

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.

 **newsletter no. 8**

THEMATIC GROUP MEETINGS IN SUMMARY

Chemical and Biological Risks in the Water Sector TG

6th meeting on 3-4 October 2013 in Ispra

The meeting of this group, coordinated by the Austrian Environment Agency, gathered together 12 experts to discuss the early-warning challenges of detecting drinking-water contamination. An early warning system in this context is usually based on sensors of different types and characteristics. This meeting in particular reviewed the sensors currently available in the market, aiming at detecting chemical and microbiological compounds, measuring single or a combination of parameters at same time. It was concluded, firstly, that one of the main drawbacks at the moment to effectively implement sensors is a lack of standards for contamination testing in drinking water both in the EU and in USA, and, secondly, there exist poor links between available sensor technologies and water quality regulations. A report on this theme, prepared by the Thematic Group, has been published on the ERNCIP webpage. The next meeting will take place at JRC, Ispra, on 20-21 March 2014.

Applied Biometrics for CIP TG

4th meeting on 18 October in London, and 5th meeting on 16 December 2013 in Ispra

The work programme for this thematic group, coordinated by CAST UK was finalised by the group, and approved by ERNCIP office. The group agreed to propose an update for a European biometric standard for Access Control, including anti-spoofing and two-factor authentication, in line with proposals in the scope of DG Enterprise and Industry's Mandate 487. This update will be tabled at the CEN technical committee meeting in summer 2014. The group also reviewed the initial ideas for a 'guidance document on the use of biometric technologies' for operators of CI systems in the EU, developing the structure of this and allocating the work to group members to be undertaken in the early part of 2014.

Video Analytics and Surveillance TG

3rd Meeting on 28-29 October 2013 in Ispra

The third meeting of this Group discussed the allocation of work to members, and sought volunteers to lead on the tasks being finalised within the draft work programme for 2013/14. The existing Coordinator announced his forthcoming retirement, and proposed that his deputy Coordinator would take over the coordination of this group on behalf of CAST, UK.

Radiological and Nuclear Threats to Critical Infrastructure TG

3rd meeting on 14-15 November 2013 in Ispra

Altogether 15 participants, including guests from the US (NIST) and Canada (Health Canada), took part in this meeting coordinated by STUK, Finland. The specific theme of this meeting was the so-called reachback, which refers to remote support of field teams in radiation detection. Conventional means to realize in-field work is as follows: Frontline officers or first responders operate detection instruments. If anomalous radioactivity is detected, specialists are invited to the field with more sophisticated equipment and know-how. In an alternative approach frontline officers and first responders are equipped with spectrometers that are gain stabilized, easy to use and able to send the recorded high quality data wirelessly to the analysis centre. In the analysis centre, experts follow the measurements in real time and give advice accordingly. So, data moves instead of people and samples. This guarantees fast and high quality response with less people. A report on this theme will be prepared by the TG in 2014. The TG also familiarised on site at the JRC with the ITRAP+10 radiation devices testing facility. The group will meet next time in a subgroup fashion on 6-7 February in Helsinki and on 3-4 March 2014 at CERN, Switzerland in its totality.

Structural Resistance to Explosive Effects TG

Tele-conference on 3 December 2013

The group resolved the last open points of their final version of the report on the different methodologies for testing the resistance of windows and glazing. A strategy was developed to tackle the next work package, which is looking at the common practices in actually testing windows and glazing. Detailed example test reports will be collected from high explosives and shock tube tests on glass elements and windows. For the numerical modelling approach, it was agreed to document the steps that would be necessary to set up and analyse a numerical simulation for glazing and windows.

Explosives Detection Equipment (non-Aviation) TG

5th meeting on 10 December 2013 in Brussels

This group that has been coordinated till the end of 2013 by CEA France, met at JRC Headquarters in Brussels. The meeting discussed especially two reports prepared by the TG, namely "Needs for the detection of explosives outside aviation security concerns", which categorises the needs according to the type of public or non-public spaces where explosives may be understood as posing a threat, and "Existing regulations", which summarises the European regulations and legislation on explosive detection in this field.

*pre-
announcement*
**2nd Operators'
Workshop**
19-20 May 2014
JRC, Ispra

ERNCIP externally

CPEXpo2013 Community Protection Conference on 30 September in Genova

ERNCIP was invited to lead a session on the role of standards in critical infrastructure protection. The session has seen the participation of many CIP experts such as: Mr. Carmelo di Mauro in the role of moderator and Mr. Tomas Martin Inurrieta (Spanish Government), Mr. Gaetano Condorelli (Infrastructure Security and Crisis Management - ENEL S.p.a.) and Jolien van Zetten (NEN) as speakers. The active exchange of opinions between representatives of Member States, Standardization bodies and Infrastructure Operators set the ground for a fruitful discussion on the challenges for CIP in the future as well as the increasing demand of harmonized and recognized approach for the protection of Critical Infrastructures throughout Europe.

11th Thematic Network on Critical Energy Infrastructure Protection (TNCEIP) meeting on 1-2 October 2013 in Vienna

The theme for this meeting was "Physical Security and Critical Energy Infrastructure Protection" and ERNCIP presented its activities in general and its activities within the thematic group "Video Analytics and Surveillance" in specific.

European Organisation for Security (EOS) meeting on 17 October 2013 in Brussels

ERNCIP met with members of EOS to discuss the security industry's involvement in the ERNCIP thematic groups, particularly the Aviation Security thematic group. ERNCIP presented the current status of all the ERNCIP thematic groups, and received useful feedback and suggestions from the EOS members.

EU-Japan ICT Security workshop on 3 December 2013 in Brussels

ERNCIP described its work in the thematic area of Industrial Automated Control Systems & Smart Grids to this DG CONNECT organised workshop, as part of the session on Cyber Security of Industrial Control Systems and Smart Grids, presenting the state of play of relevant EU initiatives.

Academic Committee

1st meeting 12th November 2013

The ERNCIP Academic Committee, consisting currently of 12 renowned senior scientists in fields relevant to CIP, gathered for the first meeting at JRC, Ispra. The Academic Committee is a multi-disciplinary advisory body to the ERNCIP Office and the TGs, and in that capacity it has an important role to act as a link between the Academia and ERNCIP. It is also aimed at being a forum for discussion on how to further develop CIP-related knowledge in the academic community. In this first meeting, the state of societal security/CIP related research and education in different Member States was reviewed, and the need for a more harmonized societal respective education curriculum was discussed. The next meeting of the Academic Committee will be on 8 April 2014.

Coordinators' meeting

2nd meeting 17 December 2014

The meeting gathered together the Coordinators of ERNCIP TGs. A particular theme of this meeting was familiarisation of the ways of how the Thematic Groups' results could be transferred into standards. To that effect, a representative of the European Committee of Standardization (CEN) gave a very informative presentation, clarifying the different levels, and ways of preparation, of normative and non-normative standard forms such as European standard, Technical specification, Technical report and CEN Workshop agreement. It was decided that each TG will in their further meetings consider which form or method they will follow vis-à-vis contributing in European standardization.

Expert Group

5th meeting 22 October 2013

ERNCIP Expert Group represents the voice of Member States, consisting of the EPCIP (European Programme for CIP) Points of Contacts, or members nominated by them. Currently 16 Member States participate in the Expert Group activities. The meeting discussed CIP-related developments in the Member States, and it was decided that in the next meeting, some more in-depth reviews will be presented. The Expert Group was briefed about recent ERNCIP developments, such as the Inventory, Thematic Groups and their deliverables, ERNCIP Strategy for 2015-2020 (see <http://ipsc.jrc.ec.europa.eu/?id=831>), involvement of the CI operators into the work of ERNCIP, ERNCIP-NIST (US National Institute for Standardization and Technology) cooperation, and other issues. The Member States advice and cooperation in these issues is much appreciated.

Next Meetings/Events

- 4th Radiological and Nuclear Threats TG on 6-7 February 2014 in Helsinki
- 5th Radiological and Nuclear Threats TG on 3-4 March in CERN, Geneva
- 10th Resistance of Structures against Explosion effects TG on 13-14 March 2014 in Oberjettenberg, Germany
- 7th Chemical & Biological Risks in the Water Sector TG on 20-21 March in Ispra
- 6th Applied Biometrics TG on 11 April 2014 in Ispra

ERNCIP Laboratories Inventory

In autumn the population of the Inventory continued with a steady pace, resulting in a 10% increase in the number of registered organisations. In December 20 countries were represented in the Inventory with a good geographical spread as presented below.



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