

# Action for Critical Infrastructure Protection

Our mission is to foster the emergence of innovative, qualified, efficient and competitive security solutions, through the networking of European experimental capabilities.

## erncip newsletter

### 3rd ERNCIP Expert Group meeting

The 3rd Expert Group meeting took place in Ispra, 13-14 February 2012, with the participation of seven Member States Experts and two Thematic Group Coordinators. The purpose of the meeting was to review progress of the Inventory development, the progress in establishing the Thematic Groups, and to discuss new ideas for expansion of ERNCIP, including new Thematic Areas to start in the last quarter of 2012.

The ERNCIP Office presented the Inventory's development process, and described the system functionalities and data content. A summary was provided about the lessons learned from the Key User Group visits, and how these experiences helped to shape the design of the system. The proposed governance of the Thematic Area was discussed, with the opportunity taken to distribute the Memorandum of Understanding, detailing the policy and administrative issues of the thematic groups' work.

Two new Thematic Areas were proposed for the last quarter of 2012: "Automatic analysis of video images, such as from CCTV cameras" and "Biometrics for identity, such as fingerprint, face and iris recognition, to include spoofing vulnerabilities".

The ERNCIP Office will investigate the feasibility of the suggestions.

### ERNCIP Inventory development

The Pilot version of the ERNCIP Inventory developed in January this year was successfully evaluated during the 3rd Expert Group meeting in February. A thorough test of the system is scheduled for March and April, and the Inventory is planned to be launched in May.

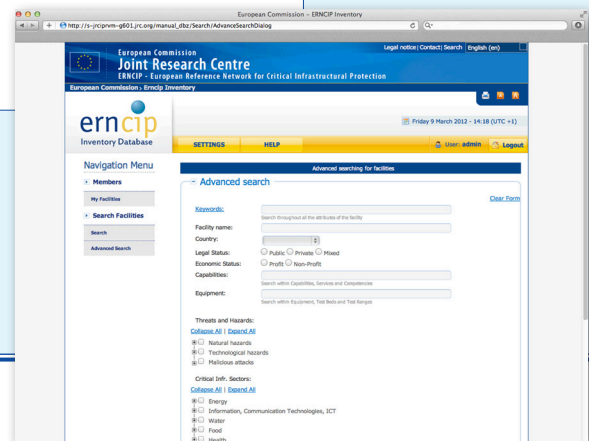
The ERNCIP Inventory accommodates the profiles of various experimental facilities allowing them to describe in detail their capabilities, services, and available testing equipment and provides an easy-to-use search tool that helps the CI Stakeholders (governments, CI operators, laboratories) to find partners to resolve different security problems.

In parallel to the system development, the ERNCIP Office has started the preparation of the marketing campaign which will initially focus on the EU facilities, seeking to reach a critical mass of data in the system.

Following the completion of the first marketing phase, the ERNCIP Office will strengthen the business potential of the Inventory by spotlighting the search users of the system (e.g. governments, CI operators) as potential professional or business partners for the facilities in the Inventory.

### ERNCIP externally

- At the Joint DG JRC-DG ENTR-CEN/CENELEC collaboration meeting on standardisation, (9 February), discussions were triggered on how ERNCIP and CEN/CENELEC could mutually benefit in their efforts to improve standardisation in security.
- During the Workshop on "Commercial Satellite Infrastructure Protection" (14 March, Washington D.C) the Department of Homeland Security expressed interest in the entire ERNCIP project, whilst the Department of State in the Thematic Area on "Space Security".
- At the "Review of the EPCIP Programme" (Meeting of the EU Member States Contact Points for CIP, 16 March, Brussels) several MSs expressed interest in participating in the Thematic Areas or in supporting the ERNCIP Inventory through dissemination of information about the system to national laboratories.



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## Thematic Areas' Kick-Off Meetings

Structural resistance against seismic risk	Aviation Security Detection equipment	Resistance of structures to explosion effects	Industry Control Systems (ICS) and smart grids
<p>The kick-off meeting of the group was held on 10 February 2012 in Istanbul, during the General Committee Meeting of the SERIES consortium (financed by the Capacities Programme in FP7). SERIES is a consortium of the key actors in Europe's seismic engineering research, and the majority of the members of the thematic area will be from this group. The thematic area will focus on networking activities, fostering a sustainable culture of co-operation among all research infrastructures and teams active in European earthquake engineering. The activities of the thematic group are being undertaken as part of the Networking activities of SERIES, in particular:</p> <ul style="list-style-type: none"> <li>• Creation of a distributed database of test results;</li> <li>• Tele-presence and geographically distributed concurrent testing;</li> <li>• Standards, protocols and criteria for qualification of RTD infrastructures in earthquake engineering;</li> <li>• Enhancement of human resources by training;</li> <li>• Co-ordination and collaboration with national, European and international related initiatives and support to the deployment of global approaches to research in earthquake engineering;</li> <li>• Dissemination to the entire European S&amp;T community of earthquake engineering via all relevant</li> </ul> <p>The thematic area is coordinated by Fabio Taucer from the JRC European Laboratory of Structural Assessment (ELSA) Unit in Ispra, Italy.</p>	<p>The first meeting of the thematic area ERNCIP-AVSEC took place in Ispra on the 17 February and was attended by 33 representatives from Member States' government agencies, research and technology organisations, the European Civil Aviation Conference, the Airports Council International (Europe), and the Commission, including DG HOME, DG MOVE and the JRC.</p> <p>The ERNCIP-AVSEC will form a platform for EU collaboration on technical/scientific issues related to detection equipment in aviation security. The aim is to provide support to the EU policy maker, primarily on detection requirements, conformity testing methodologies and certification mechanism, but also on issues such as technical exchanges with third countries and on threat event studies, new threat findings and innovative technologies.</p> <p>The thematic area is coordinated by Göran Lövestam from the JRC Institute for Reference Materials and Measurements in Geel, Belgium.</p> <p>The next meeting will take place in Ispra beginning of June.</p>	<p>The initial meeting of thematic area Resistance of structures to explosion effects took place in Ispra on the 15 March, and was attended by nine participants from five Member States and from the JRC European Laboratory for Structural Assessment. The group members discussed the definition of decisive scenarios, the consideration of different type of threats to structures, and the implications of combined effects (blast, fragments, and fire). A key issue identified was the comparative strengths and weaknesses of structural tests conducted with high-explosives against tests conducted using shock-tubes, and the possibilities and limitations of numerical simulations in addition to experimental testing procedures.</p> <p>This thematic area is coordinated by Alexander Stolz from the Fraunhofer Institute in Germany, Europe's largest application-oriented research organisation.</p> <p>The next meeting will take place in June either at Ispra or Hoofddorp (NL), with the intention of agreeing the scope and approach to the programme of activity for this thematic area.</p>	<p>The kick-off meeting for this thematic area took place in Ispra on the 3 February, and included 24 experts from government, infrastructure operators, cyber security organisations, academia, research and technology organisations, IT vendors, and from the JRC.</p> <p>The group identified that there is already much activity on ICS security, and that this ERNCIP group will therefore build on the results achieved. The meeting included two parallel workshops on ICS and smart grids. The ICS workshop discussed existing standards, and identified current areas of concern for ICS security. The smart grid workshop focused on the architectural concepts associated with smart grid terminology, and how this affects the testing and certification of components of smart grids</p> <p>This thematic area is coordinated by Annemarie Zielstra, Director of the Centre for Protection of the National Infrastructure in the Netherlands.</p> <p>The next meeting will take place in April in Paris, with the intention of agreeing the framework for the activities and deliverables of this thematic area.</p>

## Future Meetings/Events

### • Detection of Explosives Materials for Operational Needs (DEMON) - Detection of Explosives (outside aviation)

The Kick-off meeting for this group will take place in Brussels on 11 April. This thematic area will be coordinated by Didier Poullain of the CEA, a major French government-funded technological research organisation.

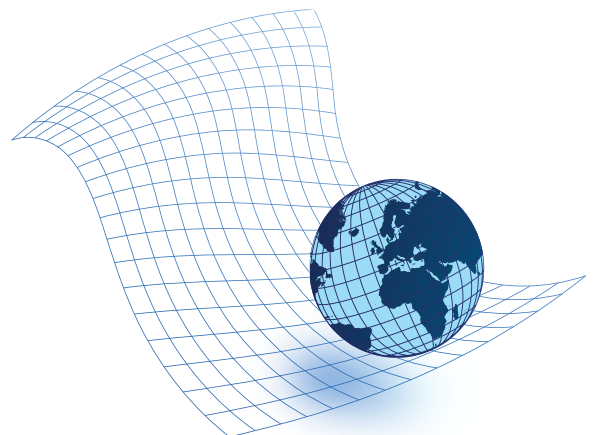
### • Chemical & Biological Risks in the Water Sector

The Kick-Off meeting is planned to take place in Ispra on 16-17 April. This thematic area will be coordinated by Philipp Hohenblum of the AEA, the Austrian Environmental Agency.

### • 2nd Meeting of TA on Industrial Control Systems and Smart Grids 20th April

### • 4th ERNCIP Expert Group meeting, Brussels 7 June

### • 1st ERNCIP conference 16-17 October



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