



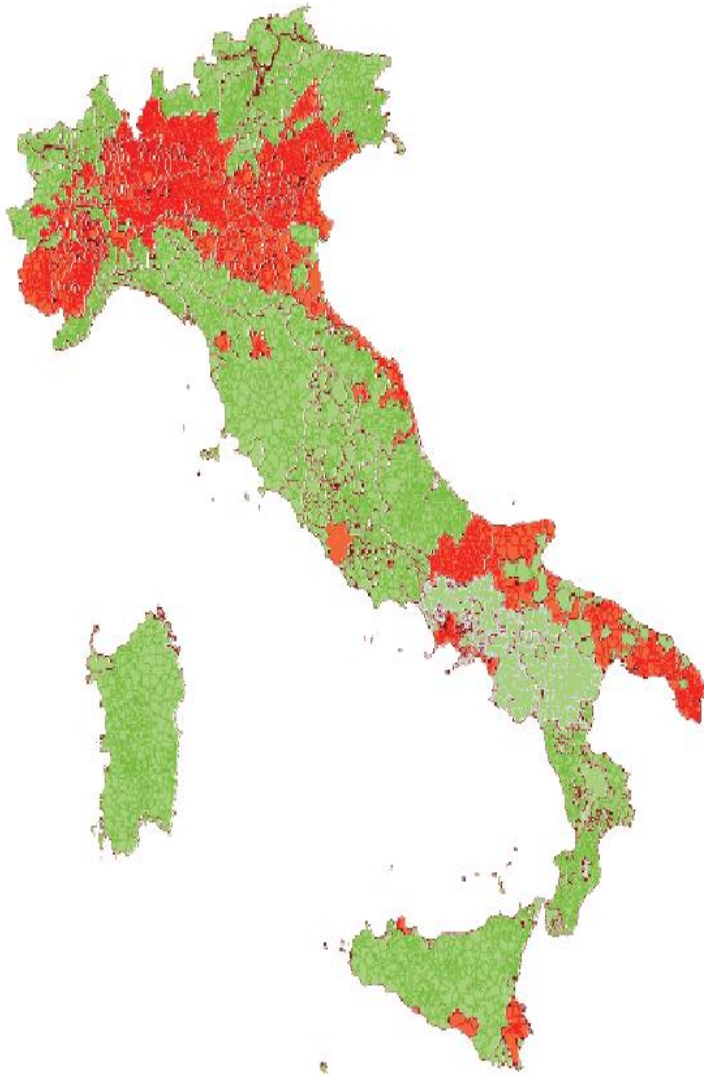
# Migliorare la qualità dell' aria in Italia

Fabio Romeo – Ministero dell' ambiente e della tutela del  
territorio e del mare - ISPRA

# THE NEW LEGISLATION

Directive 2008/50/EC and Directive 2004/107/EC transposed by legislative decree 13 August 2010, n. 155

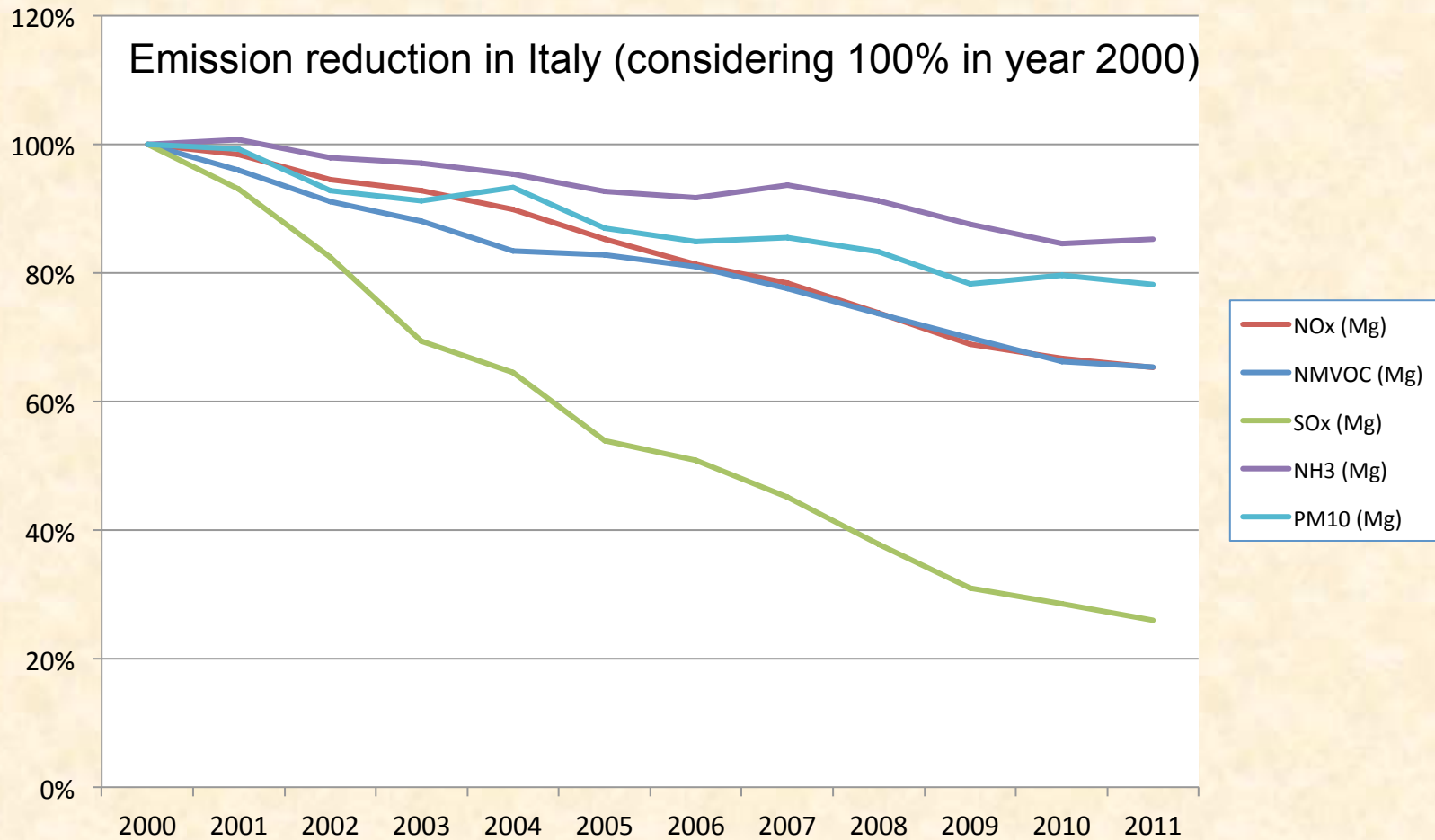
# AIR QUALITY IN ITALY



PM10 d.v. exceedances  
Year 2010

Source: questionnaire decision  
2004/461/CE

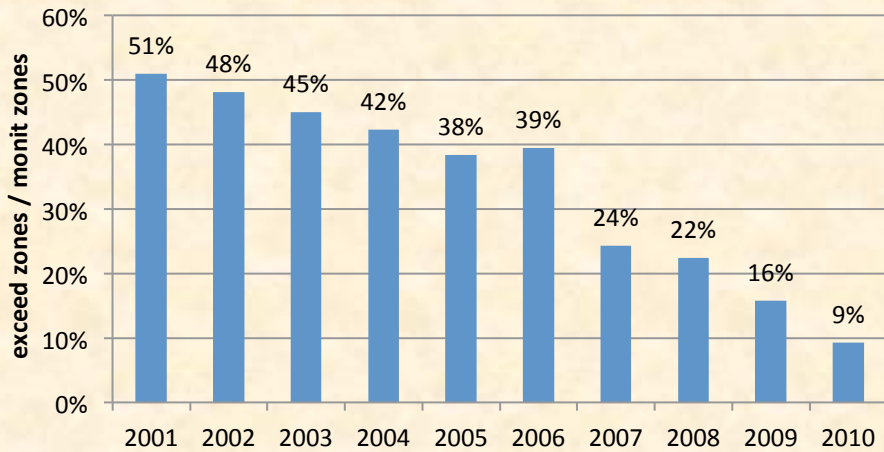
# AIR QUALITY IN ITALY



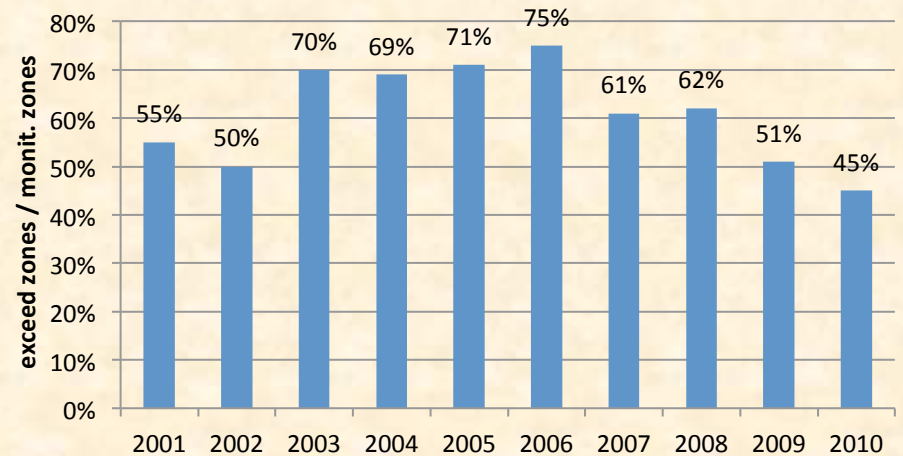
Source : ISPRA Emission Inventory

# AIR QUALITY IN ITALY

## PM10 y.a.



## PM10 d.a.



# AIR QUALITY IN ITALY

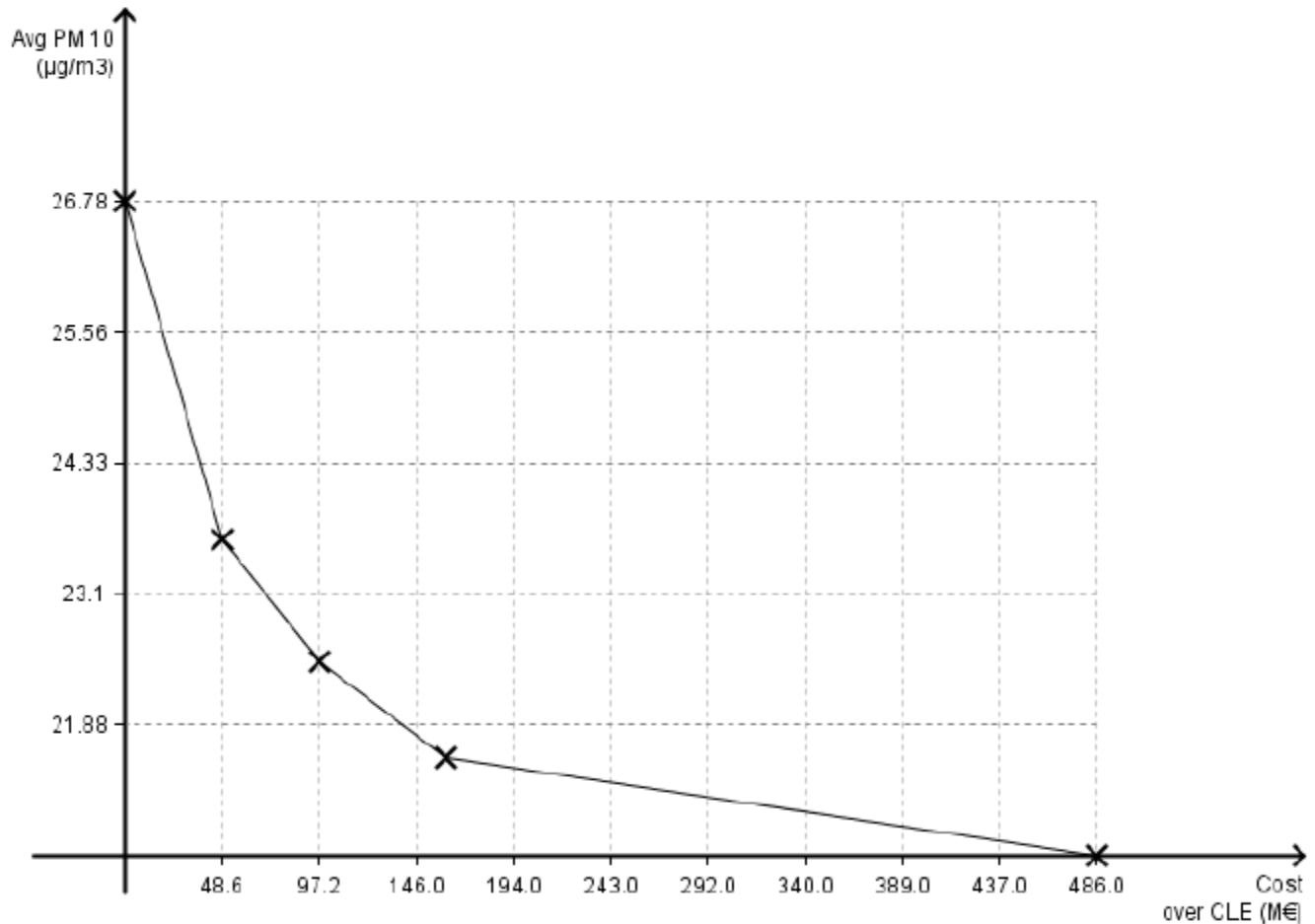


Figura 6- RIAT- Curva di Pareto - PM10 media annua (tutto il territorio regionale)

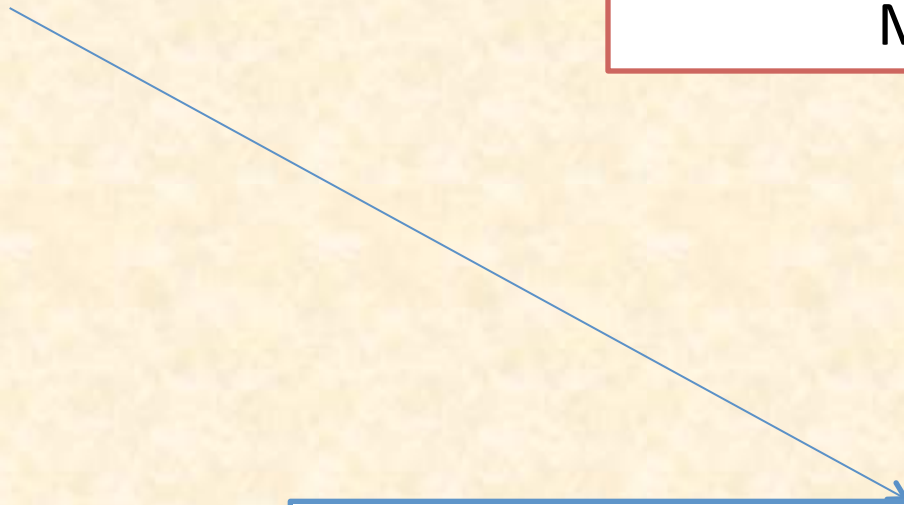
Source: Lombardia Region

# AIR QUALITY RESPONSABILITIES

REGIONS



COMPETENT AUTHORITIES FOR  
AIR QUALITY ASSESSEMENT AND  
MANAGEMENT



STATE



TAVOLO DI COORDINAMENTO

The State don't have specific tasks on air quality assessment and management but in past years produced many efforts to help Regions in their activities (instruments, incentives, legislative measures)



# COORDINAMENTO art. 20 d.lgs 155/10

Attended by representatives of the Ministry of Environment, the Ministry of Health, of each regions, of the Union of Italian Provinces (UPI) and the National Association of Italian Municipalities (ANCI), as well as representatives of ISPRA, ENEA, the National Research Council (CNR) and National Institute of Health.

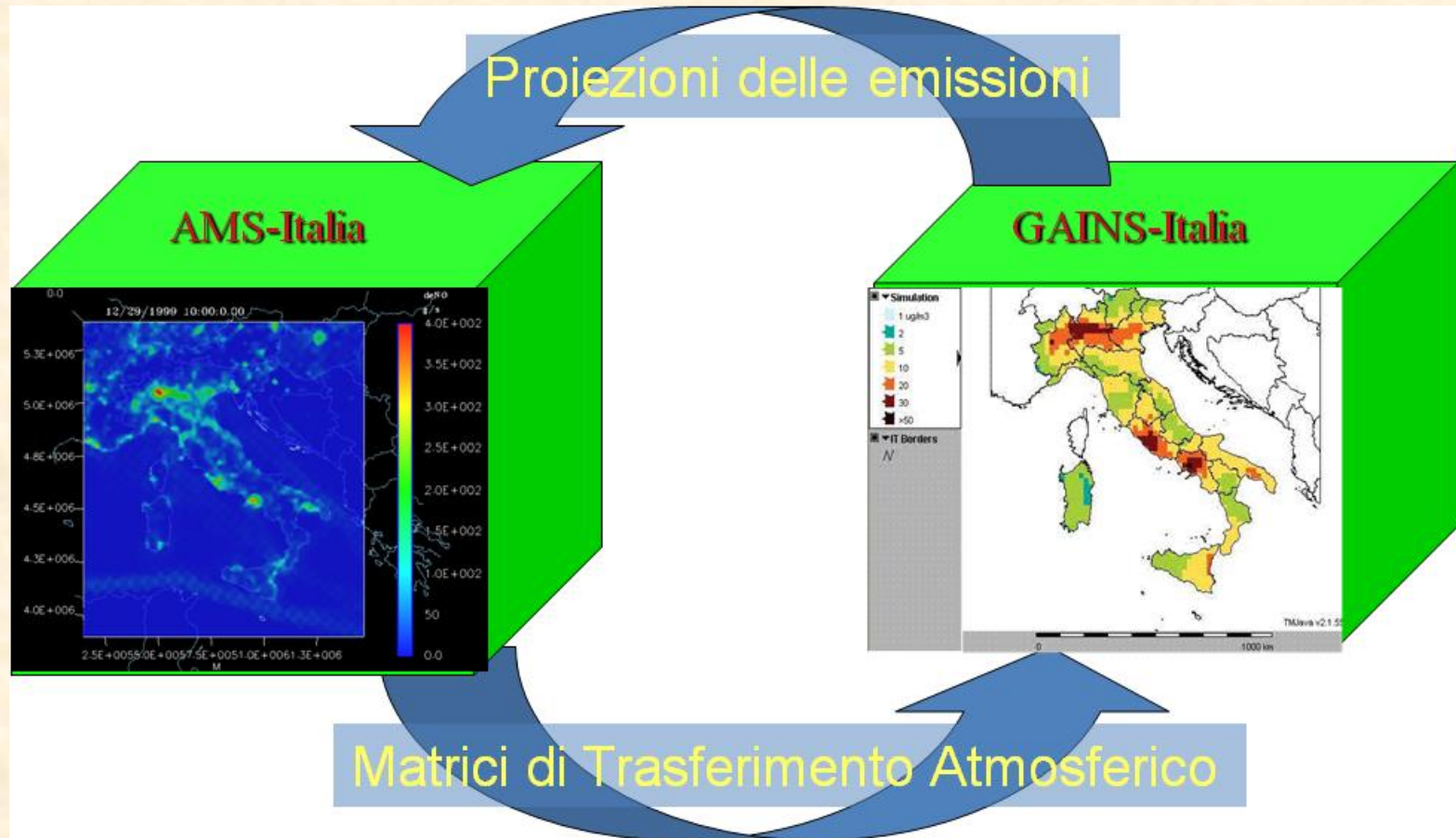
The “Coordinamento” has the task of ensuring, through working groups, the development of guidelines in relation to issues of common interest and a joint examination of the critical issues.



# NATIONAL MODEL

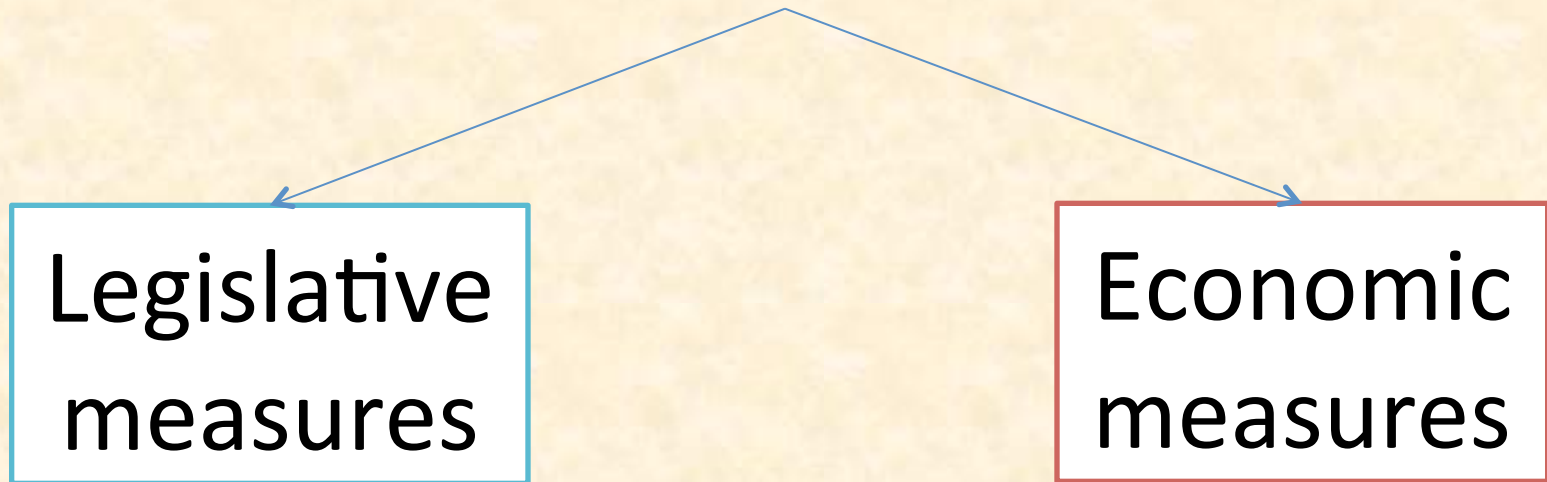
Since 2002, great importance has been given by the Ministry to the development of assessment tools such as inventories, air quality models and scenarios, and in particular the development of the modeling system MINNI (National Integrated Model to support the International Negotiation on the themes of air pollution)

# NATIONAL MODEL

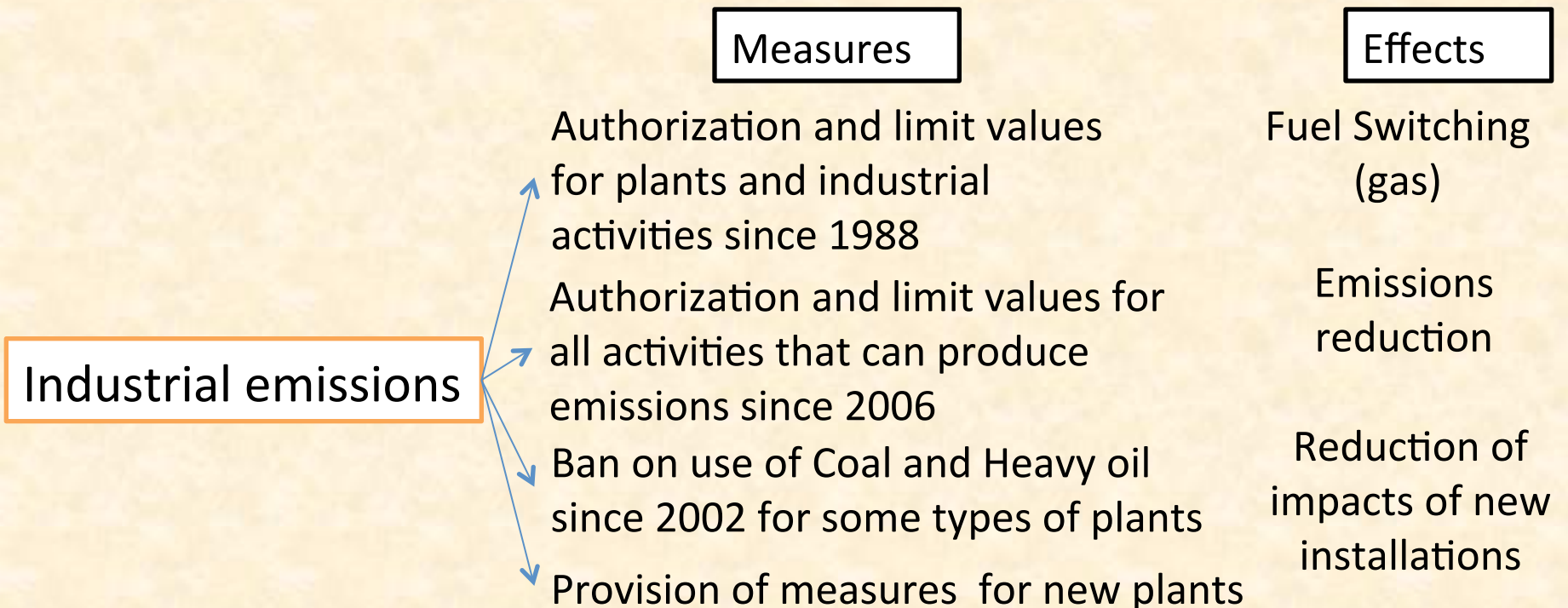
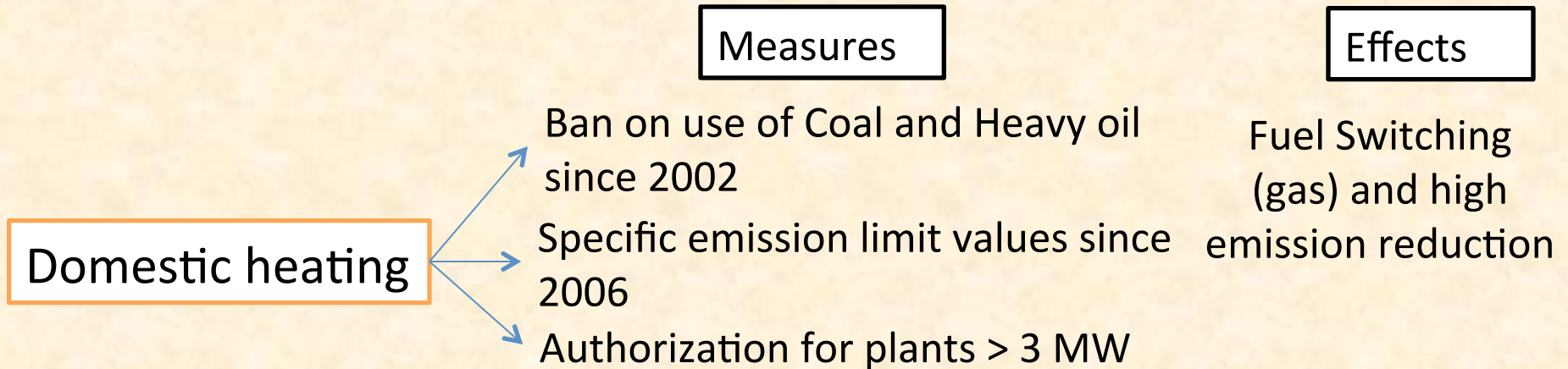


# NATIONAL MEASURES

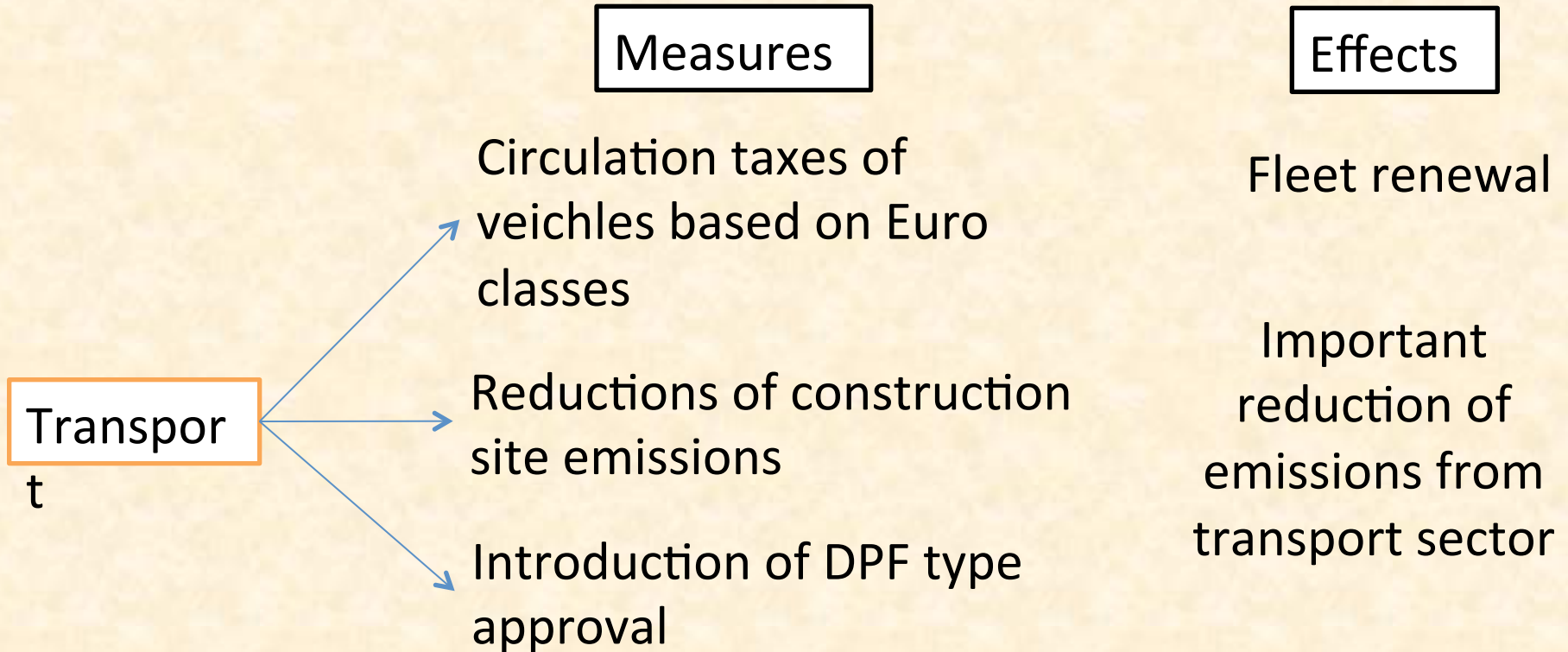
For years, the State promotes economic and legislative actions aimed at reducing atmospheric emissions of pollutants and improve the air quality:



# LEGISLATIVE MEASURES

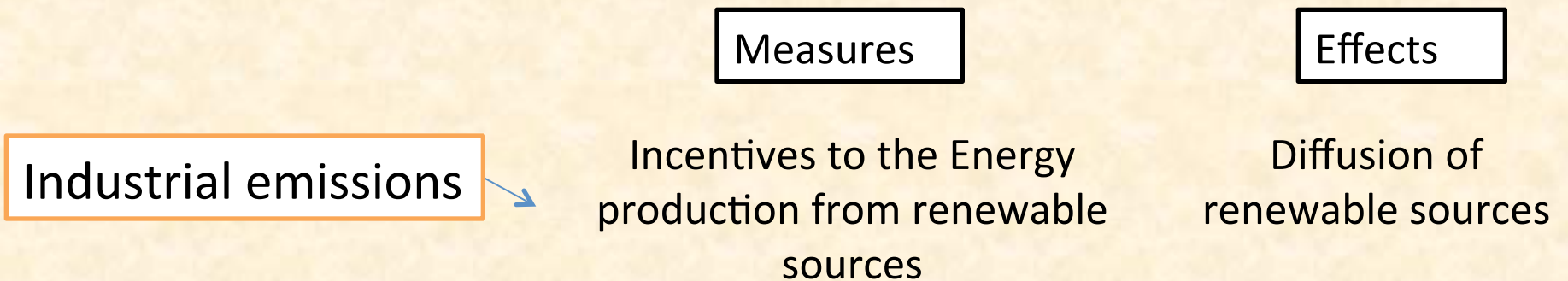
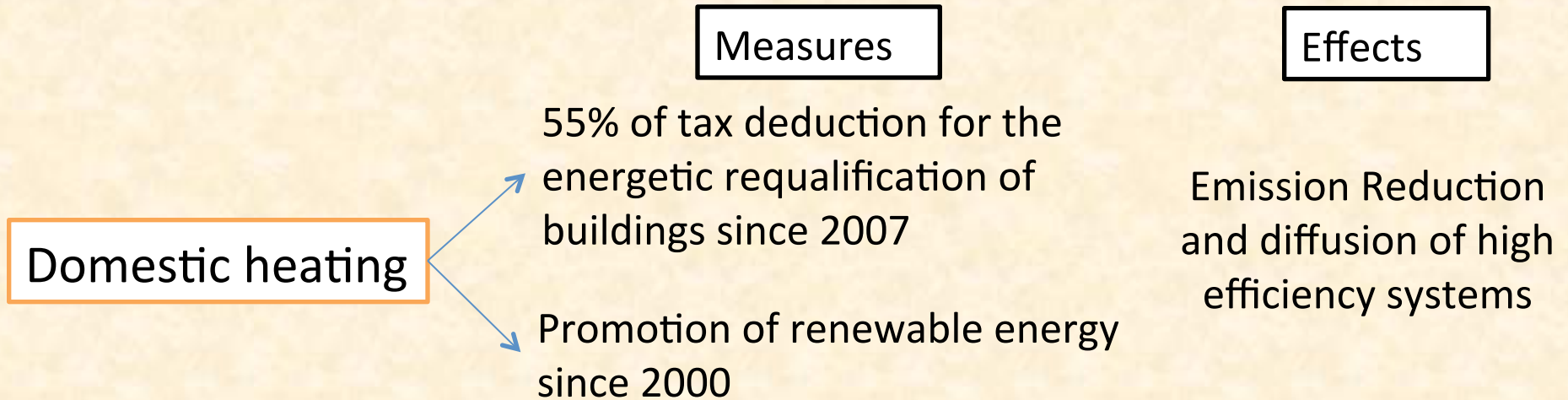


# LEGISLATIVE MEASURES



Problems: negative effect on emissions due to lack of integration with climate policy (biomass burning) and to the NO<sub>2</sub> emissions from cars

# ECONOMIC MEASURES



# ECONOMIC MEASURES

## Measures

## Effects

Transport

Promotion of sustainable mobility

Diffusion of alternative systems of mobility

Incentives to the Fleet renewal (cars, LDV, HDV mopeds, etc)

High reduction of emissions from transport sector

Incentives to infrastructure renovation



# FUTURE PROSPECTS

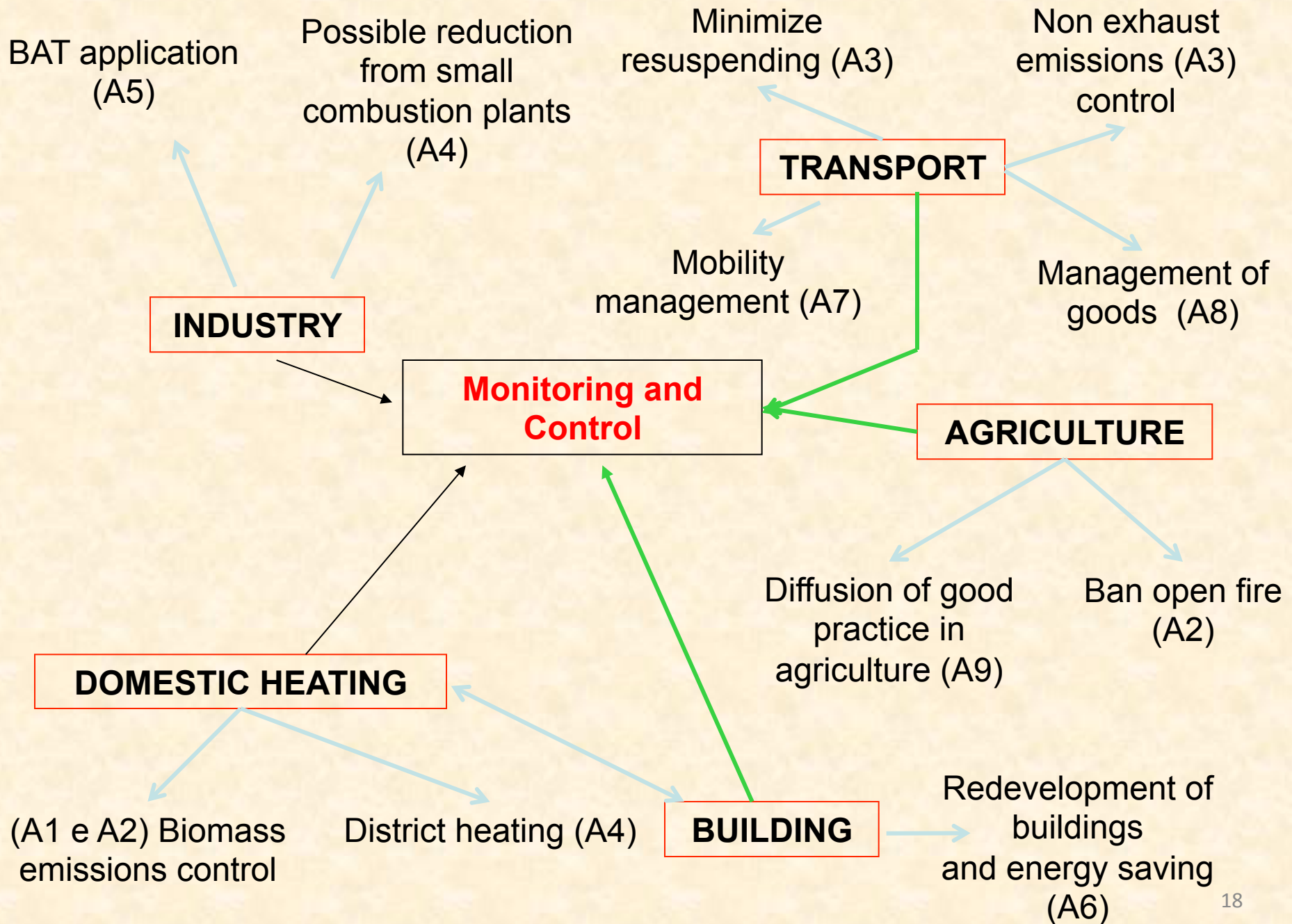
- New infringement procedures for PM10 and NO2 exceedances;
- Elaboration of new thematic strategy on air pollution (with NEC directive)
- Introduction of partnership agreement between EC Member States

# NATIONAL MEASURES

Decreto Direttoriale 756/2011

Istitute a WG comprising experts of emission inventories, dispersion models and emission scenarios as well as experts in the field of emissions from industrial plants and assessment and management of air quality, in order to identify specific measures to reduce pollution atmospheric

The identification of areas of intervention and measures was carried out taking into account the environmental impacts resulting from their implementation, in particular on the Po valley.



# PERSPECTIVES

## (Control of Air Pollution)

- Stronger coordination between with the EC in the definition and implementation of air quality plans
- Positive effect from more stringent control at European level on other sources (Construction sites, off-road vehicles, agriculture, small domestic appliances)
- New regional air quality plans
- National initiatives