EDUCATION

in the field of major hazard prevention

Parkhotel, 11. – 13.2.2009
Object in View

→ **Risk Management**

Risk Analysis

• Risk Assessment
• Preventative Safety Measures
  (technical and organizational)

→ Risk reduction and accident prevention, effective emergency preparedness and response
Importance

Different depth of learning

• Safety Documents
  Authors/Experts/Reviewers
• Operators/Industry
• Interested bodies of state administration
• Interested municipalities
• Public
Quality of Safety Documents

• level of safety documents → quality improvement
• shortcomings still remain
  ❖ non-respect of recommendation
  ❖ deficient knowledge of safety documents authors
• imperfections in all parts
Safety engineering

Theoretical basic part:
• mathematics, physics, general chemistry, chemical and processing engineering, ecology, toxicology, reliability systems, management systems…

Applied part:
• occupational health and safety, fire protection, emergency and land-use planning
University Education

- **Technical University of Ostrava** – Faculty of Safety Engineering
  → specialized unit: Laboratory for Risk Research & Management → **LabRisk**
  (risk analysis, industrial risk management, human factor and major accident risks)
- **Technical University of Liberec**
- **Institute of Chemical Technology Prague** – Department of Organic Technology → study Chemical Process Safety
- **Brno University of Technology**
- **Police Academy Prague**
Education and Training

- **Professional qualifications** – special course
- **E-learning** – OECD Guiding Principles for Chemical Prevention, Preparedness and Response
- **Distance learning** – „Safety management system and emergency planning“
- **EDFORSA Project** – „Education for Safety“ → electronic course „Risk Prevention and Health Protection“
- **Journal of Safety Research and Applications (JOSRA)** – electronic journal
- Seminary/Lectures/Trainings
- Adult Education (enlightenment)
Thank you for your attention