

Συνοπτικός Κατάλογος

07/10/2021

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1	Πρόγραμμα:	EDF-European Defence Fund Action	Προθεσμία Υποβολής
	Τίτλος:	Call for proposals 2021 - Cyber threat intelligence and improved cyber operational capabilities (EDF-2021-CYBER-R)	
	Κωδικός:	EDF-2021-CYBER-R	09/12/2021
	Ερευνητικές Περιοχές:	Τεχνολογίες Πληροφορικής & Επικοινωνιών, Ασφάλεια	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR DEFENCE INDUSTRY (DG DEFIS)	
	Ημερομηνία Δημοσίευσης:	09/09/2021	
	Υποπροσκλήσεις:	ΊχΟ	
2	Πρόγραμμα:	Digital, Industry and Space	Προθεσμία Υποβολής
	Τίτλος:	Call for proposals 2021 - A Digitised, Resource-Efficient and Resilient Industry 2021 (HORIZON-CL4-2021-RESILIENCE-02)	
	Κωδικός:	HORIZON-CL4-2021-RESILIENCE-02	25/01/2022
	Ερευνητικές Περιοχές:	Υλικά, Τοπική ανάπτυξη, Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION	
	Ημερομηνία Δημοσίευσης:	16/09/2021	
	Υποπροσκλήσεις:	ΊΟχι	
3	Πρόγραμμα:	Mission-driven Research	Προθεσμία Υποβολής
	Τίτλος:	Call for proposals 2021 - Support the deployment of lighthouse demonstrators for the New European Bauhaus initiative in the context of Horizon Europe missions (HORIZON-MISS-2021-NEB-01)	
	Κωδικός:	HORIZON-MISS-2021-NEB-01	25/01/2022
	Ερευνητικές Περιοχές:	Περιβάλλον, Κατασκευές, Ενέργεια	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION	
	Ημερομηνία Δημοσίευσης:	28/09/2021	
L	Υποπροσκλήσεις:	ΊΟχΟ	

Τμήμα Προγραμματισμού, Παρακολούθησης Έργων & Ερευνητικών Αποτελεσμάτων - Μ.Ο.Δ.Υ. Ε.Λ.Κ.Ε. Δ.Π.Θ. Τηλ.: 25310 39080, 25410 79459

email: proposals@rescom.duth.gr - https://rescom.duth.gr



Συνοπτικός Κατάλογος

07/10/2021

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4	Πρόγραμμα:	Research Infrastructures	Προθεσμία Υποβολής
	Τίτλος:	Call for proposals 2021 - Developing and consolidating the European research infrastructures landscape, maintaining global leadership 2021 (HORIZON-INFRA-2021-DEV-02)	
	Κωδικός:	HORIZON-INFRA-2021-DEV-02	20/01/2022
	Ερευνητικές Περιοχές:	Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός, Εκπαίδευση - Κατάρτιση	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION	
	Ημερομηνία Δημοσίευσης: Υποπροσκλήσεις:	30/09/2021 Όχι	
5	Πρόγραμμα:	Euratom Research and Training Programme	Προθεσμία Υποβολής
	Τίτλος:	Call for proposals 2021 - SOFT Innovation Prize (EURATOM-2021-SOFT-Prize)	
	Κωδικός:	EURATOM-2021-SOFT-Prize	18/01/2022
	Ερευνητικές Περιοχές:	Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός, Ενέργεια	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION	
	Ημερομηνία Δημοσίευσης:	15/09/2021	
	Υποπροσκλήσεις:	Όχι	
6	Πρόγραμμα:	COSME 2021-2027	Προθεσμία Υποβολής
	Τίτλος:	Call for proposals 2021 - EU SME Centre in China – phase IV (SMP-COSME-2021-SMECC)	
	Κωδικός:	SMP-COSME-2021-SMECC	24/11/2021
	Ερευνητικές Περιοχές:	Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EISMEA - EUROPEAN INNOVATION COUNCIL AND SMES EXECUTIVE AGENCY	
	Ημερομηνία Δημοσίευσης:	16/09/2021	
	Υποπροσκλήσεις:	Όχι	

Αναλυτικός Κατάλογος

07/10/2021

1 Πρόγραμμα: EDF-European Defence Fund Action

Tiτλος: Call for proposals 2021 - Cyber threat intelligence and improved cyber operational

capabilities (EDF-2021-CYBER-R)

Κωδικός: EDF-2021-CYBER-R

Ερευνητικές Περιοχές: Τεχνολογίες Πληροφορικής & Επικοινωνιών, Ασφάλεια

Δικαιούχοι: Νομικά Πρόσωπα

Φορέας Κοινοποίησης: EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR DEFENCE INDUSTRY (DG

DEFIS)

Ημερομηνία Δημοσίευσης: 09/09/2021

Προθεσμία Υποβολής: 09/12/2021

Περίληψη Πρόσκλησης:

Objectives:

This call seeks proposals that help increase the level of automation in incident management and cyber defence activities through the use AI. In this setting, the engagement of state-of-the-art AI methods should be used to automate incident management and cyber defence activities, including incident detection and response, carried out by security operation centres (SOCs), and cyber defence teams (or similar entities) when they detect and analyse events and determine what actions to take.

Modern SOCs are sometimes equipped with security orchestration, automation and response (SOAR) capabilities that allows human operators to respond to attacks with predefined "playbooks" designed to mitigate ongoing attacks, e.g. by disabling user accounts or reconfigure firewalls, where AI-based solutions seem applicable.

AI can, for instance, be used to complement rule-based detection methods (e.g. through deep learning), to enhance alarms from detection systems using threat intelligence feeds, extract actionable intelligence from the enormous amount of monitoring data and events, correlate alarms with other information to identify attack patterns, automatically respond to events based on the analysis, and recommend actions to human operators. Recent studies unveil that more than two thirds of the organisations included in the studies acknowledge that they are not able to respond to critical threats without AI.

Actions:

The proposals must cover the following activities:

- Activities aiming to create, underpin and improve knowledge, products and technologies, including disruptive technologies, which can achieve significant effects in the area of defence;
- Activities aiming to increase interoperability and resilience, including secured production and exchange of data, to master critical defence technologies, to strengthen the security of supply or to enable the effective exploitation of results for defence products and technologies;

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Αναλυτικός Κατάλογος

07/10/2021

- Studies, such as feasibility studies to explore the feasibility of new or improved technologies, products, processes, services and solutions
- Design of defence products, tangible or intangible component or technology as well as the definition of the technical specifications on which such design has been developed which may include partial tests for risk reduction in an industrial or representative environment.

This call covers the following topics:

- EDF-2021-CYBER-R-CDAI: Improving cyber defence and incident management with artificial intelligence (EDF-2021 - European Defence Fund Action)

Περισσότερα: https://bit.ly/2ZJIybI

Αναλυτικός Κατάλογος

07/10/2021

2 Πρόγραμμα: Digital, Industry and Space

Tiτλος: Call for proposals 2021 - A Digitised, Resource-Efficient and Resilient Industry 2021

(HORIZON-CL4-2021-RESILIENCE-02)

Κωδικός: HORIZON-CL4-2021-RESILIENCE-02

Ερευνητικές Περιοχές: Υλικά, Τοπική ανάπτυξη, Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός

Δικαιούχοι: Νομικά Πρόσωπα

Φορέας Κοινοποίησης: EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION

Ημερομηνία Δημοσίευσης: 16/09/2021

Προθεσμία Υποβολής: 25/01/2022

Περίληψη Πρόσκλησης:

Objectives:

Proposals for topics under this Destination should set out a credible pathway to contributing to the following expected impact of Cluster 4:

- Industrial leadership and increased autonomy in key strategic value chains with security of supply in raw materials, achieved through breakthrough technologies in areas of industrial alliances, dynamic industrial innovation ecosystems and advanced solutions for substitution, resource and energy efficiency, effective reuse and recycling and clean primary production of raw materials, including critical raw materials, and leadership in the circular economy.

The COVID-19 crisis has shown that global competitiveness and resilience are two sides of the same coin. Resilience is about more than the ability to withstand and cope with shocks; it is an opportunity to undergo transitions in a sustainable and fair way. As the EU gears up to becoming a climate-neutral, circular and competitive economy by 2050, resilience will require paying attention to new vulnerabilities as entire sectors undergo deep transformations while creating opportunities for Europe's industry to develop its own markets, products and services which boost competitiveness.

Research and innovation will be fundamental to spur industrial leadership and enhanced resilience. It will support the modernisation of traditional industrial models while developing novel technologies, business models and processes. This can enhance the flexibility of the EU's industrial base, and increase its resilience by reducing EU dependencies on third countries for critical raw materials and technologies.

In the first Work Programme, topics under Destination 2 'Increased autonomy in key strategic value chains for resilient industry' will tackle missing segments in strategic areas and value chains, to strengthen the EU's industrial base and boost its competitiveness and open strategic autonomy. In addition, it will explore how increased circularity has the potential to increase the open strategic autonomy of EU industry through the more efficient use of resources and secondary raw materials.

Αναλυτικός Κατάλογος

07/10/2021

This will be achieved through R&I activities focusing on four areas key for the resilience of EU industry:

- Raw materials: The EU is highly dependent on a few third countries for the (critical) raw materials it needs for strategic value chains (including e-mobility, batteries, renewable energies, pharmaceuticals, aerospace, dual-use and digital applications). In a context where demand is set to increase, these will remain, more than ever, a vital prerequisite for both Europe's open strategic autonomy and a successful transition to a climate-neutral and circular economy. Responding to the Critical Raw Materials action plan R&I activities will tackle the vulnerabilities in the entire EU raw materials value chain, from sustainable and responsible exploration, extraction, processing, recycling, contributing to building the EU knowledge base of primary and secondary raw materials and ensuring secure, sustainable and responsible access to (critical) raw materials.
- Advanced materials that are sustainable by design are needed to meet the challenges of climate neutrality, transition to a circular economy and a zero-pollution Europe, as well as broader benefits in many different applications. While chemical and related materials production is expected to double globally by 2030, this will largely take place outside Europe. To overcome its reliance on imports of basic chemicals and related materials, Europe needs to strengthen its capacity to produce and use chemicals in a sustainable and competitive way. In addition, it is necessary to continue work on an ecosystem, based on open innovation test beds (OITBs), which enables the rapid development, uptake and commercialisation of advanced materials. All actions should be guided by sustainable-by-design principles, i.e. environmental and health safety, circularity and functionality.
- Circular value chains: to complement the circular technologies in Destination 1, further technological and non-technological elements (such as business models and the traceability of products) are necessary in the transition to novel low-emission and circular industrial value chains.
- Preparedness of businesses/smes/startups: European companies, and in particular SMEs, have shown a chronic lagging behind the US and China in the uptake of new, and especially digital, technologies.

To achieve these wider effects, unprecedented investments in re- and upskilling are central to supporting the green and digital transitions, enhancing innovation and growth potential, fostering economic and social resilience and ensuring quality employment and social inclusion. This is why activities planned under Destination 6 "A human-centred and ethical development of digital and industrial technologies" will also contribute to the objectives of a more resilient industrial base. Further, as industrial leadership and resilience are two sides of the same coin, activities targeting industrial leadership are a key factor in the EU's long-term industrial resilience. This is why activities supported under Destination 1 'Climate neutral, circular and digitised production' and Destination 3 'World leading data and computing technologies' that further ensure Europe's productivity growth and competitiveness are also key to safeguarding its open strategic autonomy and resilience.

In addition, activities beyond R&I investments will be needed, in particular in terms of synergies with the European Innovation Council and Pillar III of Horizon Europe given the strong role of SMEs in the development of the innovations planned.

Αναλυτικός Κατάλογος

07/10/2021

Synergies will also be sought to access blended funding and finance from other EU programmes notably under InvestEU; testing and deployment activities under the Digital Europe Programme (DEP); links to the EIT (Raw Materials and Digital KICs); links with the Single Market programme to promote entrepreneurship and the creation and growth of companies and links to the thematic smart specialisation platform on industrial modernisation.

In line with the European Green Deal objectives, research and innovation activities should comply with the 'do no significant harm' principle[[as per Article 17 of Regulation (EU) No 2020/852 on the establishment of a framework to facilitate sustainable investment (EU Taxonomy Regulation)]]. Compliance needs to be assessed both for activities carried out during the course of the project as well as the expected life cycle impact of the innovation at a commercialisation stage (where relevant). The robustness of the compliance must be customised to the envisaged TRL of the project. In this regard, the potential harm of Innovation Actions contributing to the European Green Deal will be monitored throughout the project duration.

Proposals for topics under this Destination should set out a credible pathway to contributing to increased autonomy in key strategic value chains for resilience industry, and more specifically to one or several of the following impacts:

- Resilient, sustainable and secure (critical) raw materials value chains for EU industrial ecosystems, in support of the twin green and digital transformations.
- New sustainable-by-design materials with enhanced functionalities and applications in a wide range of industrial processes and consumer products.
- Leadership in producing materials that provide solutions for clean, toxic/pollutant free environment, decarbonising industry, and safeguarding civil infrastructures.
- Leadership in circular economy that strengthens cross-sectorial cooperation along the value chain and enable SMEs to transform their activities and business models.
- Increased adoption of key digital and enabling technologies in industrial value chains and strategic sectors, paying particular attention to SMEs and start-ups.

Much of the research and innovation supported under this Destination may serve as a cradle for the New European Bauhaus: this is about designing sustainable ways of living, situated at the crossroads between art, culture, social inclusion, science and technology. This includes R&I on manufacturing, construction, advanced materials and the circular economy approaches.

Business cases and exploitation strategies for industrialisation: This section applies only to those topics in this Destination, for which proposals should demonstrate the expected impact by including a business case and exploitation strategy for industrialisation.

The business case should demonstrate the expected impact of the proposal in terms of enhanced market opportunities for the participants and enhanced manufacturing capacities in the EU, in the short to medium term. It should describe the targeted market(s); estimated market size in the EU and globally; user and customer needs; and demonstrate that the solutions will match the market and user needs in a cost-effective manner; and describe the expected market position and competitive advantage.

Αναλυτικός Κατάλογος

07/10/2021

The exploitation strategy should identify obstacles, requirements and necessary actions involved in reaching higher TRLs, for example: matching value chains, enhancing product robustness; securing industrial integrators; and user acceptance.

For TRLs 7-8, a credible strategy to achieve future full-scale manufacturing in the EU is expected, indicating the commitments of the industrial partners after the end of the project.

Activities beyond R&I investments will be needed to realise the expected impacts: these include the further development of skills and competencies (also via the European Institute of Innovation and Technology, in particular EIT Manufacturing); and the use of financial products under the InvestEU Fund for further commercialisation of R&I outcomes.

Where relevant, in the context of skills, it is recommended to develop training material to endow workers with the right skillset in order to support the uptake and deployment of new innovative products, services, and processes developed in the different projects. This material should be tested and be scalable, and can potentially be up-scaled through the European Social Fund Plus (ESF+). This will help the European labour force to close the skill gaps in the relevant sectors and occupational groups and improve employment and social levels across the EU and associated countries.

Actions:

This call covers the following topics:

- HORIZON-CL4-2021-RESILIENCE-02-32: Social and affordable housing district demonstrator (IA) (HORIZON-RIA - HORIZON Research and Innovation Actions)

Περισσότερα: https://bit.ly/3F56tm5

Αναλυτικός Κατάλογος

07/10/2021

3 Πρόγραμμα: Mission-driven Research

Tithoc: Call for proposals 2021 - Support the deployment of lighthouse demonstrators for the

New European Bauhaus initiative in the context of Horizon Europe missions

(HORIZON-MISS-2021-NEB-01)

Κωδικός: HORIZON-MISS-2021-NEB-01

Ερευνητικές Περιοχές: Περιβάλλον, Κατασκευές, Ενέργεια

Δικαιούχοι: Νομικά Πρόσωπα

Φορέας Κοινοποίησης: EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION

Ημερομηνία Δημοσίευσης: 28/09/2021

Προθεσμία Υποβολής: 25/01/2022

Περίληψη Πρόσκλησης: Objectives:

This action will contribute to the Delivery Phase of the NEB, by deploying mission-oriented pilot projects that will act as 'lighthouse demonstrators' across the territory of the European Union and Associated Countries. They should embrace the key principles of the NEB initiative (sustainability, inclusion and aesthetics), using architecture, design and culture as core resources for a sustainable society, and the mission-oriented approach (impactful, measurable, targeted) in an innovative and exemplary manner. They should address one or more relevant challenges that represent the wide scope of the NEB initiative, such as:

- Environmental and climate adaptation challenges, environmental and climate risks, prevention and resilience
- Economic and territorial changes linked to the green transition
- Social challenges (poverty, segregation, social exclusion, etc.)
- Challenges linked to the use, preservation and reconversion of existing infrastructure and heritage
- Demographic challenges (ageing, migration, depopulation, changes in property market due to tourism, etc.)

Actions:

This call covers the following topics:

- HORIZON-MISS-2021-NEB-01-01: Support the deployment of lighthouse demonstrators for the New European Bauhaus initiative in the context of Horizon Europe missions (HORIZON-CSA - HORIZON Coordination and Support Actions)

Περισσότερα: https://bit.ly/3zTEVfB

Αναλυτικός Κατάλογος

07/10/2021

4 Πρόγραμμα: Research Infrastructures

Tiτλος: Call for proposals 2021 - Developing and consolidating the European research

infrastructures landscape, maintaining global leadership 2021

(HORIZON-INFRA-2021-DEV-02)

Κωδικός: HORIZON-INFRA-2021-DEV-02

Ερευνητικές Περιοχές: Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός, Εκπαίδευση - Κατάρτιση

Δικαιούχοι: Νομικά Πρόσωπα

Φορέας Κοινοποίησης: EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION

Ημερομηνία Δημοσίευσης: 30/09/2021

Προθεσμία Υποβολής: 20/01/2022

Περίληψη Πρόσκλησης: Objectives:

Proposals for topics under this destination should set out a credible pathway to

contributing to one or several of the following impacts:

- Disruptive research and breakthrough science and innovation through cutting-edge,

interconnected and sustainable Research Infrastructures;

- Strengthened scientific excellence and performance and efficiency of the European Research Area, increasing its attractiveness to researchers from all over the world;

- Coordinated research infrastructure capacity among countries and regions, also by

exploiting possibilities given by the smart specialisation processes;

- Reinforced R&I capacities enabling systemic changes needed for a truly transformative societal and economic recovery and a strengthened resilience of critical sectors, as

outlined in the Recovery Plan;

Actions:

- Improved European response, in cooperation with international players, to emerging

socio-economic and related scientific and technological challenges at global level.

This call covers the following topics:

- HORIZON-INFRA-2021-DEV-02-01: Preparatory phase of new ESFRI research infrastructure projects (HORIZON-CSA - HORIZON Coordination and Support Actions)

- HORIZON-INFRA-2021-DEV-02-02: Consolidation of the research infrastructure landscape – Individual support for ESFRI projects (HORIZON-CSA - HORIZON

Coordination and Support Actions)

Περισσότερα: https://bit.ly/2ZOE1Vq

Αναλυτικός Κατάλογος

07/10/2021

5 Πρόγραμμα: Euratom Research and Training Programme

Tiτλος: Call for proposals 2021 - SOFT Innovation Prize (EURATOM-2021-SOFT-Prize)

Κωδικός: EURATOM-2021-SOFT-Prize

Ερευνητικές Περιοχές: Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός, Ενέργεια

Δικαιούχοι: Νομικά Πρόσωπα

Φορέας Κοινοποίησης: EUROPEAN COMMISSION - DIRECTORATE GENERAL FOR RESEARCH & INNOVATION

Ημερομηνία Δημοσίευσης: 15/09/2021

Προθεσμία Υποβολής: 18/01/2022

Περίληψη Πρόσκλησης:

Objectives:

The SOFT Innovation Prize is named after the biennial Symposium on Fusion Technology (SOFT) during which the recipients of the prize are presented. The SOFT Innovation Prize is being offered to highlight and reward excellence in innovation that can be found in fusion research as well as the quality of the researchers and industries involved. Following the success of first four editions of the SOFT Innovation Prize awarded by the Commission under Euratom Research and Training Programme 2014-2020 (in 2014, 2016, 2018 and 2020), the European Commission is holding the contest again in association with the next Symposium on Fusion Technology (SOFT) in 2022.

There are no specific categories for this prize. Contestants are free to submit an application concerning any physics or technology innovation that has been developed in magnetic confinement fusion research and that has market potential or has been taken up (or recognised) by industry to be further developed for the market.

Actions:

The applications will be evaluated and ranked against the following award criteria:

- Originality and replicability

- Technical excellence

- Economic impact and exploitation of the innovation

This call covers the following topics:

-EURATOM-2021-SOFT-Prize: SOFT Innovation Prize (EURATOM-PRIZE - EURATOM

Prizes)

Περισσότερα: https://bit.ly/3Abhpeh

Αναλυτικός Κατάλογος

07/10/2021

6 Πρόγραμμα: COSME 2021-2027

Tiτλος: Call for proposals 2021 - EU SME Centre in China – phase IV

(SMP-COSME-2021-SMECC)

Κωδικός: SMP-COSME-2021-SMECC

Ερευνητικές Περιοχές: Οικονομία - Επιχειρήσεις - Βιομηχανία - Τουρισμός

Δικαιούχοι: Νομικά Πρόσωπα

Φορέας Κοινοποίησης: EISMEA - EUROPEAN INNOVATION COUNCIL AND SMES EXECUTIVE AGENCY

Ημερομηνία Δημοσίευσης: 16/09/2021

Προθεσμία Υποβολής: 24/11/2021

Περίληψη Πρόσκλησης: Objectives:

The overall objective of the EU SME Centre is to provide a first line of advice to target SMEs willing to go on the Chinese market, to increase and diversify their knowledge acquisition, exports, imports and investments. In this regard, the Centre will continue to offer a set of business support services to help target SMEs overcome barriers and

constraints they face in their efforts to enter the Chinese market.

The EU SME Centre in China is expected to make efforts to reach a wider audience and to develop its activities vis-a-vis SMEs from EU and SMP COSME associated countries.

Actions:

This call covers the following topics:

- SMP-COSME-2021-SMECC-01: 2.9. EU SME Centre in China - phase IV (SMP-PJG - SMP

Project Grants)

Περισσότερα: https://bit.ly/2YhsLQK