

Critical Infrastructure Resilience: News, Updates and Events

Newsletter



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Introduction

Dear Colleague,

The European Commission is glad to publish the second Critical Infrastructure Resilience newsletter of 2023 and inform you of news, activities and events carried out across EU and beyond on critical entities and the infrastructure they rely on. The Russian aggression against Ukraine continues to also dominate the critical infrastructure policy agenda.

International cooperation with key partners is one of the most important assets we have in that regard. Therefore, President von der Leyen had announced together with NATO Secretary General Stoltenberg in January the **EU-NATO Task Force on the Resilience of Critical Infrastructure**, which was launched on 16 March 2023. It will further promote reciprocal awareness of respective work, the sharing of best practices, and will identify synergies and further areas for cooperation. The Task Force focuses on the energy, digital infrastructure, transport and space sectors and will deliver a first report in July. It will further promote reciprocal awareness of respective work, the sharing of best practices, and will identify synergies and further areas for cooperation.

Following the sabotage of the Nord Stream pipelines, the Council adopted a [Recommendation](#) on a Union-wide coordinated approach to strengthen the resilience of critical infrastructure on 8 December 2022. One key priority to enhance preparedness is the conduct of **stress tests** of entities operating critical infrastructure based on common principles at EU level, starting with the energy sector. A recent stick taking at the level of the Council working party and several technical follow-up discussions have shown that the stress tests are progressing well and it is very likely they will be completed until the end of the year. This further shows the ability of Member States and Commission services to cooperate and react quickly.

In the same light, the Recommendation included an invitation of the Council for the Commission to make a proposal for **a Blueprint for a coordinated response to disruptions of critical infrastructure with significant cross-border relevance**. The Blueprint will set out objectives, processes and tools to be used in case of incidents that disrupt critical infrastructure and the provision of essential services with significant cross-border relevance. It will facilitate cooperation between the EU Member States, EU institutions, bodies, offices and agencies particularly on response.

There are many recent developments that concern the holistic cross-sectoral and cross-border resilience of critical infrastructure and the supply chains they rely on. This edition of the newsletter features projects, reports, and key conferences both at EU and international level.

The newsletter is a joint effort of the European Commission's Directorate-General Migration and Home Affairs (**HOME**) and Joint Research Centre (**JRC**).

WE WANT TO HEAR FROM YOU!

If you work or are interested in the area of critical infrastructure resilience, get in touch and share any interesting information by [emailing us](#).

Happy reading,

The Editorial Team



News from the EU

A Space Strategy for Security and Defence for a more resilient EU

The Space Strategy proposes actions to strengthen the resilience and protection of space systems and their ground infrastructure in the EU, building on a common definition of the space domain.

[more](#)



EU updates Maritime Security Strategy against new threats

The updated Maritime Security Strategy promotes international peace and security, as well as respect for international principles, to safeguard the maritime domain against new threats.

[more](#)



The Union Secure Connectivity Programme enters into force

The new EU Secure Connectivity Programme aims at deploying the satellite constellation 'IRIS²' for a multi-orbital communication infrastructure, complementing national and European capacities.

[more](#)



EU outlines Disaster Resilience Goals

The Commission establishes common goals to prevent, prepare for and respond to natural and man-made disasters with multi-country transboundary effects, including the disruption of critical infrastructures.

[more](#)



News from outside EU

NATO stands up Undersea Infrastructure Coordination Cell

NATO announces the creation of a Critical Undersea Infrastructure Coordination Cell. It will leverage innovative technologies, facilitating engagement with industry, key military and civilian stakeholders.

[more](#)



USA announces the new National Cybersecurity Strategy

USA releases the National Cybersecurity Strategy to secure the full benefits of a safe and secure digital ecosystem. It also supports national security, public safety, and economic prosperity.



[more](#)

UK Infrastructure Bank Bill becomes law

This Act provides funding for projects to boost clean energy, improve transport links, expand digital infrastructure, and improve water and waste processing.



[more](#)

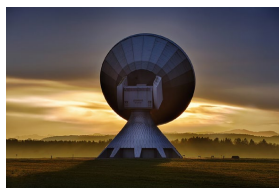
Australia presents the Critical Infrastructure Resilience Strategy 2023

The Strategy provides the high-level policy direction that underpins Australia's approach to critical infrastructure resilience. It also deepens industry-government partnerships to ensure support to the CI community.



[more](#)

Networks & Cooperation



EU exercise on Space Threat Response Architecture 2023

The exercise tested and enhanced the EU's response to threats, ranging from cyber-attacks on space and ground segments to spoofing or jamming satellite signals.

[more](#)



Launch of the EU-NATO Task Force on CI

EU and NATO launched the first meeting of the Task Force for Resilient Critical Infrastructure to reinforce common security.

[more](#)

An enhanced methodology to detect EU strategic dependencies



This analysis provides evidence based solutions to the EU's open strategic autonomy and supply chains as well as to strengthen the EU's internal industrial capacity.

[more](#)

EU-CIP project: European knowledge-hub and policy testbed for CIP



EU-CIP project establishes a pan-European knowledge network for resilient critical infrastructures. It will enable policy makers to shape and produce data-driven policies, while boosting CI innovation capacity.

[more](#)

Numerical simulation for hostile vehicle mitigation



The European Commission strives to establish a robust methodology for assessing the performance of vehicle security barriers through numerical simulations.

[more](#)

Study on the Critical Raw Materials for the EU 2023



The study presents the results of the fifth technical assessment 2023 of critical raw materials for the EU. It is based on economic importance and supply risk criteria.

[more](#)

Assessing Alternative Positioning, Navigation and Timing services for CI



European CI depend on the Global Satellite Navigation Systems. The test campaign identified and characterised alternative mature technologies, providing independent position and/or timing services.

[more](#)

Mall-CBRN project in support of large-scale venues



The project aims to produce a security gaps analysis to identify vulnerabilities and needs of protection systems, including response to CBRN threats affecting large indoor areas.

[more](#)

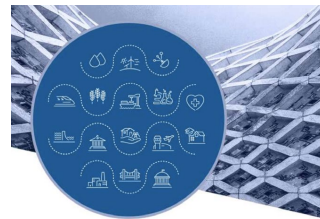
Reports & Perspectives



Security by Design: effective protection against terrorism threats

The European Commission has published a Security by Design handbook to give useful information on how to apply it when designing and building public spaces.

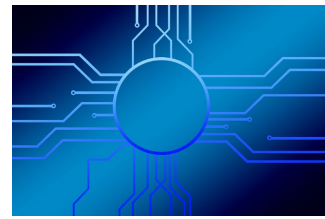
[more](#)



Handbook for implementing the principles for resilient infrastructure

The Handbook aims to improve infrastructure resilience at a system level. It also provides with key actions, interventions and indicators to facilitate the implementation.

[more](#)



CISA's Cross-Sector Cybersecurity Performance Goals

The goals are a prioritized subset of cybersecurity practices aimed at reducing risks to critical infrastructure operations. These goals are informed by the most common and impactful threats and adversary tactics.

[more](#)



US Marine Transportation System Resilience Assessment Guide

The guide provides a discussion of key objectives for assessments, including a framework and methodology for conducting resilience assessments within the marine transportation system.

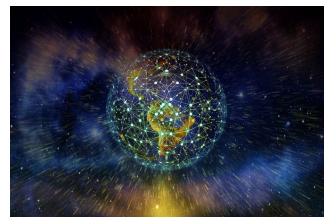
[more](#)



ENISA Foresight Cybersecurity Threats for 2030

This study aims to identify and collect information on future cybersecurity threats that could affect the Union's infrastructure and services.

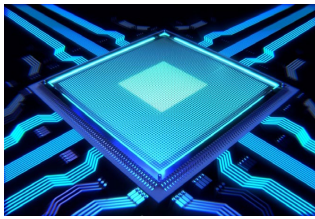
[more](#)



NATO Science and Technology Trends Report

The report analyses new and emerging technologies, emphasizing their adoption which may affect critical infrastructure resilience, among others.

[more](#)



Annual Threat Assessment of the US Intelligence Community

The report examines the spectrum of threats and highlight the most likely and impactful future risks, targeting US critical infrastructures among others.

[more](#)



Perspective Insight: CI disruption & Hybrid Threats escalation potential

The possibility of widespread covert attacks or sabotage against CI of democratic countries, makes necessary to weigh up authoritarian states' capability and potential conflict escalation through hybrid threat activity.

[more](#)



Hybrid Threats: A Comprehensive Resilience Ecosystem

The report examines resilience against hybrid threats. It points out how to build it systemically considering dependencies and interdependencies between the different parts of society.

[more](#)

Past Initiatives & Main Outcomes

2nd ECSCI Workshop on CIPR: Consolidated Proceedings

The workshop presented the different approaches on integrated security in several CI sectors which have been discussed by the ECSCI project cluster and gathered into consolidated proceedings.



[more](#)

PRAETORIAN live demonstration on cross-border scenario for CI

In March 2023, the first pilot demonstration of the PRAETORIAN platform was conducted. It was based on a cross border CI scenario including cyber-physical attacks, bioterrorism and drone attacks affecting an EU airport.



[more](#)

Podcast Series

NATO Deep Dive

NATO platform provides commentary on international security and defence, counter-terrorism, and geopolitical current events.

[more](#)

The Infrastructure Show

The podcast presents challenge related to priorities placed on service effectiveness, efficiency and safety of infrastructure.

[more](#)

Upcoming Events

Call for Horizon Europe - INFRA 2023

A new call for tenders in Cluster 3 (INFRA) will be opened soon. The call for Horizon Europe will focus on supporting operators against cyber and non-cyber threats to reinforce the resilience of critical infrastructures as well as on facilitating strategic cooperation to ensure the provision of essential services.



date

29/06/2023 - 23/11/2023



See also

[Website](#)

[more](#)

International Conference on Critical Information Infrastructures Security (CRITIS 2023)

CRITIS 2023 brings forth innovative research on critical information infrastructures protection C(I)IP, exploring ideas that address challenges to resilience and societal safety & security, and fostering dialogue with stakeholders.



date

13/09/2023 - 15/09/2023



venue

Helsinki, Finland



Organiser

Laurea University of Applied Sciences



See also

[Website](#)

[more](#)

SAFE SEMINAR - Counter-UAV and CIP

SAFE and its partners are pleased to announce the 4th edition of the SAFE SEMINAR, Counter-UAV and critical infrastructures protection. This event focuses on critical sites protection for civilian and urban markets, and will highlight Counter-UAV technologies.

	date	17/10/2023 - 18/10/2023
	venue	Le Castellet airport, France
	See also	Website

[more](#)

ESReDA Seminar on Resilience Assessment: Methodological challenges and applications to CI

The 63rd ESReDA seminar will be a forum for exploring resilience topic in CI domain. It aims to discuss concepts and experiences of resilience assessment methodologies and applications.

	date	25/10/2023 - 26/10/2023
	venue	Ispra (VA), Italy
	Organiser	Joint Reseach Centre and ESReDA
	See also	Website

[more](#)

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