)*
  - *PM2.5 (\*)*
  - *Promote sustainable urban transport plans*
  - *Public procurement for vehicles (\*)*
  - *Vehicles retrofitting*
  - *Low emission zones (\*)*
  - *Charging*



# ***EU legislation – Urban Environment***

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- ***Towards Thematic Strategy***
  - ***COM(2004)60***
    - Improve environmental performance and quality
    - Secure healthy living environment
    - Strategy expected end 2005
  - ***4 AXES***
    - Management plans and systems
    - Sustainable Urban Transport Plans
    - Sustainable construction
    - Urban design
  - ***Agglomerations  $\geq 100,000$  targeted***



# EU legislation – Urban Environment

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- **Sustainable urban transport plans**
  - *Working Group report available*
    - Planning
    - Plan
  - *Integrated approach*
    - Air quality/noise/CO<sub>2</sub>
    - Vision/objectives/targets
    - Passenger/freight
    - Reducing need for transport
    - Transport management
    - Developing clean and fair transport systems





# EU legislation – CO<sub>2</sub>

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- **Transport: additional efforts necessary**

- Passenger cars

- ◆ Voluntary agreement going on:

- *140g/km committed 2008/9*

- *120g/km expected by EP/C/COM 2010*

- ◆ Information enforced

- ◆ Taxation to be adopted

- Light duty vehicles

- ◆ Being considered

- Urban transport : 40% of transport related emissions ...