

# Directive 98/70/EC

- **Directive 98/70/EC: Comprehensive set of petrol & diesel environmental specifications**
  - From 1 January 2000:
    - Leaded petrol banned
    - Sulphur in petrol 150 ppm,
    - Benzene in petrol < 1%; Aromatics < 42%
    - Sulphur in diesel < 350 ppm
  - From 1 January 2005
    - Sulphur content of petrol & diesel < 50 ppm
    - Aromatics in petrol < 35%

# Directive 2003/17/EC

- **“Sulphur-free” fuels (less than 10 ppm)**
  - Phased Introduction from 1 January 2005
  - Complete switch no later 1 January 2009 - **to be confirmed in the case of diesel**
- **No change to non-sulphur parameters**
  - Except those already decided for 2005 (aromatics in gasoline)
- **Fuel quality monitoring**
  - Reference to new CEN standard
  - Guidance on “availability on an appropriately balanced geographical basis”

# In addition

Decision 2002/159/EC: “common format for the submission of summaries of national fuel quality data”

- Specifies how data should be presented to the Commission.

(Collected data is published annually see

[http://europa.eu.int/comm/environment/air/fuel\\_quality\\_monitoring.htm](http://europa.eu.int/comm/environment/air/fuel_quality_monitoring.htm)

Recommendation 2005/27/EC: “on what for the purposes of Directive 98/70 constitutes availability of fuel with maximum sulphur content on an appropriately balanced geographical basis”

# Main requirements of 98/70 as amended

- Prohibit the marketing of leaded petrol (Art. 3.1, subject to Art. 3. 7)
- Permit marketing only of unleaded petrol meeting requirements of Art. 3
- Permit marketing only of diesel fuel meeting requirements of Art. 4
- Permit marketing only of gas oils intended for non-road mobile machinery and agricultural and forestry tractors meeting requirements of Art. 4(5)
- Establish a system to cover exceptional circumstances (Art. 7)
- Establish an effective enforcement system (including penalties) Art 9a
- Establish a system for monitoring compliance with Art 3 and 4 (Art. 8)
- Establish a system to collect national fuel quality data (Art. 8)
- Ensure use of appropriate analytical methods (Art 10)

# Exceptions/derogations 98/70 as amended

- Article 6 – possible tighter specification in specific areas
  - To protect health or environment in identified areas
  - Must be requested in advance, be justified, proportional and not affect free movement.
- Article 7 – change in supply of crude oils
  - 3 requirements:
    - Exceptional events
    - These lead to a sudden change in oil supply
    - This change makes it difficult for refineries in the Member State to respect specification
  - Commission may authorise higher limit values for max 6 months.