



iNTeg-Risk: Early Recognition, Monitoring and Integrated Management of Emerging, New Technology Related Risks

iNTeg-Risk Kick off meeting

December, 2.-3.2008

CEN Premises, Brussels

(46) Jozef Stefan Institute, JSI
Ljubljana, Slovenia

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JSI's contribution to the iNTeg-Risk:

- Provision of the networking/integration among
 - RA, Risk Assessment
 - SIA, Sustainability Impact Assessment
 - SEA, Strategic Environmental Assessment
 - EIA, Environmental Impact Assessment
 - LUP, Land Use Planning
- Implementation in early planning stages for emerging technologies
- Products & Activities
 - development of an integrative framework
 - demonstration of the framework on three plants/case studies: Port of Koper, NIS Pančevo, Chemical process industry in Italy – to be specified by the JRC Ispra
- Ultimate goal:
 - effective approval process for new emerging technologies including licensing
 - contribution to achieving societal acceptability of new emerging technologies



Related experience of the JSI (selection)



- **International collaboration - partnership in previous EU FP projects**
 - LOW COST FGD (5th FP, coordinator)
 - PHARE (Transposition of the Seveso II Directive)
 - ARAMIS (5th FP, partner)
 - SHAPE RISK (6th FP, partner)
- **Consultancy for industry (national level)**
 - evaluation of process safety
 - SMS development
 - Integration of SMS and Environmental Management (ISO 14001)
 - Preparation of safety reports
- **Consultancy for regulators and local communities (national level)**
 - legislation, procedures
 - expert reviews
 - opinions
- **Research**
 - Development/upgrade of evaluation methods (e.g., integration of RA and LUP – development of threat and resilience index)
 - Involvement of RA in the SEA process (uncertainties & trustworthiness of evaluation results and decision making)

- Largest public research institution in Slovenia
- Around 700 employees specialized in:
 - physics, chemistry and biochemistry, electronics and information science, nuclear technology, energy utilization and environmental science.
- Two departments involved in iNTeg-Risk:
 - Department for inorganic chemistry and technology (Gerbec)
 - Department for environmental sciences (Kontić & Kontić)
- Contacts
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