

7. Technical reporting

- UIC Diesel Action Plan

Orsini

Rail Diesel Study

**Final Workshop
16 March 2006, Paris**



Diesel Emissions



Reducing Rail Diesel Exhaust Emission
Presentation and Discussion of the International "Rail Diesel Study"

UIC, Paris
16, rue Jean Rey, F – 75015 Paris

16th March 2006
10.00 – 17.00

How to reduce emissions from the existing fleet?

Are NRMM Directive limits achievable?

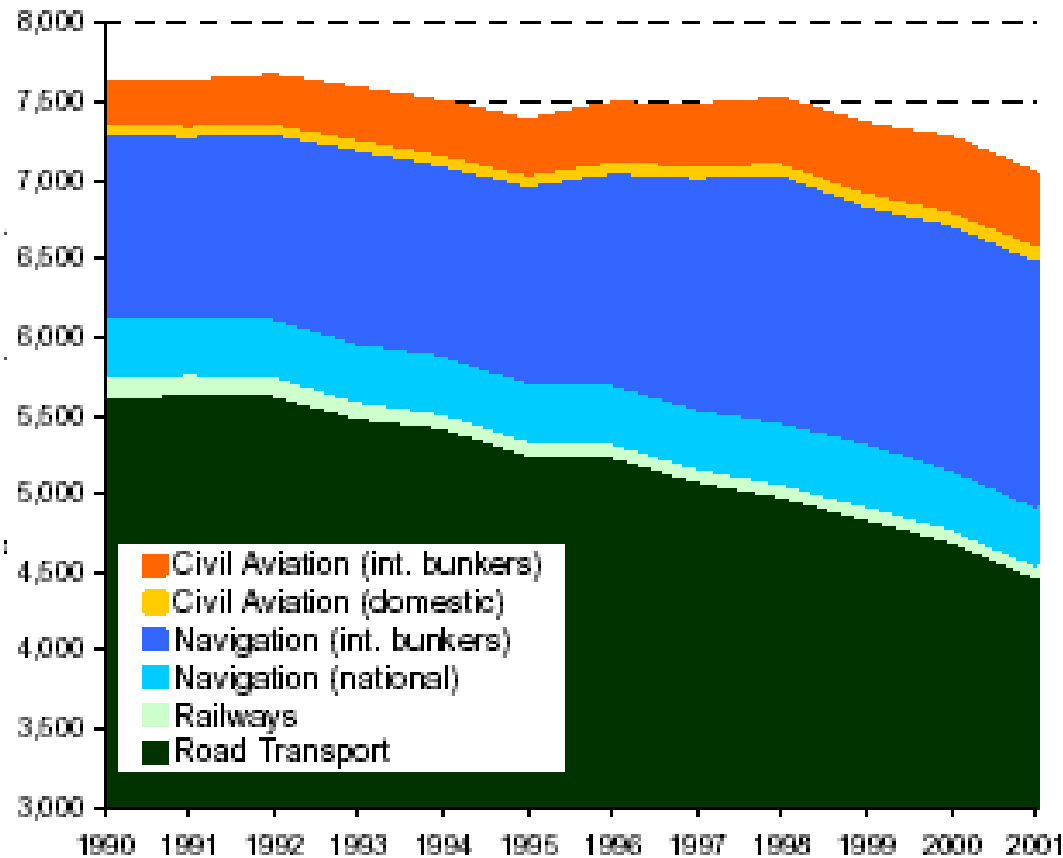
Which is the scenario for next 20 years?

The UIC Diesel Action Plan

| Activities within UIC Diesel Action Plan | 2003-04 | 2005 | 2006 | 2007 |
|--|---------|------|------|--------|
| Pre-Study | | | | |
| Rail Diesel Study | | | | |
| Strategies/Measures based on Study | | | | |
| Preparation of Review NRMM Directive | | | | Review |
| GREEN project | | | | |

Attention on exhaust gas emission

NOx emissions from the transport sector, EU25, 1990-2001:



Source: European Environment Agency, TERM 2003 03 EEA31

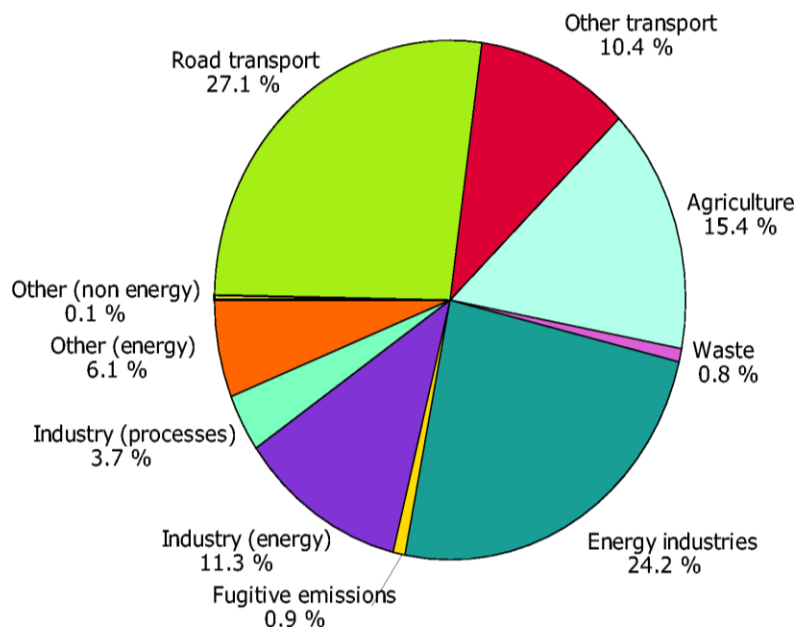
■ Rail's share of emissions comparably small (1-3 %),

but

■ Increasing attention on air quality from public and authorities with exceeded air quality limits at some hot spots

Diesel Emissions

Sector split emissions of primary and secondary particulate emissions



Strategy options that lead to net benefits for the existing fleet

