Early Recognition, Monitoring and Integrated Management of Emerging, New Technology Related, Risks

iNTeg-Risk

SEVENTH FRAMEWORK PROGRAMME

EU-VRi

Grant agreement number: CP-IP 213345-2

INTEG-RISK KICK-OFF MEETING

INTEG-RISK: EARLY RECOGNITION, MONITORING AND INTEGRATED MANAGEMENT OF EMERGING NEW TECHNOLOGY RELATED RISKS

BRUSSELS (B), 2ND - 3RD DECEMBER 2008

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JOINT RESEARCH CENTRE (JRC)

Research-based policy support

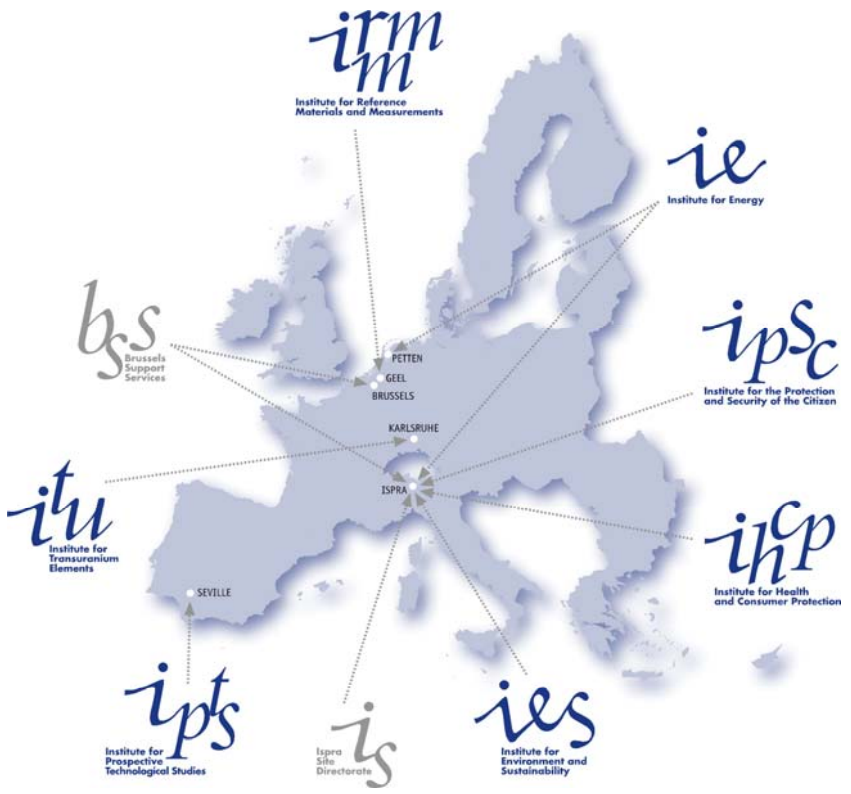
- Our mission: As a Directorate-General of the European Commission, the JRC provides customer-driven scientific and technical support for the conception, development, implementation and monitoring of EU policies.

- As a service of the European Commission, the JRC functions as a reference centre of science and technology for the Union, serving the common interest of the Member States, and being independent from special interests, whether private or national.

- We contribute to supporting citizen's security, health and environmental protection, safety of food and chemicals, disaster risk management, alternative energies, nuclear safety, econometrics, prospective technologies.

Our Structure: 7 Institutes in 5 Member States

IRMM - *Geel, Belgium*
Institute for Reference Materials and Measurements
ITU - *Karlsruhe, Germany*
Institute for Transuranium Elements
IE - *Petten, The Netherlands – Ispra, Italy*
Institute for Energy
IPSC - *Ispra, Italy*
Institute for the Protection and Security of the Citizen
IES - *Ispra, Italy*
Institute for Environment and Sustainability
IHCP - *Ispra, Italy*
Institute for Health and Consumer Protection
IPTS - *Seville, Spain*
Institute for Prospective Technological Studies



~ 2750 staff
~ 330 M€/y budget (+ 40 M€/y competitive income)

Remit of MAHB:

- To provide research-based scientific support to the Community (e.g. DG ENV, DG RTD and Member States) on EU policies (incl. Seveso) for the protection of the chemical industrial infrastructure and the citizen from the risks of events, either accidental or deliberate, involving dangerous substances.

Main functions and research areas:

- Accident analysis and management of MARS database (Major Accident Reporting System);
- Risk Assessment methodologies – benchmarking, uncertainties, guidelines, tools;
- Land use planning;
- External hazards – natech and intentional acts;
- Human/organisational factors.

JRC / MAHB INVOLVEMENT IN INTEG-RISK

MAHB has a key role in:

- Development and application of ARIPAR (area risk assessment tool) and similar tools for mapping different risk sources;
- Land use planning with the application of ARIPAR and similar tools;
- Land use planning related to re-gasification of LNG near sensitive areas;
- Natural events triggered technological disasters (Natech);
- Harmonised platform for exchange of information amongst different accident databases;

- Principles and use of Safety Performance Indicators (leading/lagging);
- Study of atypical Buncefield-like phenomena;

- Emerging risks (Carbon Capture and Sequestration, nanotechnologies, etc.);
- Guidelines;
- Benefits and opportunities for consistency in risk assessment.