

# Risk management for Europe

**Systems being developed under ORCHESTRA will allow agencies involved in risk management to work more effectively across organisational and national boundaries.**

Risk management activities involve a range of organisations at various administrative levels, each with their own systems and services. This fragmentation makes it difficult for agencies to share relevant information so as to handle the problem efficiently. Even when data is exchanged, the formats and systems used are so different that it hampers proper data analysis and resource management - all critical elements of risk management.

On the other hand, recent events have underscored the need to be able to consolidate information from disparate systems to support citizen protection and security, disaster management, criminal justice, and other missions. Administrations need to be able to work together across organisational boundaries whether they are at European, national, regional or local levels.

ORCHESTRA, an integrated project under IST-FP6, is responding to this challenge. Its goal is to improve the technical interoperability between actors in the risk management chain so that they are able to share information more effectively.

The project has set out to develop a service-oriented architecture for risk management based on open standards, together with a software infrastructure for enabling risk management services. Services applicable to specific risk management applications, for instance forest fires or floods, man-made risks, are also being developed.



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## Policy Case At A Glance

<b>Project name:</b>	ORCHESTRA
<b>Reference number:</b>	IST-2002-511678 (FP6)
<b>Web:</b>	<a href="http://www.eu-orchestra.org">www.eu-orchestra.org</a>
<b>Policy domain(s):</b>	Environment; Security; External Relations
<b>Policy sub-domains:</b>	Risk management
<b>Related policy measure:</b>	INSPIRE initiative Global Monitoring for Environment & Security (GMES)
<b>Expected impact:</b>	More effective trans-boundary risk management
<b>Beneficiaries:</b>	Civil protection authorities; environmental agencies

## Contact Details

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All of the ORCHESTRA results will be validated in a scenario involving multiple risks, both natural and man-made, in a cross-border situation. One outcome will be a set of software standards for risk management applications, which will be input to standards bodies such as OGC, ISO and CEN. Some of the results will also be used as input to the EU's INSPIRE and GMES initiatives on geo-spatial information and services.

ORCHESTRA will not only deliver technical results but is also bringing together the European risk management community. This is being done by integrating the results and recommendations of previous and current European and national projects and initiatives, thus harmonising the technical underpinning of risk management in Europe.

## Making the Link

The projects and results described here are just one of many policy-relevant activities funded by Information Society & Media DG (DG INFSO). The Information Society Policy Link initiative aims to leverage the benefits of these activities for European policies. We are here to make the link.

For Project Consortia, we can help you to:

- Organise Policy Workshops and events targeted at the European policy community.
- Make introductions to policy-makers in European institutions and national administrations.
- Make contact with relevant and complementary projects and initiatives funded under other European programmes.
- Identify means to further exploit policy aspects of your results, including through further research, deployment and regulation.

For Policy-makers in the EU institutions and Member States, we can help you to:

- Maintain awareness of Information Society activities relevant to your policy domain.
- Identify promising projects and results within Information Society & Media DG's portfolio.
- Explore ways in which Information Society developments can support the implementation and monitoring of European and national policies.
- Build a dialogue with Information Society & Media DG on future needs and research requirements.

If you wish to utilise these project results, or those of similar activities funded by Information Society & Media Directorate-General, please get in touch.

### Further Information

Information Society Policy Link initiative

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