In the 4th meeting, the group discussed the conclusions and recommendations of the assessment of possible standardization activities for detection of explosives and weapons at secure locations with medium throughput, and established levels of priorities within each application analysis. The objectives and tasks foreseen for 2016 were fine-tuned for submission within the proposed 2016 Administrative Arrangement with DG HOME B4. The overall objective will be to extend the work done so far by instigating the production of EU standards or guidelines. Additionally, the Group has proposed to investigate how best EU standards activities could support user needs for mitigating the risk of explosives and weapons attacks focusing at secure locations with high throughput (e.g. large sporting and entertainment events) and at public places/mass transportation locations. The main objective of the 5th meeting was to prepare for the validation workshop in the afternoon with EU stakeholders. The draft working papers and recommendations previously circulated were discussed and a revised version was agreed by the experts. The members also agreed on extending their work in 2016 to ‘open’ locations that do not have a secure perimeter where screening can be carried out.

DEWSL Stakeholder Consultation Workshop
The workshop was attended by approximately 20 participants made up of facility operators and security managers as well as representatives of the security directorate of the Commission, TAXUD, DG HOME, DG JRC, a seconded expert from the US NIST, and representatives of EOS (European Organisation for Security) representing security equipment manufacturers, system and service providers. Expert members of the Group presented their analysis and recommendations, which was followed by a comprehensive discussion with all stakeholders present. The attendees agreed with the analysis of needs and gaps, and strongly supported the Group’s recommendations and priorities. The workshop also identified the need for guidance to support managers in carrying out risk assessment, cost-benefit analysis and in designing screening processes that are effective, proportionate, non-intrusive and which minimise the impact on the normal flow of activity. Measurement tools and standards are also required for equipment, people and processes.

Chemical & Biological Risks in the Water Sector
In the 12th meeting, the much-delayed work programme for 2015 was agreed by the TG members for submission to the ERNCIP Office and DG HOME. Activities were defined within the 2015 programme to set out the elements required for a Water Security plan. The primary purpose of the meeting in Brussels was to discuss the draft reports and finalise the deliverables of 2015 Work Programme. The members agreed that contacts with national standardisation bodies is now a priority in order to obtain the support for the envisaged future standardisation activities that will better ensure the security of drinking water against contamination.

Video Analytics and Surveillance
The Group discussed the benefits of extending the involvement in the Group’s work to all experts that had previously shown interest in this topic. The coordinator agreed to invite wider participation in the agreed tasks. Discussion on the differences in legislation between Member States regarding privacy that could be slowing down research and development in video analytics, led to identification of future actions to consider what this Group could do in this area. Discussion on the draft video analytics user guide led to agreement that a case study should be added to the user guide, giving examples of when video analytics would be most effective. The approach to the task on the availability and identification of testing data sets within the EU and how best to enable collation and common access to them was discussed, with some concern expressed that there is possible duplication with data sets in the U.S. The Group will therefore prepare a report on existing data sets and the complexities in compiling and maintaining them.
The primary purposes of this meeting were to provide the ERNCIP advisory group of Member State representatives with:

- An update on the current status of all the ERNCIP thematic group activities, including a full presentation by the coordinator of the thematic group for European IACS Components Cybersecurity Compliance and Certification scheme.

- Proposals for a training course on critical infrastructure protection and resilience for security managers, to be piloted in 2016.

The horizon 2020 project IMPROVER (Improved risk evaluation and implementation of resilience concepts to Critical Infrastructure), aims to improve European critical infrastructure resilience to crises and disasters through the implementation of resilience concepts to real life examples of pan-European significance, including cross-border examples.

The first IMPROVER workshop was held on the 25th September 2015 and it aimed at gathering information from associated partners and experts in the field about their views on resilience, methods and concepts used, and challenges they meet. With over thirty participants, the group was able to gather information and facilitate fruitful discussions.

Some results can be found on the project's website on: [http://improverproject.eu](http://improverproject.eu)
The ERNCIP Platform
https://erncip-project.jrc.ec.europa.eu/

Statistics of the Thematic Group reports and deliverables

The statistics presented in this table only refer to the period from May 2015 to December 2015. They represent the number of downloads during this timeframe.

Please note that some deliverables are classified and therefore not available for download.

ERNCIP Thematic Groups: Downloads of published reports

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<th>Total (unique)</th>
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<th>TG NUCLEAR</th>
<th>TG IACS CS</th>
<th>TG DEMON</th>
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<th>TG Biometrics</th>
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Future ERNCIP meetings

- ETSI Technical Committee Cyber Security Sophia-Antipolis, 8 February 2016;
- European IACS components cyber-security compliance and certification scheme - Project 3 Kick-Off Paris, 12 February 2016;
- Chemical & biological risks to drinking water JRC Ispra, 24-25 February 2016;
- Video surveillance for security of critical infrastructure Schipol Airport, 1 March 2016;
- CIPRNet plenary meeting JRC Ispra, 7-8 March 2016;
- Resistance of structures to explosion effects Efringen-Kirchen, Germany, 9 March 2016;
- Applied biometrics for critical infrastructure protection JRC Ispra, 10 March 2016;
- Detection of Indoor Airborne Chemical-Biological Agents JRC Ispra, 1 April 2016;

ERNCIP at external events

Workshop/Training Programme on Critical Infrastructure Protection
14th-15th December 2015, Athens

The Center for Security Studies (KE.ME.A.) in cooperation with DG HOME and Joint Research Centre organized the Workshop/Training Programme on “Critical Infrastructure Protection” on the 14th and 15th December 2015 at the premises of KE.ME.A in Athens (Greece). KE.ME.A. is the research and consulting body of the Greek Ministry of Interior and Administrative Reconstruction and constitutes the National Authority regarding Critical Infrastructure Protection as well as the official Contact Point with the European Commission relevant authorities and the EU Member-States for the protection of the European Critical Infrastructures.

Experts from JRC and KE.ME.A. designed and delivered this program to over 160 high-ranking national stakeholders from the private and public sector, with the goal to enhance awareness regarding Critical Infrastructure’s security, resilience, interdependency and business continuity. More specifically, representatives of the Energy, Transportation and Communications Sector, of public authorities (Ministry of Interior and Administrative Reconstruction, Ministry of Health, Ministry of Environment and Energy, Ministry of Infrastructure, Transport and Networks, Ministry of Maritime and Island Policy, Ministry of Economy, Development and Tourism, General Secretariat of Information and Communication) and representatives of institutions and organizations, as well as independent authorities, were in attendance. The Dutch approach to Critical Infrastructure Protection was also presented by representatives of the Ministry of Security and Justice (Netherlands).

International Conference on “Challenging Terrorism”
9 September 2015, Glasgow

The JRC was invited to present at this conference on research activities being conducted at the EU level on security matters. During the second part of the Conference, which discussed how to meet the challenges of terrorism, the ERNCIP Office presented the current work underway on the Thematic Network on Critical Energy Infrastructure (TNCEIP), on the EU Incident and Threat Information Sharing Centre (ITIS-EUC), and on ERNCIP.

The conference, organised by Police Scotland, was very well supported, mainly from security agencies from the UK, with Australian, Canadian and US participants. Other speakers included the Justice Minister from the Scottish Government, the Chief Constable of Police Scotland, the Deputy Director of the UK Security Service, and the Deputy Under-secretary for Science and Technology of DHS, US.

Publications & Reports

ERNCIP thematic group Resistance of structures to explosion effects

Recommendations for the improvement of existing European norms for testing the resistance of windows and glazed façades to explosive effects
See full report at https://erncip-project.jrc.ec.europa.eu/