

# Action for Critical Infrastructure Protection

## European Reference Network 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.



### THEMATIC GROUP MEETINGS IN SUMMARY

#### Applied Biometrics TG

6th and 7th meetings on 11 April and 23 June 2014 in Ispra

Over the course of these two meetings the group members reassessed which of the work programme tasks would be most feasible to complete during 2014. Individual group members agreed to produce during the summer the elements of a guidance document for operators considering the implementation of biometric technologies as part of their security arrangements. The update for a European biometric standard for physical access control within a secure location is now to be tabled at the CEN technical committee meeting in October 2014.

#### Video Analytics and Surveillance TG

4th meeting on 4 June 2014 in Brussels

The meeting of the re-planning sub-group set the foundation for the reengineering of its structure, and ascertained the status of its short-term tasks. The new Coordinator (Martin O'Farrell) introduced himself, and set out his vision for the work of this thematic group. The ERNCIP Office updated the meeting on the priorities of the EC for standardisation and harmonisation in Europe, and the potential goals foreseen for this Group. The main tasks to be accomplished by the next meeting were the invitation of an expert representing a relevant European Trade Association, and a reformulation of the TG's Work Programme for the rest of 2014. TG members also volunteered to investigate the possibility of video datasets being hosted in a discrete web site, recognising Member States' special data protection requirements, and to compile a list of academic points of contacts for all EU countries for this topic. The participants agreed to research potential synergies with relevant FP7 and H2020 projects, for discussion at the next meeting of the sub-group, to be held in August.

#### Radiological and Nuclear Threats TG

6th meeting on 10-12 June 2014 in Ispra

The full meeting of the TG was preceded by a meeting of the sub-group for the list-mode topic which finalised its deliverable with the inclusion of performance tests of digital instrumentation on critical parameters, and how to validate list-mode data files and post-processing software.

The sub-group agreed that the final report for list-mode data acquisition is now ready for publication. The full TG meeting addressed the objective of radiation detection systems using unmanned vehicles. Members gave presentations of the state of the art of this in their countries, including on remote controlled radiation measurements and sampling using rotary and fixed-wing unmanned airborne vehicles. The TG split into three sub-groups which separately worked on identifying the critical parameters associated with detection from unmanned vehicles. Conclusions were assimilated into a single draft version to be circulated to all members for comment prior to the next TG meeting scheduled for October 2014.

#### Case Studies for the Cyber-Security of IACS TG

2nd meeting on 18 June 2014 in Ispra

Although the analysis of inquiries among the industrial CI operators confirmed how difficult it is to get data about the cyber-security of IACS, it appears clear that there is no requirement for a mandatory testing and certification scheme. Nevertheless, industrial operators need reassurance as to the cybersecurity of the devices they buy (components and system integrators), requiring producers and vendors to offer tested products. The experts discussed a proposal to define a pan-European voluntary Test & Evaluation scheme, in the knowledge that some Member States may already require some IACS components to be certified. The next meeting will be held on 24 September 2014 in Ispra.

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

8th Meeting on 27 June 2014 in Ispra

The meeting reflected on the outcome of the Water Operators' workshop on the previous day. The meeting analysed the status of responses and the results so far of the questionnaire aimed at drinking water utility, the relevant legislative framework of each EU MS, the research projects under FP7 and H2020, and the potential for collaboration with JRC water labs. The work programme was updated for the tasks of pathogen identification and ad hoc identification of contaminants. The proposals for the 2015 tasks were agreed, as was the agenda the next meeting, to be held in November 2014 in Barcelona to coincide with the forthcoming European Water Conference.

## 2<sup>nd</sup> ERNCIP Operators workshop

19-20 May 2014 in Ispra

The second Operators' Workshop followed up on the conclusions of the first ERNCIP Operators' workshop that took place in Brussels on 12-13th September 2013. The workshop focused on "Technological Security Solutions - Assessment, Selection and Development" and was organised into three sessions moderated by Klaus Keus (BSI), Carmine Rizzo (ETSI) and Alois Sieber. More than 30 high-level professionals from the energy, ICT, transportation and water sectors, as well as representatives from the security industry and laboratories participated in this very interactive workshop.

### 2nd ERNCIP Academic Committee meeting 8 April 2014 in Ispra

Participants discussed whether there would be benefits from creating or harmonizing a European curriculum in CIP-related education, and if so, how to achieve such objective. The members agreed that "there is a mismatch between university education and industry needs. The answer is in looking at the needed functions and working out the essential competencies in order to develop standards for capabilities (focusing on operators, supervisors, managers etc.). This has been successfully done in the field of energy in many European countries, both in standard university courses and in vocational education courses. Benchmarking a security programme would be good, but first the need and objectives have to be developed, but who should do it is unclear". ERNCIP will launch a study that, in the first phase, will consist of building a map of all the scientific domains and knowledge areas to be potentially included in CIP courses (e.g. computer science, engineering,

global security, law, public policy, cyber security, risk assessment, emergency management) as well as the requirements for the establishment of European training and certification schemes. The preliminary results of this study will be discussed in the next Academic Committee meeting to be held on 20 October 2014 in Ispra.

### 8th ERNCIP Member State Expert Advisory Group - 20 May 2014 in Paris

This meeting was hosted by CEA, France, which allowed the Group members to be updated on relevant CEA research activities on CIP and CBRN-E matters. 12 Member States were represented, and were briefed in detail on the progress being made by ERNCIP's Radiological and Nuclear Threats to CI Thematic Group by the Group's Coordinator from STUK, Finland. As previously requested, the Group members were given the opportunity to present the status of their national CI processes, the methodology of identifying and registering national CI, and the main activities and issues for protection and

## Next Meetings/Events

- 11th Resistance of structures to explosion effects TG meeting on the 7-8 July 2014 in Gramat (France),
- 5th Video Analytics and Surveillance Meeting TG (re-planning sub-group) meeting on 12 August in Brussels
- 3rd Case Studies for the Cyber-Security of IACS TG meeting on 24 September 2014 in Ispra

resilience of CI. Group members were briefed about recent ERNCIP developments, and the outcome of the ERNCIP Academic Committee, and the status of the discussions for the continuation of ERNCIP when its current mandate completes at the end of 2014.

### ERNCIP Chemical & Biological Risks in the Water Sector Thematic Group Workshop 26 June 2014 in Arona, Italy

Considered a fundamental part of the TG's lifecycle, the workshop enabled the expert members of the Group to share the results of its activities with water sector operators. Findings were presented on:

- The Sensors to monitor Water Quality,
- Monitoring Techniques for Biological Contaminants, and
- Monitoring of Biofilms.

The presentations will soon be available for download on the ERNCIP website.

The new ERNCIP Platform is a comprehensive IT solution used to collect, store, share and exchange information and documents among the stakeholders of the CIP community. The platform, built on work done in ERNCIP Phase 1 including the Inventory of Labs, has integrated new functionalities to improve synergies among European experimental facilities, manufacturers and Critical Infrastructure Operators, providing them better opportunities to connect through testing standards and guidelines. ERNCIP now offers an updated repository of standards and guidelines linking them with the labs making their testing capabilities more accessible and transparent. It integrates the following sections and tools:

- a content management system (CMS);
- the outline of the project;
- the Inventory of Labs;
- a list of relevant standards, and best practices;
- the activity of the network of experts;
- a section for the gap analysis;
- a download area for deliverables.

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platform  
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