

EU-CIP NEWSLETTER

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Newsletter



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EU-CIP in a nutshell

Launched in October 2022, EU-CIP is an EU-funded project under Horizon Europe (GA ID: 101073878) which brings together 20 partners under the coordination of Engineering Spa to establish a **novel pan European knowledge network for Resilient Infrastructures**.

EU-CIP will thus enable policy makers to shape and produce data-driven evidence-based policies, while boosting the innovation capacity of Critical Infrastructures (CI) operators, authorities, and innovators (including SMEs). In this direction, EU-CIP partners have already established the **European Cluster for Securing Critical infrastructures (ECSCI)**, which brings together 31 projects that collaborate in CI Resilience.

EU-CIP will leverage the achievements of the ECSCI cluster to establish an EU-wide knowledge network with advanced analytical and innovation support capabilities.

Its main objectives are to:

- Enhance **Europe's analytical capability** regarding research outcomes, technologies, and policies - fostering data-driven evidence based policy and innovation development;
- Maximize the impact of R&I CIP/CIR activities in Europe through **innovation support and solution validation services**;
- **Establish a knowledge-hub** and create a vibrant ecosystem of interested and committed stakeholders around the project's results.

EU-CIP Consortium



This project has received funding from the European Union's Horizon Europe research and innovation programme under the grant agreement No 101073878.

2nd EU-CIP Annual Conference promotes “Reinventing Resilience: Innovating Critical Infrastructure for Tomorrow” for European Critical Infrastructure

Building on the success of its 2023 inaugural conference, the 2nd Annual EU-CIP Conference brought together over 80 participants, including policymakers, industry experts, researchers, and critical infrastructure operators. As part of CIPRE Week, it served as a platform for sharing innovative ideas, showcasing solutions, and addressing challenges in critical infrastructure protection (CIP).



Key Highlights:

Inspiring Keynotes: High-profile experts like Mr. Sebastian Serwiak and Mr. Giannis Skiadaresis (European Commission) highlighted the importance of aligning research with EU frameworks like CER and NIS2.

Interactive Panels: A roundtable led by Mr. Paolo Venturoni (EOS) explored innovative policies for resilient infrastructures, touching on cybersecurity and quantum technologies.

Innovative Solutions: The “EU-CIP Own Innovators’ Pool,” moderated by Marianna Charalambous (Innov-Acts), featured open-call winners presenting AI-based platforms and resilience-enhancing tools. Prof. Aleksandar Jovanovic facilitated discussions on EU Innovation Radar results.

Focus Groups: Six groups tackled sector-specific challenges in transport, energy, health, ICT, finance, and resilience, fostering actionable strategies and collaboration.



EU-CIP has successfully delivered the fourth edition of its series on Roadmaps, White Paper and Value Added Reports.

Deliverable D3.8 provides an aggregated analysis of key findings from past and ongoing security research initiatives on Critical Infrastructure (CI) and Entities (CE). It synthesizes insights from technological, industrial, legal, and ethical perspectives, highlighting challenges, opportunities, and best practices for CI/CE security.

The report offers a **state-of-the-art overview**, future trends, and lessons learned, serving as a periodic update on EU-CIP's progress. It supports stakeholders with actionable insights to enhance security, foster collaboration, ensure compliance, and drive innovation.

Part of the EU-CIP roadmap series (D3.5-D3.10), it focuses on intelligent, predictive, and collaborative CIP/CIR solutions to address challenges like hybrid cyber-physical attacks and emerging vulnerabilities. Recommendations include integrated measures for advancing security, regulatory compliance, and strategic resource allocation.

The report also highlights **AI's dual role in CIP**, presented during a recent webinar, with resources and recordings available on the **EU-CIP Knowledge Hub**. Future activities include additional webinars and an open-access book.

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D3.8 - Roadmaps, White Paper and Value Added Reports v4

Work Package: WP3
Lead partner: DLR

Author(s): Tim H. Stefkens-Koebch (DLR), Emilia Gugliandolo (ENG), John Soldatos and Marianna Charalambous (INSNOV), Aleksandar Jovanović (eEU-VEI), Habtamu Abie (NRS), Sandeep Pithulal (NRS), Ilias Gkotsis and Lennart Walter Laasberg (OC A winners), Jelena Levak (OC A winner), Rita Ugarelli (SINTEF).

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Commercialisation one-on-one mentoring offerings

As part of Inlecom Commercial Pathway's contribution to the EU-CIP project, we have offered a series of (domain agnostic) webinars dealing with how to assess the market, defining the business problem being resolved, aligning the solutions with one's business planning, and moving one's ideas to the market and supporting the resulting business, including managing intellectual property.

These webinars, which are available on **YouTube** and are linked in a series of **training modules on the EU Knowledge Hub**, have been complimented by practice and training templates which are also available from the Hub. The aim is for those parties involved in the CIP/CIR domain who are interested in commercialising their innovations or want a better understanding of the business development process can view the webinars, complete the templates, and then approach the Inlecom experts for more domain-specific discussions. These discussions, in the form of one-on-one mentoring sessions, are aimed at answering any questions that may have arisen from the webinars or templates, better clarify the concepts presented, and provide further guidance to those wishing to move onto the next stage in commercialising their developments.

In particular, the successful applicants for the recent open call type B will be specifically invited, given that exploring means of exploiting their solutions is a fundamental aspect of the call. All of the feedback from the webinars, the training materials, and the mentoring sessions will be used to adapt the next round of training which is expected to start in late **January/February 2025**. The training modules themselves can be found under the EU-CIP Course folder of the training courses on the EU Knowledge Hub, namely:

- Go to Market & Business Supports
- Solution Alignment and Business Planning
- Market Assessment and Problem Definition

For all interested, please contact **Kevin Fleming (kevin.fleming@inlecomsystems.com)** and **Colin Keogh (colin.keogh@inlecomsystems.com)** to arrange a mentoring session or to understand more what is available via the training courses on the Hub.



EU-CIP presented and represented

The EU-CIP project has been proudly showcased by various partners across multiple high-profile meetings, highlighting its innovative contributions to **critical infrastructure protection and resilience**:

- Our partner **EDF** has successfully participated to the '**Energy and Utilities Cyber Security Forum 2024**' (Amsterdam, Nov 27-28), giving an overview of the work done in the EU-CIP project
- The EU-CIP project was presented during the **Nicosia Risk Forum**, held in Cyprus on December 4-5, 2024. Represented by Marianna Charalambous, Project Manager at **Innov-Acts Ltd**, the project was showcased during the session on Disaster Resilient Societies, chaired by Dr. Michalis Papamichael. The session highlighted cutting-edge initiatives in critical infrastructure resilience, positioning EU-CIP as an important initiative in fostering a pan-European CIP/CIR knowledge network.
- **EU-CIP, ATLANTIS and ECSCI** organised a joint Webinar on December 10th, to explore how EU R&D Projects shape standards and policies in **Critical Infrastructure Protection**. ([Recording here](#))



Consortium:

- Engineering – Ingegneria Informatica SPA (ENG), Italy
- Deutsches Zentrum für Luft und Raumfahrt EV (DLR), Germany
- GFT Italia SRL (GFT), Italy
- Inov instituto de engenharia de sistemas e computadores inovacao (INOV), Portugal
- Inlecom commercial pathways company limited by guarantee (ICP), Ireland
- SINTEF AS (SIN), Norway
- Steinbeis EU-VRI GMBH (EU-VRI), Germany
- Stowarzyszenie Polska Platforma bezpieczeństwa wewnętrznego (PPHS), Poland
- Laurea – Ammattikorkeakoulou oy (LAU), Finland
- Innov - Acts Limited (INNOV), Cyprus
- Norks Regnesentral (NRS), Norway
- European Organisation for Security (EOS), Belgium
- Katholieke Universiteit Leuven (KUL), Belgium
- Fstechnology SPA (FST), Italy
- Athens International Airport S.A (AIA), Greece
- Fundacion de la Comunidad Valenciana para la investigacion, promocion y estudios comerciales de Valenciaport (FV), Spain
- Orange Romania (ORO), Romania
- Electricité de France (EDF), France
- Leonardo Societa per Azioni (LDO), Italy

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