



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

iNTeg-Risk Kick-off Meeting

Jose Lorenzo, Atos Origin
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Atos Research & Innovation

Come with us to the
future of technologies



- Atos Research & Innovation (ARI), Atos Origin's R&D hub, located in Spain, is the worldwide reference point in innovation for the whole Atos Origin group
- 200 R&D&I projects in the last 15 years. 80 R&D&I ongoing projects in 2008
- ARI comprises 13 research units. The Geospatial and Environmental Applications (GEA) Unit has been the Coordinator of the FP6 Integrated Project "ORCHESTRA" in the research priority of "Improving Risk Management"



- ORCHESTRA stands for “Open Architecture and Spatial Data Infrastructure for Risk Management”
 - Started in September 2004, ended in February 2008
 - A budget of 13,7 M€, with 8,2 M€ funded by the EC
- Why ORCHESTRA? Actors involved in Risk and Disaster Management are becoming more dependent on integrated information systems
- Such integration is difficult due to lack of
 - common terminology,
 - accessibility and availability of data,
 - interoperability (e.g. lack of standards and their use),
 - co-ordination, procedures and business models, ...



- ORCHESTRA Goals. Improve efficiency risk management activities through:
 - The design and implementation of an open service-oriented architecture based on standards (de-facto and de-jure) and in INSPIRE and GMES specifications
 - To validate the architecture in multi-risk scenarios, developing the sets of services that are most useful and adequate for the risk management end users
- ORCHESTRA is the definition of a service architecture that enables interoperability at a European level
- The ORCHESTRA architecture has reached Best Practice status within the world-wide standards organisation OGC

<http://www.eu-orchestra.org>

Atos and ARI in iNTeg-Risk

- Atos will provide consultancy about how results of ORCHESTRA can be applied in iNTeg-Risk in order to ensure openness and interoperability
 - how to improve your business through interoperability
 - new business lines and processes
 - how to become interoperable cost effectively
- Will help in the IT related tasks to define the common framework oriented towards an integrated decision making process
 - Participating in Task 4.3.4 for the assurance of the iNTeg-Risk solution for the time after the project

Contact Data

José Lorenzo

jose.lorenzo@atosorigin.com

Atos Origin Spain

Albarracín 25

28037 Madrid

Tel: +34 91 214 8335