



**SCREENING CHAPTER 27  
ENVIRONMENT**

**AGENDA ITEM: VOC DIRECTIVE  
99/13/EC**

**Country Session: The Republic of TURKEY  
29 May - 02 June 2006**



## CONTENT

- National Legislation and Institutions involved
- Corresponding Provisions of National Legislation
- Prohibitions
- Public Participation Process
- Challenges



## NATIONAL LEGISLATION AND INSTITUTIONS INVOLVED

### National Legislation

- Law No.2872 on Environment (as amended by the Law No.5491)
- Law No. 4856 on Duties, Competences and Responsibilities of the Ministry of Environment and Forestry
- By-law on Industrial Air Pollution Control (IAPC)

### Competent Authorities:

- Ministry of Environment and Forestry (MoEF)
- Governorships



## **NATIONAL LEGISLATION AND INSTITUTIONS INVOLVED (CONT'D)**

### **National Legislation**

- Law No. 5393 on Municipalities
- Law No. 5216 on Metropolitan Municipalities
- Law No. 5302 on Special Provincial Administrations
- By-law on Start-up and Operation Licenses of Workplaces

### **Competent Authorities**

Metropolitan Municipalities, Municipalities, Special Provincial Administrations



## NATIONAL LEGISLATION AND INSTITUTIONS INVOLVED (CONT'D)

### **By-Law on Industrial Air Pollution Control;**

Installations are identified in:

- Annex III, Paragraph 5 which lists the activities subject to emission permit
- Article 43.21 defines conditions for permit, requires either use of paints with low or no organic solvent content, or installation of stack gas cleaning systems





## **CORRESPONDING PROVISIONS OF NATIONAL LEGISLATION (CONT'D)**

**By-Law on Industrial Air Pollution Control includes control of VOCs in a wide extent, via permitting mechanism and ELVs**

- In Article 43.21, activity-specific ELVs are defined ( $\text{mg /Nm}^3$  expressed in Hydrocarbons)
- In Article 39, VOCs are handled in three groups, ELVs varying with the group of substances according to their potential impacts on environment
- Article 39 describes limit values in case certain substances such as toxic, carcinogenic or persistent pollutants are involved or emitted in the process



## CORRESPONDING PROVISIONS OF NATIONAL LEGISLATION (CONT'D)

- Article 40 prescribes monitoring of air quality in the plant impact area and estimation of plant's contribution to the local air pollution when needed
- Article 8 lays down the procedures and conditions to be fulfilled in pre-permitting of the new installations covered



## CORRESPONDING PROVISIONS OF NATIONAL LEGISLATION (CONT'D)

- **Article 15** lays down the requirements for the update of the information corresponding the permit conditions and describes principles and periods of measurements, standards to be followed and reporting obligations.
- **Article 38** describes the principles of inspection and responsibilities of both competent authorities and operators.
- **Article 41** defines principles of periodic and continuous measurements, when they are required and reporting of the emissions.





## **CORRESPONDING PROVISIONS OF NATIONAL LEGISLATION (CONT'D)**

### **By-law on Start-up and Operation Licenses of Workplaces (SOLW);**

- Article 4 (Definitions)
- Article 6 (Start-up and operation )
- Annex 2 (List of unsanitary installations)



## PROHIBITIONS

Use of AZO-based paint materials are banned in leather, textile and clothing industries, because of carcinogenic character, (Circular No. 15488-29.12.1994 by Ministry of Health).



## PUBLIC PARTICIPATION PROCESS

- Article 8 of the IAPC describes pre-permitting procedure and public participation process including:
  - Conditions of permit open to public view and
  - Review process for public.
- The Law No. 4982 on the Right of Access to Information draws the framework for public access to information.



## CHALLENGES

- **Implementation:**
  - Preparation of an inventory of the installations
  - Meeting the requirements of the Directive for existing installations, especially small enterprises, due to high investment costs
  
- **Institutional restructuring:**
  - Establishing an effective permitting, monitoring and inspection system



**Thank you for your attention**