



University of Rijeka, Faculty of Maritime studies

PROJECT ACRONYM AND TITLE: ATLANTIS – Improved resilience of Critical Infrastructures Against Large scale transNational and sysTemic rISks

FUNDING PROGRAMME: Horizon Europe

PERSON RESPONSIBLE: Dražen Žgaljić

FINANCIAL DATA

Project total cost	Overall funding assigned to PFRI
€9.998.538,00	€123.750,00

SUMMARY

Reliable, robust, and resilient operation of Critical Infrastructures (CI) is a pre-requisite for the integrity of vital elements in our society as well as the security, well-being, and economic prosperity of Europe, its citizens and businesses. EU Security Union Strategy for the period 2020-2025 identifies the protection of CI as one of the main priorities for the EU and its Member States. However, CIs have become very complex, operating in a rapidly evolving societal, technological and business environment. ATLANTIS aims at enhancing resilience and Cyber-Physical-Human (CPH) security of the key European Critical Infrastructures (ECI), going beyond the scope of distinct assets, systems, and single CI, by addressing resilience at the systemic level against major natural hazards and complex attacks that could potentially disrupt vital functions of the society. The project includes 39 European partners, which mission is to improve the resilience and the protection capabilities of interconnected ECI exposed to evolving systemic risks due to existing and emerging large-scale, combined, cyber-physical threats and hazards, guarantee the continuity of operations, while minimizing cascading effects in the infrastructure itself, the environment, other CIs, and the involved population, enabling public and private actors to meet current and emerging challenges by adopting sustainable security solutions. ATLANTIS will offer security to cross-CI, cross-sector, cross-border interdependent ECIs by considering the complete infrastructure as a distributed, large scale Cyber-Physical System (CPS) and System of Systems, calling for combined and integrated security management. Its sustainability and acceptance does not only target economic impact in a cost-benefit analysis and financial business continuity, but also considers environmental and societal impact both by actually offering cybersecurity and ECI protection from system risks but also by offering the feeling of security to EU citizens. ATLANTIS will also consider a novel Preventive Security as a Service (PSaaS) business model to offer protective services against (natural or manmade) short term incidents and risks or longer systemic threats.

Start date	End date
01.10.2022.	30.09.2025.

PARTNERSHIP

No.	Partner organization	Country	Role
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1	ENGINEERING – INGEGNERIA INFORMATICA SPA	IT	Lead partner
2	CS GROUP - FRANCE	FR	Partner
3	SIXENSE ENGINEERING	FR	Partner
4	INTRASOFT INTERNATIONAL SA	LU	Partner
5	SINGULARLOGIC ANONYMI ETAIREIA PLIROFORIAKON SYSTIMATON KAI EFARMOGONPLIROFORIKIS	EL	Partner
6	TELEKOM SLOVENIJE DD	SI	Partner
7	SIEMENS SRL	RO	Partner
8	SYNELIXIS LYSEIS PLIROFORIKIS AUTOMATISMOU & TILEPIKOINONION ANONIMI ETAIRIA	EL	Partner
9	NetU Consultants Ltd	CY	Partner
10	BYTE COMPUTER ANONYMI VIOMICHANIKIEMPORIKI ETAIREIA	EL	Partner
11	Snep d.o.o.	SI	Partner
12	ATHENS TECHNOLOGY CENTER ANONYMI VIOMICHANIKI EMPORIKI KAI TECHNIKI ETAIREIA EFARMOGON YPSILIS TECHNOLOGIAS	EL	Partner
13	CYBERCRIME RESEARCH INSTITUTE GMBH	DE	Partner
14	LUKA KOPER, PORT AND LOGISTIC SYSTEM, D.D.	SI	Partner
15	Port of Rijeka Authority	HR	Partner
16	Druzba za avtoceste v Republiki Sloveniji, d.d.	SI	Partner
17	SLOVENSKE ZELEZNICE DOO	SI	Partner
18	PETROL SLOVENSKA ENERGETSKA DRUZBA DD LJUBLJANA	SI	Partner
19	FSTECHNOLOGY SPA	IT	Partner
20	JRC CAPITAL MANAGEMENT CONSULTANCY & RESEARCH GMBH	DE	Partner
21	SIA SPA	IT	Partner
22	DIAGNOSTIKON KAI THERAPEFTIKON KENTRON ATHINON YGEIA ANONYMOS ETAIREIA	EL	Partner
23	TECNOSITAF SPA CON UNICO SOCIO	IT	Partner
24	SERVICE DEPARTEMENTAL INCENDIE ET SECOURS DE LA SAVOIE	FR	Partner
25	KENTRO MELETON ASFALIAS	EL	Partner
26	INSTITUT ZA KORPORATIVNE VARNOSTNE STUDIJE LJUBLJANA	SI	Partner
27	EUROPEAN UNION SATELLITE CENTRE	ES	Partner
28	INSTITUT JOZEF STEFAN	SI	Partner
29	POMORSKI FAKULTET U RIJECI	HR	Partner



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30	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR	Partner
31	ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	EL	Partner
32	FONDAZIONE LINKS – LEADING INNOVATION & KNOWLEDGE FOR SOCIETY	IT	Partner
33	FUNDACION CENTRO DE TECNOLOGIAS DE INTERACCION VISUAL Y COMUNICACIONES VICOMTECH	ES	Partner
34	MINISTERE DE L'INTERIEUR	FR	Partner
35	MINISTRSTVO ZA INFRASTRUKTURO	SI	Partner
36	Urad Vlade Republike Slovenije za informacijsko varnost	SI	Partner
37	REPUBLIC OF SRPSKA – MINISTRY OF INTERIOR	BA	Partner
38	HELLENIC POLICE	EL	Partner
39	MINISTERO DELL'INTERNO	IT	Partner

WEBSITE: -

ADDITIONAL INFO:

PFRI project team members:

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- Edvard Tijan