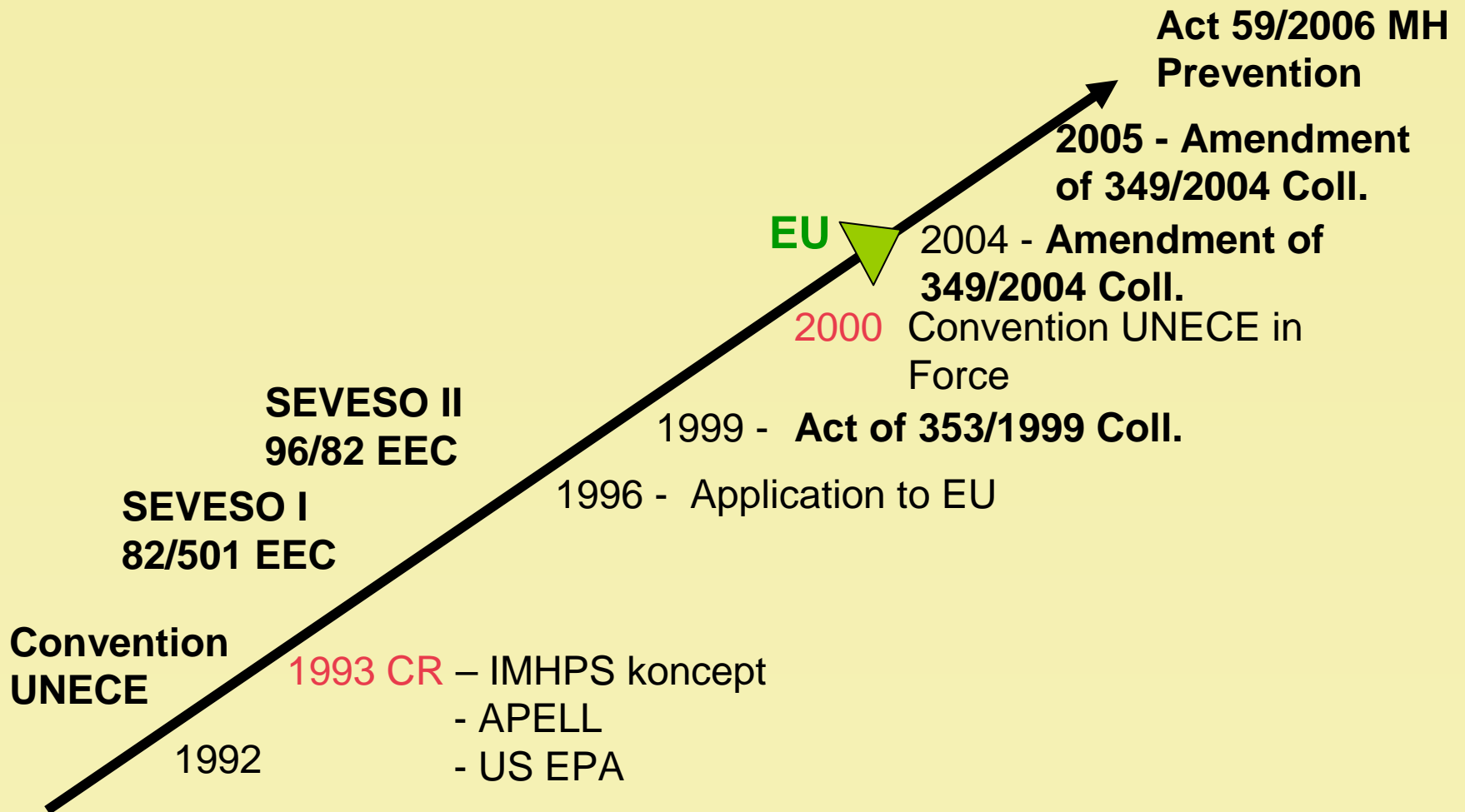


Integrated approach to MH prevention

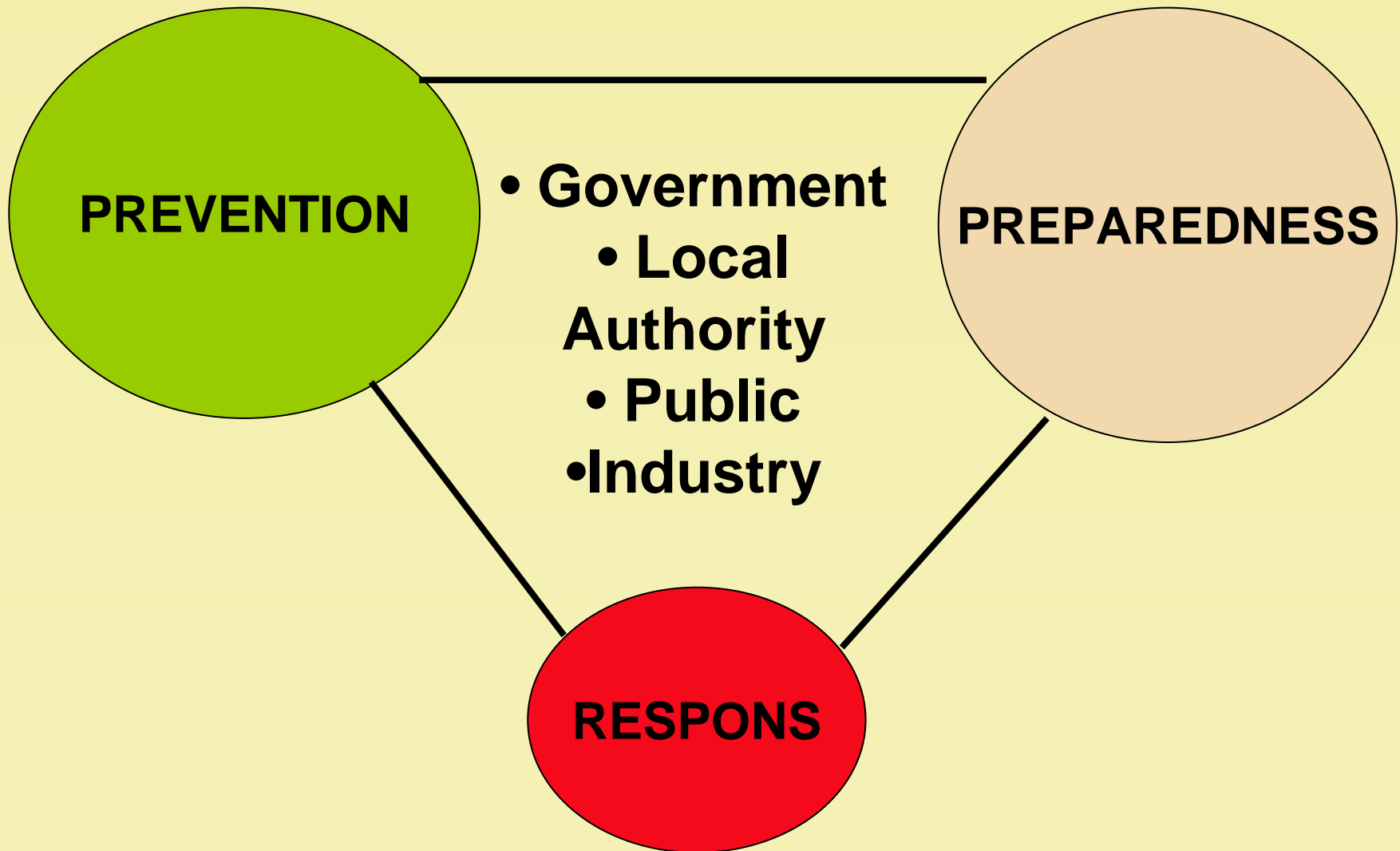
**Milos Palecek
VUBP**

Prague
2009

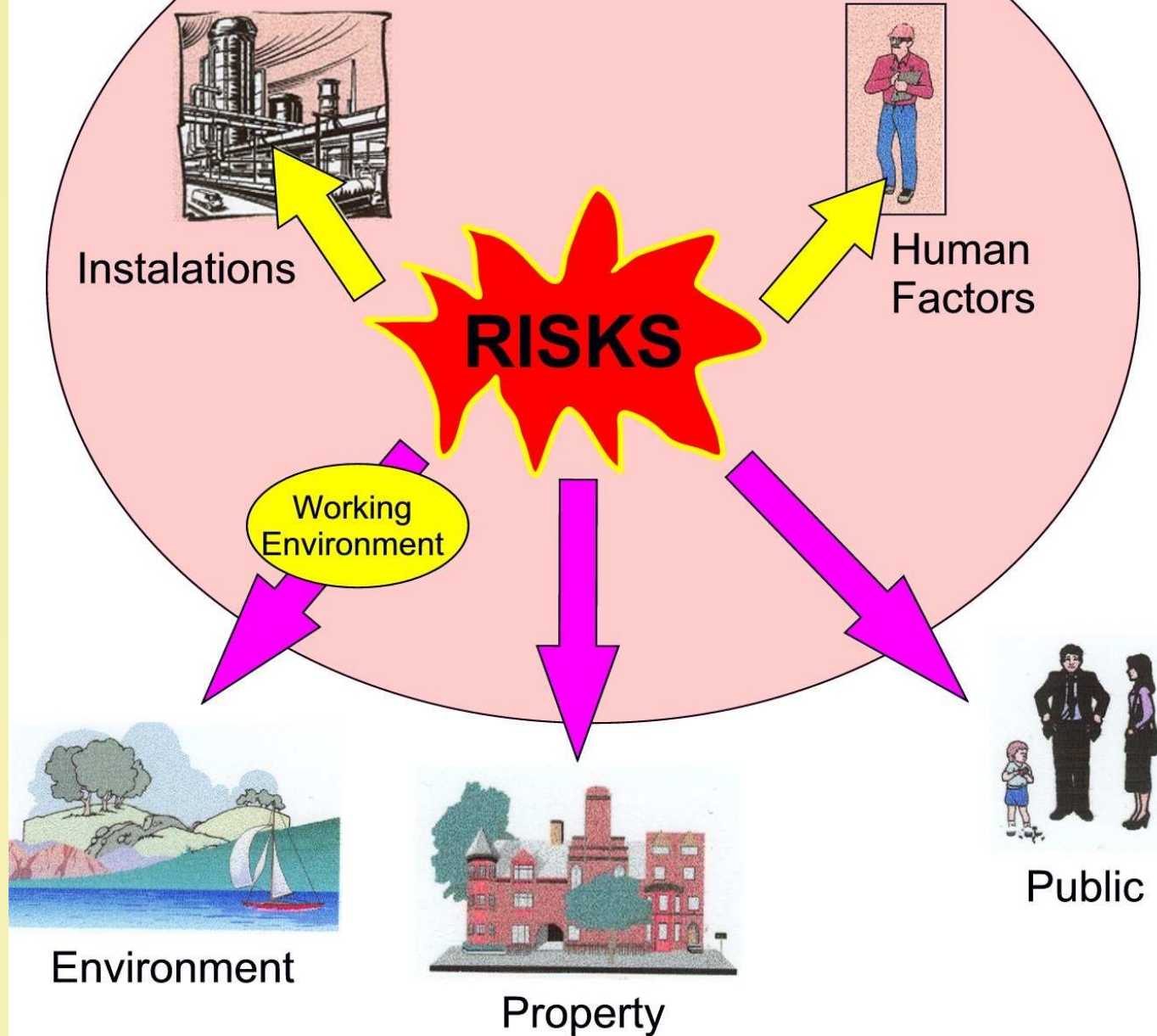
Historical development



SAFETY STRUCTURE



MME System Establishment





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www.povodnefoto.cz

Prevention

- Legislation
- Implementation
- Inspection
- Information
- Motivation
- Promotion

Requirements

- **CR** - Safety and Security aspects
- **EU** - Seveso I (1982)
 - Seveso II (1996)
- **UNECE** – Convention on the Transboundary Effects of Industrial Accidents

UNECE Convention vs. SEVESO

| | Convention | Seveso |
|-----------------------|------------|--------|
| Framework | X | X |
| Principles | X | X |
| Detailed requirements | | X |

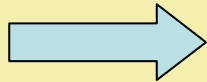
Seveso II vs. Seveso I

- **More simple and consistent**
- **The accent on HF reliability and safety (prevention) management**
- **The accent on inspection**
- **The participation of an establishment in emergency and land use planning**
- **The accent on the role of public**

Structure of CR Legislation

EU

Directive



Guidelines



Standards



CR

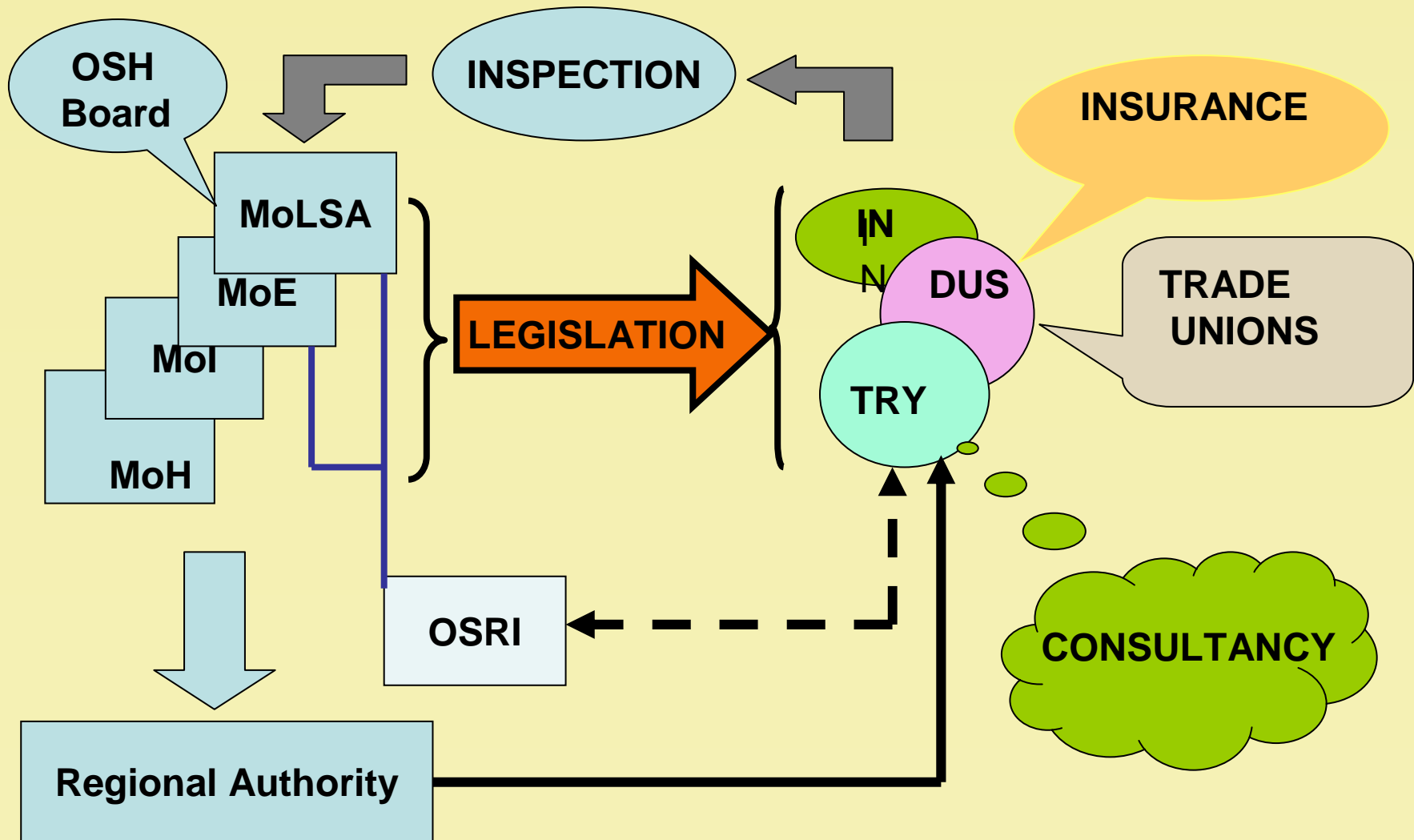
Act (what, who)

Decree; Gov. Order (how)

Guidelines

Standards

MA management in CR



Act 59/2006 MH Prevention

**Gov. Order 254/2006
The dangerous
substances control**

**Decree 250/2006
Security Precautions for
Installations in Group A and B**

**Decree 255/2006
The Way of
Accident
Announcement**

**Decree 256/2006
Major Accident
Prevention System
(some details)**

Guidelines

Guidelines

- **Principles, goals and policy of major accident prevention**
- **Risk assessment and evaluation**
- **Domino effects**
- **Safety report**
- **Assessment of HF influence**

Target Groups

- **Government**
 - **Ministries, Inspection, Gov. org.**
- **Local Authorities**
- **Industry**
 - **Corporations (employers/employees), SMEs**
- **Services**
- **Self-employed people**
- **Public**

ACT of 59/2006 Coll.,

**on the prevention of major accidents
caused by selected dangerous
chemical substances and chemical
preparations**

Risk vs. Safety Measures



Bodies of the State Administration

- a) the Ministry of Environment,**
- b) the Ministry of the Interior,**
- c) the Czech Mining Authority**
- d) the Czech Environmental Inspection,**
- e) the Regional Authorities,**
- f) the bodies of state professional supervision
over labour safety and the safety of technical
installations,**
- g) the bodies executing the state
administration in the areas of prevention,**
- h) the regional public health services**

Information

An operator shall be obliged to inform the employees and other natural persons present in the establishment or at the installation of the risks of a major accident, of preventative safety measures and of desirable behaviour in case of the occurrence of a major accident.

Information to the Public

The Regional Authority shall prepare and provide information to the public in the zone of emergency planning about

- the risk of a major accident, including the possibility of domino effects, preventative safety measures,**
- impact mitigation measures,**
- the desirable behaviour of individuals in the case of the occurrence of a major accident**

Information in the case of accident

**An operator who causes a major
accident shall be obliged to
immediately notify the competent
Regional Authority, other affected
bodies of the state administration,
and affected municipalities of the
major accident**

Insurance

An operator shall be obliged to

- » Conclude insurance of liability for damaged caused as a consequence of a major accident**
- » Conclude insurance prior to bringing a new establishment or installation into test operations**

Emergency planning

- **The internal emergency plan**
- **The external emergency plan**

PUBLIC PARTICIPATION AND INFORMING THE PUBLIC

The Regional Authority shall provide for public discussion of the program, safety report and external emergency plan, including their up-dating.

Execution of the state administration

Integrated inspection

Bodies of integrated inspection shall

- carry out controls on operators in the framework of his(her) competence and within the time laid down by the Czech Environmental Inspection,**
- prepare information on the results of controls and submit this information forthwith in written and electronic form to the Czech Environmental Inspection.**

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