#innovacion
#ayudascdti
#asesoramiento
#internacionalizacion

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Aspectos clave en la preparación de propuestas

Infoday nacional Clúster 3 - "Seguridad Civil para la Sociedad"

Programa Marco Horizonte Europa

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21 de junio de 2023

HORIZON EUROPE

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

Exclusive focus on defence research & development

- Research actions
- Development actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications

Pillar I
EXCELLENT SCIENCE

- European Research Council
- Marie Skłodowska-Curie
- Research Infrastructures

Pillar II
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre

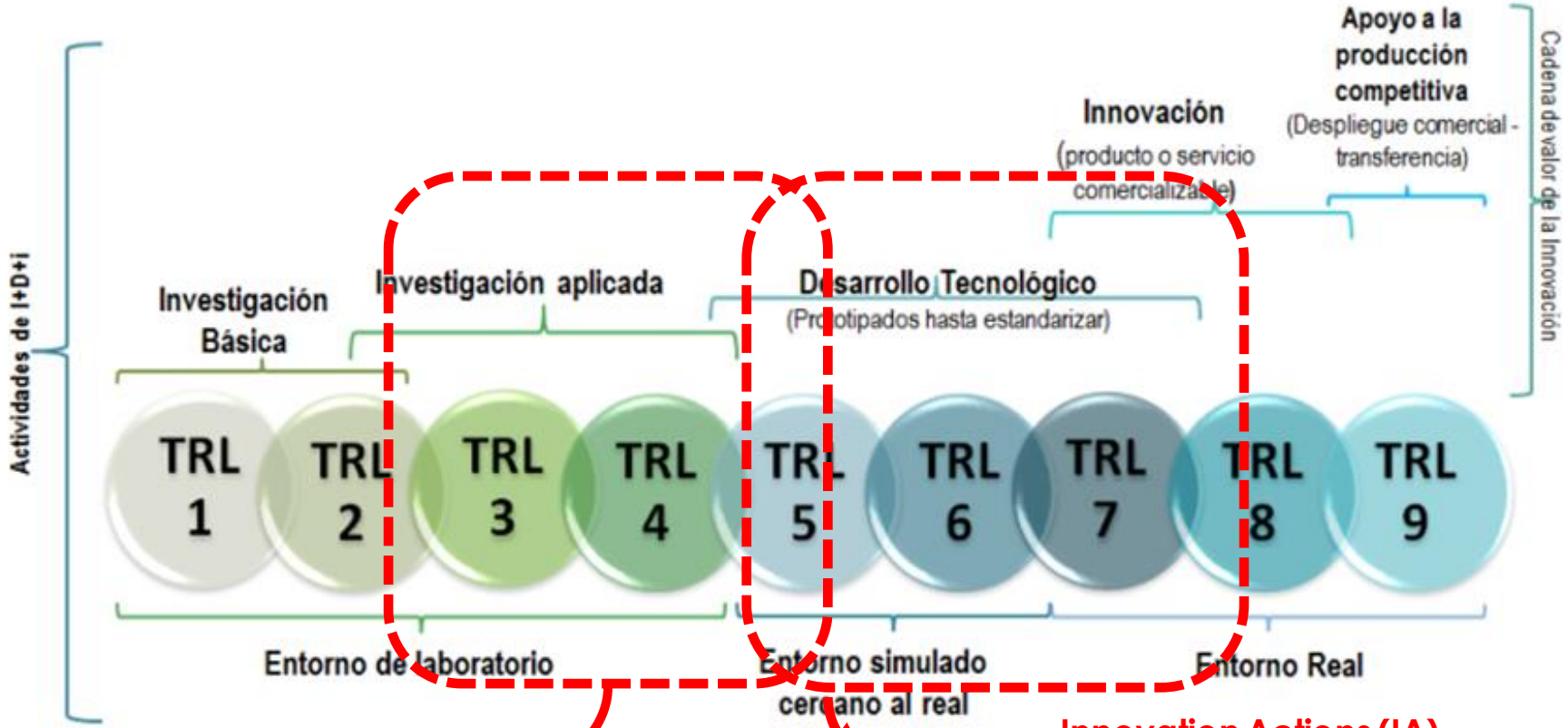
Pillar III
INNOVATIVE EUROPE

- European innovation Council
- European innovation ecosystems
- European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



Resarch & Innovation actions (RIA)

Upto 100% funding rate for all

Innovation Actions (IA)

Upto 100% for Non-Profit & upto 70% for profit

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Habíamos visto…

Principales características del programa…

- ✓ **“Challenge-driven”:** El programa se enfoca en desarrollar capacidades basadas en investigación y tecnologías aplicadas.→ **La mayoría de topics “top-down”**

- ✓ Los **usuarios finales** de seguridad **DEBEN participar en las propuestas** (condiciones de elegibilidad **OBLIGATORIAS**)

- ✓ Implicación de la **sociedad civil** → **Asociaciones, ONGs, Voluntarios,…**

- ✓ **Algunos proyectos pueden ser clasificados** por contener, generar o utilizar (background/foreground) información sensible desde el punto de vista de seguridad! → Más información durante los **infodays oficiales (nacional/EU)** y la **jornada de preparación/revisión de propuestas** (típicamente, cerca del cierre de la call)… o en **consultas bilaterales**!

- ✓ Los proyectos a financiar también deben pasar un escrutinio de **aspectos éticos!**

Otros aspectos de interés…

- **Proyectos cercanos a mercado** (TRL 4 a 8)
- Aplicación **civil exclusivamente**, aunque con posible uso dual
- **Pilotos, demostraciones, "test-beds" en entornos reales o semi-reales**

HORIZON-CL3-2023-FCT-01-02: A harmonized European forensics approach on drugs analysis

Ejemplo de CONDICIONES DE ELEGIBILIDAD

Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 4.50 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR 9.00 million.
Type of Action	Innovation Actions
Eligibility conditions	The conditions are described in General Annex B. The following exceptions apply: The following additional eligibility criteria apply: This topic requires the active involvement, as beneficiaries, of at least 2 Police Authorities[12] and 2 forensic institutes from at least 3 different EU Member States or Associated Countries. For these participants, applicants must fill in the table "Information about security practitioners" in the application form with all the requested information, following the template provided in the submission IT tool. To ensure a balanced portfolio, grants will be awarded to applications not only in order of ranking but at least also to one project that is the highest

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Additional eligibility conditions (1/2)

The participation of practitioners (or other categories of participants) is a **mandatory** criterion in many **FCT, DRS, BM, INFRA, SSRI** topics.

Pay attention – where applicable – to the detailed footnotes:

"In the context of this Destination, ***'Police Authorities'*** *means public authorities explicitly designated by national law, or other entities legally mandated by the competent national authority, for the* ***prevention, detection and/or investigation of terrorist offences or other criminal offences****,* ***specifically excluding police academies, forensic institutes, training facilities as well as border and customs authorities****."*

Additional eligibility conditions (2/2)

INFORMATION ABOUT SECURITY PRACTITIONERS

(To be filled in for the consortium and uploaded as part of the application for the topics where this is required in the Work Programme. Mention only the participants with practitioner status.)

INFORMATION ABOUT SECURITY PRACTITIONERS			
Project name and acronym:	[project title] — [acronym]		
Participant number and short name *(same as on Submission System screens)*	**Category of practitioner** *(police authority, first-responder, fire-brigade, etc.)*	**Department/ service/ units that will contribute**	**In which role(s) will the participant contribute to the action? How does this serve the aim of the eligibility condition as outlined in topic conditions?**
[number] — [short name]			
[number] — [short name]			
[number] — [short name]			

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Artificial intelligence (1/2)

Attention with the ethical aspects and, i.e., software accountability, potential ethical biases, etc..

- Experts must answer an additional question as part of their individual evaluations on whether the activities proposed involve the **use and/or development of AI-based systems and/or techniques**.
- The aim is to bring to **experts' attention** that they must **assess the technical robustness** of the proposed AI-system as part of the excellence criterion (if applicable).
- Also the answer to this question aims at ensuring a **proper follow-up** of any aspects related to **Artificial Intelligence** in projects funded under Horizon Europe.

Under Horizon Europe, the technical robustness* of the proposed AI based systems is evaluated under the excellence criterion.

(*) Technical robustness refers to technical aspects of AI systems and development, including resilience to attack and security, fullback plan and general safety, accuracy, reliability and reproducibility.

P.e., topic HORIZON-CL3-2023-CS-01-03

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Artificial intelligence (2/2)

Trustworthy Artificial Intelligence

Due diligence is required regarding the trustworthiness of all AI-based systems/ techniques used or developed in projects funded under Horizon Europe.

Under Horizon Europe, the technical robustness* of the proposed AI based systems must be evaluated under the excellence criterion.

(*) Technical robustness refers to technical aspects of AI systems and development, including resilience to attack and security, fullbac
general safety, accuracy, reliability and reproducibility.

AI-based systems or techniques should be, or be developed to become:

- **Technically robust**, **accurate and reproducible**, and able to deal with and inform about possible failures, inaccuracies and er
  proportionate to the assessed risk posed by the AI-based system or technique.
- **Socially robust**, in that they duly consider the context and environment in which they operate.
- **Reliable and function as intended**, minimizing unintentional and unexpected harm, preventing unacceptable harm and safe
  the physical and mental integrity of humans.
- Able to provide a suitable explanation of its **decision-making process**, whenever an AI-based system can have a significant
  people's lives.

file:///F:/W72/CCAAs/2021/03Jun_EVALUATION/ai_hleg_ethics_guidelines_for_trustworthy_ai-en_87F84A41-A6E8-F38C-BFF661481B40077B_60419.pdf

Gender dimension in R&I content (1/3)

Gender Dimension

Addressing the gender dimension in research and innovation entails taking into account sex and gender in the whole research & innovation process.

The integration of the gender dimension into R&I content is mandatory, unless it is explicitly mentioned in the topic description

Why is gender dimension important?

- Why do we observe differences between women and men in infection levels and mortality rates in the COVID-19 pandemic?
- Does it make sense to study cardiovascular diseases only on male animals and on men, or osteoporosis only on women?
- Does it make sense to design car safety equipment only on the basis of male body standards?
- **Is it responsible to develop AI products that spread gender and racial biases due to a lack of diversity in the data used in training AI applications?**
- Is it normal that household travel surveys, and thus mobility analysis and transport planning, underrate trips performed as part of caring work?
- Did you know that pheromones given off by men experimenters, but not women, induce a stress response in laboratory mice sufficient to trigger pain relief?
- And did you know that climate change is affecting sex determination in a number of marine species and that certain populations are now at risk of extinction?

Gender Equality Plan (2/3)

For calls with deadlines in 2022 and onwards, having a Gender Equality Plan (GEP) will be an eligibility criterion for all public bodies, higher education institutions and research organisations from EU Member States and associated countries wishing to participate in Horizon Europe.

Mandatory requirements for a GEP

1. Be a public document
2. Have dedicated resources
3. Include arrangements for data collection and monitoring
4. Be supported by training and capacity-building

Gender Equality Plan (3/3)

Five thematic areas are recommended for content:

1. **Work-life balance** and organisational culture
2. **Gender balance in leadership** and decision-making
3. **Gender equality in recruitment** and career progression
4. Integration of the **gender dimension into research** and teaching content
5. **Measures against gender-based violence** including sexual harassment

The Commission's gender equality strategy: https://ec.europa.eu/info/research-and-innovation/strategy/strategy-2020-2024/democracy-and-rights/gender-equality-research-and-innovation_en

Horizon Europe guidance on gender equality plans: https://op.europa.eu/en/publication-detail/-/publication/ffcb06c3-200a-11ec-bd8e-01aa75ed71a1

The Gender Equality Plan eligibility criterion in Horizon Europe: Who is concerned? How to comply with it? (23 June 2022) (europa.eu)

Frequently Asked Questions: https://ec.europa.eu/info/sites/default/files/research_and_innovation/strategy_on_research_and_innovation/documents/ec_rtd_gep-faqs.pdf

Dual use and Exclusive focus on civil applications

P.e., topic HORIZON-CL3-2023-BM-01-02

- Participants will have to confirm, as part of the **declarations in proposal part A** that the proposal has an exclusive focus on civil applications. Activities intended to be used in military application or aiming to serve military purposes cannot be funded.
- In H2020 the assessment of the '**dual use**' and '**exclusive focus on civil applications**' was part of the ethics review of the proposal.
- **In Horizon Europe:**
  - the assessment on '**exclusive focus on civil applications'** aspects is carried out by the technical evaluators in the form of additional question to their individual assessment of proposals.
  - For '**dual use**', we do not ask an additional question for experts in the evaluation. The declaration mentioned above will be sufficient with no further checks in evaluation or grant management.
- See also: guidance-note-research-focusing-exclusively-on-civil-applications_he_en.pdf (europa.eu)

The approach to follow for the question on 'exclusive focus on civil applications' is the same as the process for activities not eligible for funding. Opinion of experts indicating if removing the activities that do not have an exclusive focus on civil applications would lead to lower evaluation scores.

El principio “Do no significant harm (DNSH)”

European Green Deal

In line with the European Green Deal objectives, the research and innovation activities should not make a significant harm to any of the six environmental objectives (EU Taxonomy Regulation)

The DNSH principle needs to be taken into consideration in the scientific methodology and impact of the project. However, compliance is not mandatory unless explicitly stated.

The six environmental objectives to which no significant harm should be done:

- Climate change mitigation
- Sustainable use & protection of water & marine resources
- Pollution prevention & control
- Climate change adaptation
- Transition to a circular economy
- Protection and restoration of biodiversity & ecosystems

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The Ethics Issues Table

1. Human Embryonic Stem Cells (hESC) and Human Embryos (hE)
2. Human participants
3. Human cells / tissues
   - ! Including foetal cells/tissues
4. Personal data
5. Animals
6. Non-EU countries
7. Environment & Health and Safety
8. **Artificial Intelligence – NEW!**
9. Other ethics issues
10. **Crosscutting issue: potential misuse of results***
11. ~~**Exclusive focus on civil applications**~~
12. ~~**Dualuse**~~

P.e., topic HORIZON-CL3-2023-BM-01-03

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Ethics in your proposal / project (2/4)

- Explain how ethics issues will be addressed
  - →Describe the ethical and legal requirements applicable to your activities and how they will be met
- List appropriate documents that will be provided/kept on file as evidence
  - →!! Depending on the call: possibility to submit additional information and/or supporting documents in separate annex to **Part B**
- Applications should be 'Ethics Ready'

Application Forms

Proposal ID **XXXXXXXXX** *Acronym* **XXXXXXX**

4 – Ethics and Security

Ethics issues table

This table should be completed as an essential part of your proposal. Please go through the table and indicate which elements concern your proposal by answering 'Yes' or 'No'. If you answer 'Yes' to any of the questions,
- *indicate in the adjacent box at which page in your full proposal further information relating to that ethics issue can be found, and*
- *provide additional information on that ethics issue in the Ethics Self-Assessment section.*

For more information on each of the ethics issues and how to address them, including detailed legal references, see the guidelines 'How to Complete your Ethics Self-Assessment'.

1. HUMAN EMBRYONIC STEM CELLS AND HUMAN EMBRYOS			Page
Does this activity involve Human Embryonic Stem Cells (hESCs)?		○ Yes ○ No	
If **YES**:	Will they be directly derived from embryos within this project?	○ Yes ○ No	
	Are they previously established cells lines?	○ Yes ○ No	
	Are the cell lines registered in the European registry for human embryonic stem cell lines?	○ Yes ○ No	
Does this activity involve the use of human embryos?		○ Yes ○ No	
If **YES**:	Will the activity lead to their destruction?	○ Yes ○ No	

4. PERSONAL DATA				Page
Does this activity involve processing of personal data?			○ Yes ○ No	
If **YES**:	Does it involve the processing of special categories of personal data (e.g.: sexual lifestyle, ethnicity, genetic, biometric and health data, political opinion, religious or philosophical beliefs)?		○ Yes ○ No	
	If **YES**:	Does it involve processing of genetic, biometric or health data?	○ Yes ○ No	
		Does it involve profiling, systematic monitoring of individuals, or processing of large scale of special categories of data or intrusive methods of data processing (such as, surveillance, geolocation tracking etc.)?	○ Yes ○ No	
Does this activity involve further processing of previously collected personal data (including use of preexisting data sets or sources, merging existing data sets)?			○ Yes ○ No	
Is it planned to export personal data from the EU to non-EU countries?			○ Yes ○ No	
If **YES**:	Specify the type of personal data and countries involved:			
Is it planned to import personal data from non-EU countries into the EU or from a non-EU country to another non-EU country?			○ Yes ○ No	
If **YES**:	Specify the type of personal data and countries involved			

to complete
Example, not to

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Ethics in your proposal / project (3/4)

3 questions to **identify** the Ethics Issues:

1. What are the **research objectives?** (e.g., study of vulnerable populations)
2. What is the **research methodology?** (e.g., interventional clinical trial, laboratory experiment, genetic modification of animals, intervention in natural environment, analysis of personal data, etc.)

   ! What **materials / sources** are used and **how** are these obtained? (e.g., iPSC, video recordings, radioactive isotopes, etc.)
3. What is the **potential impact** of the research? (e.g., environmental damage, animal welfare, population stigmatization, etc.)

Ethics in your proposal / project (4/4)

Ethics Self-Assessment

- In the 'how-to' you can find:
  - Brief explanation of the ethics issues (humans, human cells and tissues, animals, artificial intelligence, …), how to address them, **the information and documents** to provide.
  - Reference to background documents & further guidance, e.g.:
    - Note on ethics and data protection
    - TRUST Global code of conduct for research in resource-poor settings
    - Guidance note — Research on refugees, asylum seekers and migrants

EU Grants

How to complete your ethics self-assessment

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/how-to-complete-your-ethics-self-assessment_en.pdf

Especial atención en estos momentos de formación de consorcios…

Partners de UK en tu consorcio (1/2)…

Sobre la participación de UK en HE: ESTA SEMANA HA HABIDO UNA EXTENSION HASTA EL 30-Sep-2023 → Se les considera como un País Asociado a nivel de propuesta y si llegada la firma del GA, no se ha firmado el acuerdo de asociación de UK a HE, entonces se convierten en *Associated Partners.* → Resumen de las principales FAQs públicas:

- ***How is my existing HE project affected by the current uncertainty over UK association to HE?***

  The delay in completing the UK's association to Horizon Europe is causing uncertainty within the UK research community. The **UK Government's Horizon Europe guarantee** ensures that those who have successfully bid for funding through Horizon Europe **calls with a closing date before the end of June 2023** will receive their funding from UK Research and Innovation (UKRI). More information on how to apply for the guarantee is available on the UKRI website.

- ***Should I apply for upcoming HE calls?***

  Yes. UKRI echoes the UK Government's encouragement of UK-based researchers and innovators to continue to apply for Horizon Europe calls. **The guarantee will cover successful applications and in-flight applications will be assessed domestically if the UK does not associate and if the assessment is not completed by the EU**. Similarly, European partners should continue to work with UK participants as usual on collaborative project bids. **UK-based entities are still eligible to apply as project coordinators while the UK is expected to become an associated country**.

  UK-based researchers are eligible to apply for **European Research Council (ERC) grants, Marie Skłodowska Curie Actions (MSCA) Postdoctoral Fellowships, and European Innovation Council calls**. If the UK's association is not confirmed in time for them to sign a Horizon Europe grant agreement, the UK Government's Horizon Europe guarantee will cover successful UK-based researchers and innovators to stay in (or move to) the UK to carry out their work as planned, providing that the call closes before a decision not to associate is taken. If the call closes after this point and the EU does not complete the assessment of UK-based applications, the UK Government has promised to finish the assessment process and provide funding for successful bids domestically.

- ***How can UK participate in HE calls that open after UK non-association is confirmed?***

  In the event of non-association, UK-based entities can continue to participate in Horizon Europe calls that are open to Third Country Participation. In practice, UK researchers can apply as third country participants as part of consortia with at least three other applicants from EU member states or associated countries, provided they bring their own funding. **The UK government has confirmed that it will fund all eligible UK entities participating in such consortia signing grant agreements on or before 31 March 2025**. In this scenario UK researchers would not be eligible to coordinate projects.

  If the UK does not associate to Horizon Europe, and the Pioneer package of programmes is implemented, the UK Government has confirmed that UK entities will be able to apply to calls within Horizon Europe, which are open to **Third Country Participation (TCP) by 31 March 2025**. By October 2024, the UK Government will consult with the science, research, innovation and technology sector on what the long-term vision for TCP will be.

Partners de UK en tu consorcio (2/2)…

Horizon Europe Guarantee scheme newly extended to support UK R&D

The government has announced an extension to **the support provided to UK Horizon Europe applicants until the end of September 2023**.

- Government extends Horizon Europe Guarantee scheme to end of September 2023, continuing to protect funding for UK, researchers, businesses, and innovators
- UKRI has issued grants worth over £1 billion since the scheme was originally launched in November 2021
- our priority is to give the UK's R&D sector the maximum level of support to continue their ground-breaking research and collaboration with international partners

[…]

The guarantee will be in place to cover all Horizon Europe calls that close on or before 30 September 2023. Eligible, successful applicants to Horizon Europe will receive the full value of their funding at their UK host institution for the lifetime of th eir grant.
Science and Technology Secretary Chloe Smith said:

> *This extension offers certainty to our world-class researchers that they will receive the support they need to continue their ground-breaking work, building on the over £1 billion in support awarded so far, while negotiations over association to Horizon Europe remain ongoing.*
> *Successful awardees do not need to leave the UK to receive this funding, which will provide reassurance for future collaborations, and support UK researchers whether association is confirmed, or otherwise.*
> *The government remains in discussion on the UK's involvement in EU research programmes and hopes that negotiations on Horizon Europe will be successful, as that is our preference. However, our participation must be fair for UK researchers, businesses and taxpayers and reflect the lasting impact of two years of EU delays to the UK's association. We will continue to engage with representatives across the business, research and innovation sector as these discussions progress.*
> *Our priority is to ensure the UK's R&D sector gets the maximum level of support to allow them to continue their ground-breaking research and collaboration with international partners, and the extension of the guarantee provides certainty for researchers while negotiations continue.*

Details regarding the scope and terms of the extension are available on the UKRI website.

ALGUNAS universidades húngaras en tu consorcio…

Establishment of a "substitute fund" for certain HU universities involved in Horizon Europe projects

Due to the Council Implementing Decision (EU) 2022/2506 of 15 December 2022, a group of (so **not all**) Hungarian universities operating as public interest trusts ("model changing universities") **can participate but cannot get funding** from Horizon Europe projects.

In order to maintain the R&I collaborations, a "**substitute fund"** of 5 billion HUF has been established via our funding agency, the National Research and Innovation Office.
With the help of these grants, the universities concerned can cover the costs related to their participation in Horizon Europe (and other centrally managed EU programmes).

The details are available in English on the following website →
https://nkfih.gov.hu/english/news-of-the-office/correct-interpretation

CONDICIONES ESPECIALES en que aplica el artículo 22.5…

Some EU funding programmes provide that, in addition to the standard eligibility conditions, **certain calls for proposals may further restrict participation ('restricted calls')** to:

- ❑ legal entities that are established in Member States and specified eligible countries (**type 1**);

and/or

- ❑ legal entities that are established in Member States and specifiied eligible countries **and controlled by Member States/Member States nationals and eligible countries/eligible country entities** (**type 2**).

Such restrictions are in principle allowed in the following programmes:

- ✓ **Digital Europe (DEP),** for actions under specific **objectives 1 (High Performance Computing), 2 (Artificial Intelligence) and 3 (Cybersecurity and Trust)** (Article 12(5)-(6) and 18(4) Digital Europe Regulation 2021/694);
- ✓ **European Defence Fund (EDF), for all actions** (Article 9 EDF Regulation 2021/697);
- ✓ **Horizon Europe (HE), for actions related to EU strategic assets, interests, autonomy or security** (Article 22(5) of Horizon Europe Regulation (EU) 2021/695).

CONDICIONES ESPECIALES en que aplica el artículo 22.5…
Dos situaciones potenciales:

- For **type 1 restrictions**, entities established in **ineligible third countries will not be eligible to participate.**

- For **type 2 restrictions**, **the ownership control assessment will be conducted to determine control.** → Furthermore, depending on the programme, Work programme or call document, **guarantees may be required if control by an (ineligible) third country, a third country entity or a third country national is confirmed.**

Who is concerned?

2. Which types of participants are targeted?

Both type 1 and type 2 restrictions in question are intended to cover entities participating in any capacity (as beneficiary, affiliated entity, associated partner, subcontractor or recipient of financial support to third parties). For EDF they also extend to sub-subcontractors[1].

The precise scope of participants will be set out in the call conditions.

The ownership control assessment check will permit to establish eligibility at the latest before any grants are signed.

In addition, beneficiaries must ensure that other participants follow the provisions in the Grant Agreement and call documents.

What EC is demanding in TYPE-2 cases?

Control will be assessed at the level of the ultimate ownership and control line and all intermediate layers (in case of indirect control).

The following elements will, in particular, be taken into account:

- ownership structure and specific rights;
- corporate governance;
- commercial links conferring control;
- financial links conferring control;
- other sources of control.

⚠ Public bodies (validated as such in the Funding & Tenders Portal Participant Register) will automatically be considered as controlled by their country.

HORIZON-CL3-2023-INFRA-01-01: Facilitating strategic cooperation to ensure the provision of essential services

Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 5.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR 5.00 million.
Type of Action	Innovation Actions
Eligibility conditions	The conditions are described in General Annex B. The following exceptions apply: The following additional eligibility criteria apply: This topic requires the active involvement, as beneficiaries, of at least 3 government authorities responsible for resilience on national level and / or for overseeing operators, from at least 3 different EU Member States. For these participants, applicants must fill in the table "Information about security practitioners" in the application form with all the requested information, following the template provided in the submission IT tool. If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used). In order to achieve the expected outcomes, and safeguard the Union's strategic assets, interests, autonomy, or security, namely to protect and to preserve the confidentiality of risk assessments and of the vulnerabilities of critical entities of Member States, participation is limited to legal entities established in Member States only. Proposals including entities established in countries other than EU Member States will be ineligible.

In call-2023 we have ONLY 1 topic with TYPE-1 case!

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https://eventos.cdti.es/ES/LosLunes_CDTI_SOST_Bruselas_sesion10

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Check if you are involving theses profiles in your TEAM!

Innovation manager / **transfer** manager

Data manager

Security manager

Knowledge manager / **dissemination** manager …

May be interesting to include Boards of Experts…

- ❑ Ethics board
- ❑ Security Board
- ❑ Customers / end-users board or any other kind of actors at the end of the chain… p.e., associations, NGOs, …
- ❑ SSH experts

P.e., topics HORIZON-CL3-2023-01-01
o bien HORIZON-CL3-2023-FCT-01-02

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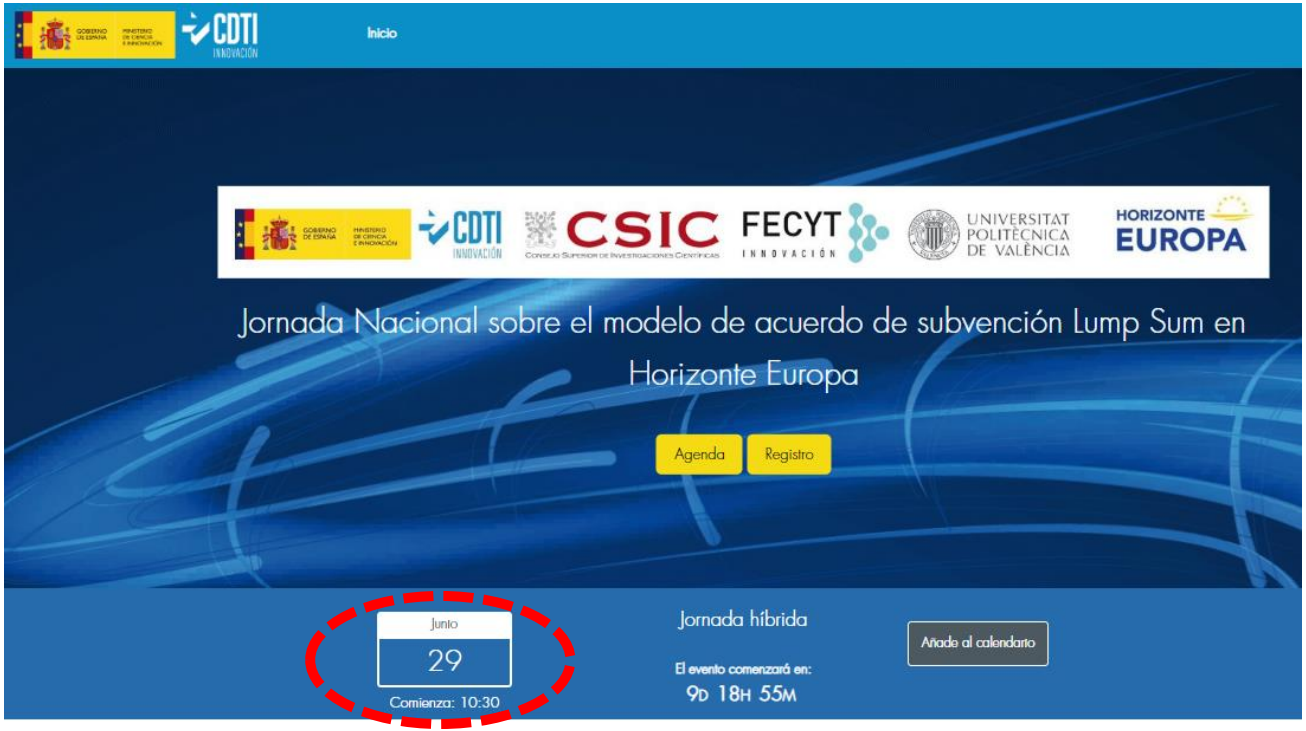
Dudas sobre Lump Sum?



Descripción:

El equipo de NCPs para temas legales y financieros de Horizonte Europa organiza una jornada monográfica sobre el modelo LUMP SUM en formato híbrido en la que contaremos con la experiencia de varios participantes en proyectos LUMP SUM y con la Comisión Europea para trasladar las últimas novedades y responder a todas las dudas relacionadas con la elaboración de propuestas y la implementación de este tipo de proyectos.

El evento será celebrado el jueves 29 de junio de 2023 en el Salón de Actos del Ministerio de Ciencia e Innovación (P.º de la Castellana, 162). Para todos aquellos que deseen participar vía online, se habilitará un enlace web, el cual les será enviado unos días después de su registro.

Para cualquier duda, no dudes en contactarnos a través de infodesk@sost.be

https://eventos.cdti.es/ES/JornadaNacional_LumpSum_Junio2023

Last but not least…

A tener en cuenta ANTES de ponerse a escribir…
límitaciones de formatos & páginas

- **All tables, figures, references and any other element pertaining to these sections must be included as an integral part of these sections and are thus counted against this page limit.** The number of pages included in each section of this template is only **indicative**
- The page limit will be applied automatically. **At the end of the document, you can see the structure of the actual proposal that you need to submit, please remove all instruction pages that are watermarked**
- If you attempt to upload a proposal longer than the specified limit before the deadline, you will receive an automatic warning and will be advised to shorten and re-upload the proposal
- After the deadline, **excess pages** (in over-long proposals/applications) **will be automatically made invisible** and will not be taken into consideration by the experts. The proposal is a self-contained document. Experts will be instructed to ignore hyperlinks to information that is specifically designed to expand the proposal, thus circumventing the page limit
- Please, **do not consider the page limit as a target**! It is in your interest to keep your text as concise as possible, since experts rarely view unnecessarily long proposals in a positive light

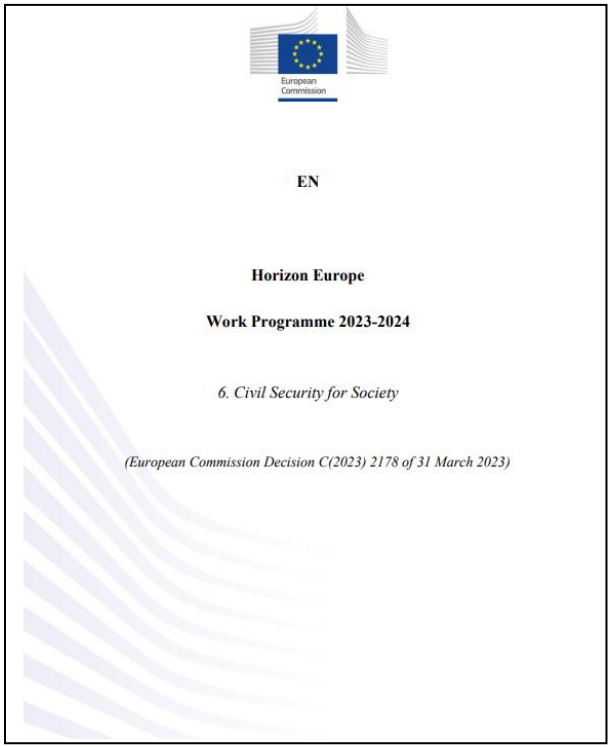
A tener en cuenta ANTES de ponerse a escribir… límitaciones de formatos & páginas

The following formatting conditions apply:

- The **reference font** for the body text of proposals is **Times New Roman** (Windows platforms), Times/Times New Roman (Apple platforms) or Nimbus Roman No. 9 L (Linux distributions).
- The use of a different font for the body text is not advised and is subject to the cumulative conditions that **the font is legible and that its use does not significantly shorten the representation** of the proposal in number of pages compared to using the reference font (for example with a view to bypass the page limit).
- **The minimum font size allowed is 11 points**. Standard character spacing and a minimum of single line spacing is to be used. This applies to the body text, including text in tables.
- Text elements other than the body text, such as **headers, foot/end notes, captions, formula's**, may deviate, but **must be legible**.
- The page size is A4, and **all margins** (top, bottom, left, right) **should be at least 15 mm** (not including any footers or headers).

Convocatoria 2023 Clúster 3

187 M€



EN

Horizon Europe

Work Programme 2023-2024

6. Civil Security for Society

(European Commission Decision C(2023) 2178 of 31 March 2023)

- **Fecha de cierre: 23 de Noviembre, 2023**, 5pm CET

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2023-2024/wp-6-civil-security-for-society_horizon-2023-2024_en.pdf

View available work programmes

2023 - 24

6 DECEMBER 2022
Horizon Europe Work programme (2023-24) - General introduction
English (1.48 MB - PDF) Download

6 DECEMBER 2022
Horizon Europe Work programme (2023-24) - EU Missions
English (1.69 MB - PDF) Download

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Horizon Europe Work programme (2023-24) - Cluster 1
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Horizon Europe Work programme (2023-24) - European Innovation Ecosystems
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English (1.79 MB - PDF) Download

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Horizon Europe Work programme (2023-24) - Infrastructures
English (1.36 MB - PDF) Download

6 DECEMBER 2022
Horizon Europe Work programme (2023-24) - WIDERA
English (1.51 MB - PDF) Download

6 DECEMBER 2022
Horizon Europe Work programme (2023-24) - Annexes
English (942.84 KB - PDF) Download

Horizon Europe work programmes

What work programmes are, what they cover, download available Horizon Europe work programmes.

PAGE CONTENTS

Work programmes under Horizon Europe

View available work programmes

Work programmes under Horizon Europe

Work programmes set out funding opportunities under Horizon Europe.

One specific programme under Horizon Europe is implemented through the following:

The main work programme

- Marie Skłodowska-Curie actions and research infrastructures under Pillar I
- all clusters under Pillar II
- European innovation ecosystems under Pillar III
- the part widening participation and strengthening the European Research Area

Other work programmes cover

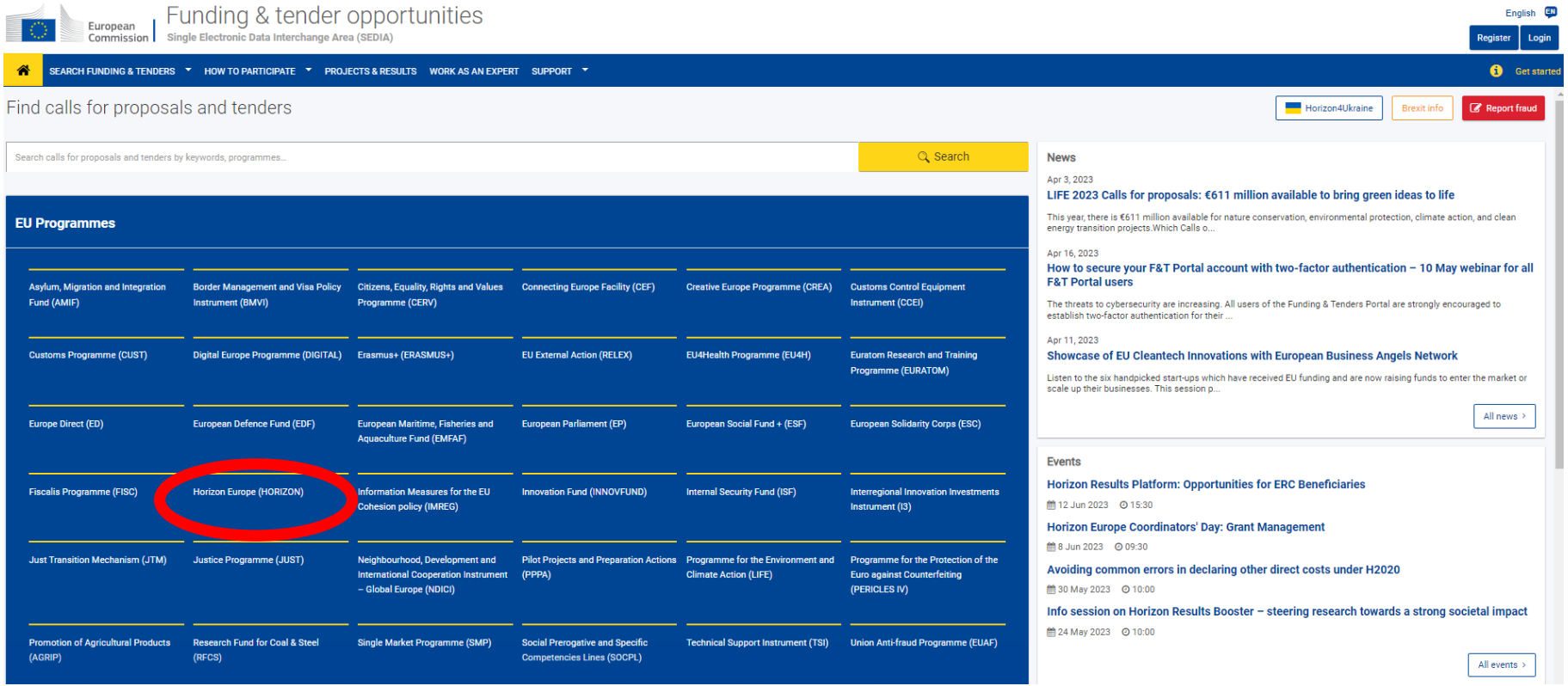
- European Research Council (ERC)
- Joint Research Centre (JRC)
- European Innovation Council (EIC)

A significant part of Pillar II of Horizon Europe will be implemented through institutionalised partnerships, particularly in the areas of Mobility, Energy, Digital and Bio-based economy, which will also have separate work programmes.

The activities of the European Institute of Technology (EIT) are set out in separate programming

https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/horizon-europe-work-programmes_en

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home



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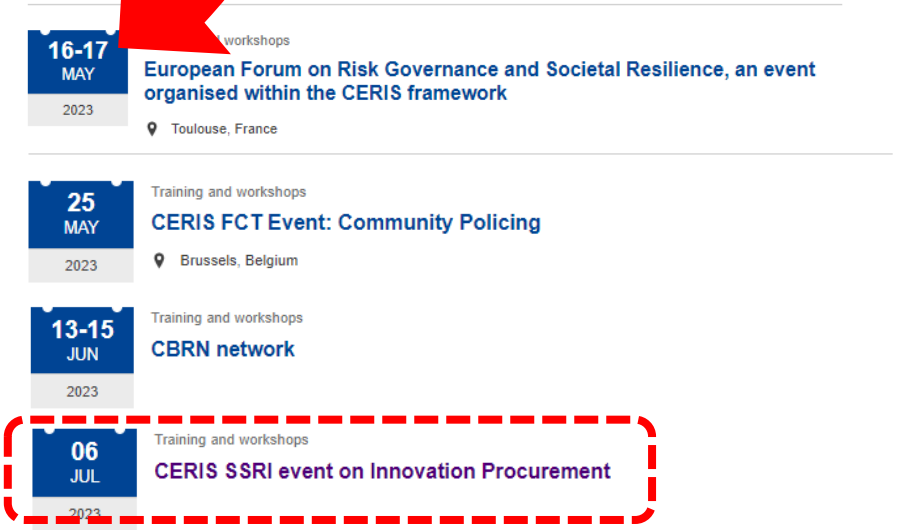
Dónde encontrar end-users internacionales…

CERIS - Community for European Research and Innovation for Security

Aiming to facilitate interactions within the security research community and users of research outputs, in 2014 the Commission established the **Community of Users for Safe, Secure and Resilient Societies (CoU), which gathered** around 1,500 registered stakeholders (policy makers, end-users, academia, industry and civil society) and regularly held thematic events with the security research community. Now named the **Community for European Research and Innovation for Security (CERIS)**, this platform continues and expands the work of the CoU, in light of the forthcoming Horizon Europe developments between 2021-2027.

https://home-affairs.ec.europa.eu/networks/ceris-community-european-research-and-innovation-security_en



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La semana pasada… mirad los “elevator pitches”!

Free

SMI2G

Security Mission Information & Innovation Group

2023 Brokerage Event

10 & 11 May

Campus Condorcet, Center de Colloques, Aubervilliers, Paris

10 **SMI2G - Security Mission Information & Innovation Group…**

Date: 10 May 2023 09:00 - 11 May 2023 17:00 CEST

Venue: Campus Condorcet - Centre de colloques, Place du Front Populaire, Aubervilliers, Paris

Add to calendar

https://www.cmine.eu/events/107590

SMI2G Brokerage 2023 Event

REGISTRATION IS OPEN, DEADLINE FOR PITCHES: 21 APRIL

The SMI2G brokerage event gathers European-wide innovators and practitioners who are looking for further consortium partners by presenting game-changing ideas and novel technologies addressing the challenges of the newly published Horizon Europe’s Civil Security for Society 2023-2024 Work Programme (link).

The SMI2G brokerage event is organized by: The EARTO Working Group Security and Defence research, the SEREN network, EOS, IMG-S, ECSO, CMINE and is supported by the Ministère de l’Enseignement Supérieur et de la Recherche, Campus Condorcet and ENLETS

EARTO Working Group Security & Defence Research

EOS European Organisation for Security

S5

Register for this event

How to contact the organiser

SMI2G Organisers
enquiries@smi2g.eu

Categories

Networking event

Share event

Share event

SMI2G-presentation-template_2023.potx

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Save the Date - Info Days for Horizon Europe Cluster 3 (Civil Security for Society) to take place on 27-28 June 2023 in Brussels

Through Horizon Europe Cluster 3 "Civil Security for Society", the European Commission funds research and innovation projects to address the challenges arising from persistent security threats. These projects relate to the fight against crime and terrorism, external and border security, disaster resilience, cybersecurity and the protection of critical infrastructure.

The European Commission adopted the Cluster 3 Work Programme 2023 – 2024 in December 2022, and then revised in March 2023 to increase available budget by €50 to add new research topics and fund more projects, over the next two years.

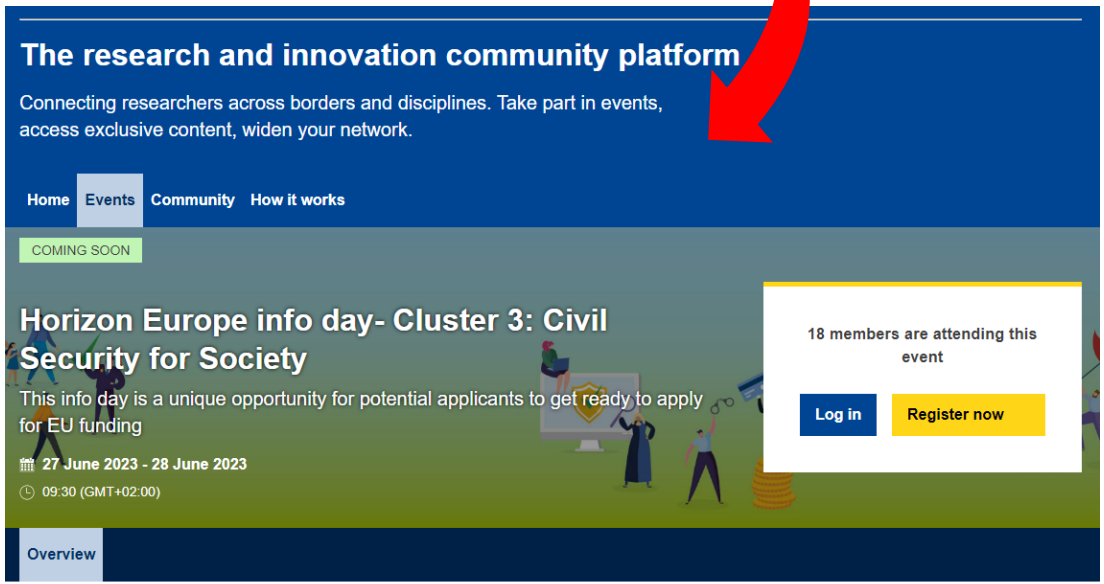
The Calls for proposals under the Work Programme 2023 are now due to open on 29 June this year.

Researchers who wish to know more about the different research topics and the application procedure, including the legal and financial aspects to be taken into consideration, are invited to participate to the yearly "Cluster 3 Info Days and Brokerage Event" on 27 and 28 June 2023 respectively, in Brussels.

security research

27 June 2023, 09:30 CEST - 28 June 2023, 17:00 CEST

Country Belgium



https://home-affairs.ec.europa.eu/whats-new/events/save-date-info-days-horizon-europe-cluster-3-civil-security-society-take-place-27-28-june-2023-2023-06-27_en

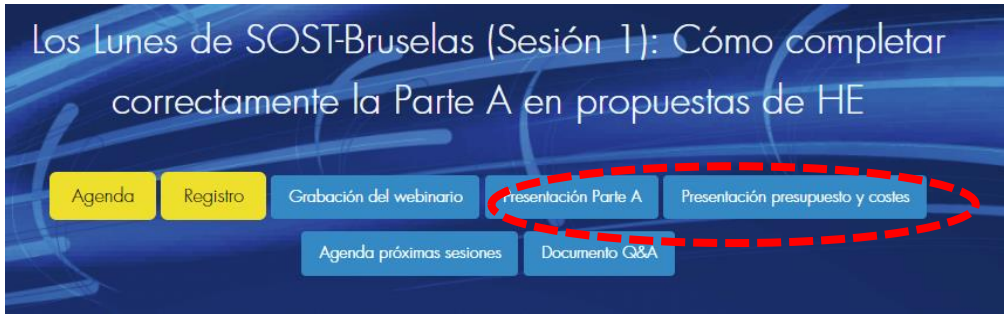
Grupo: Horizonte Europa Clúster 3 “Seguridad civil para la sociedad”

www.horizonteeuropa.es

marina.cdti@sost.be
maite.boyero@cdti.es

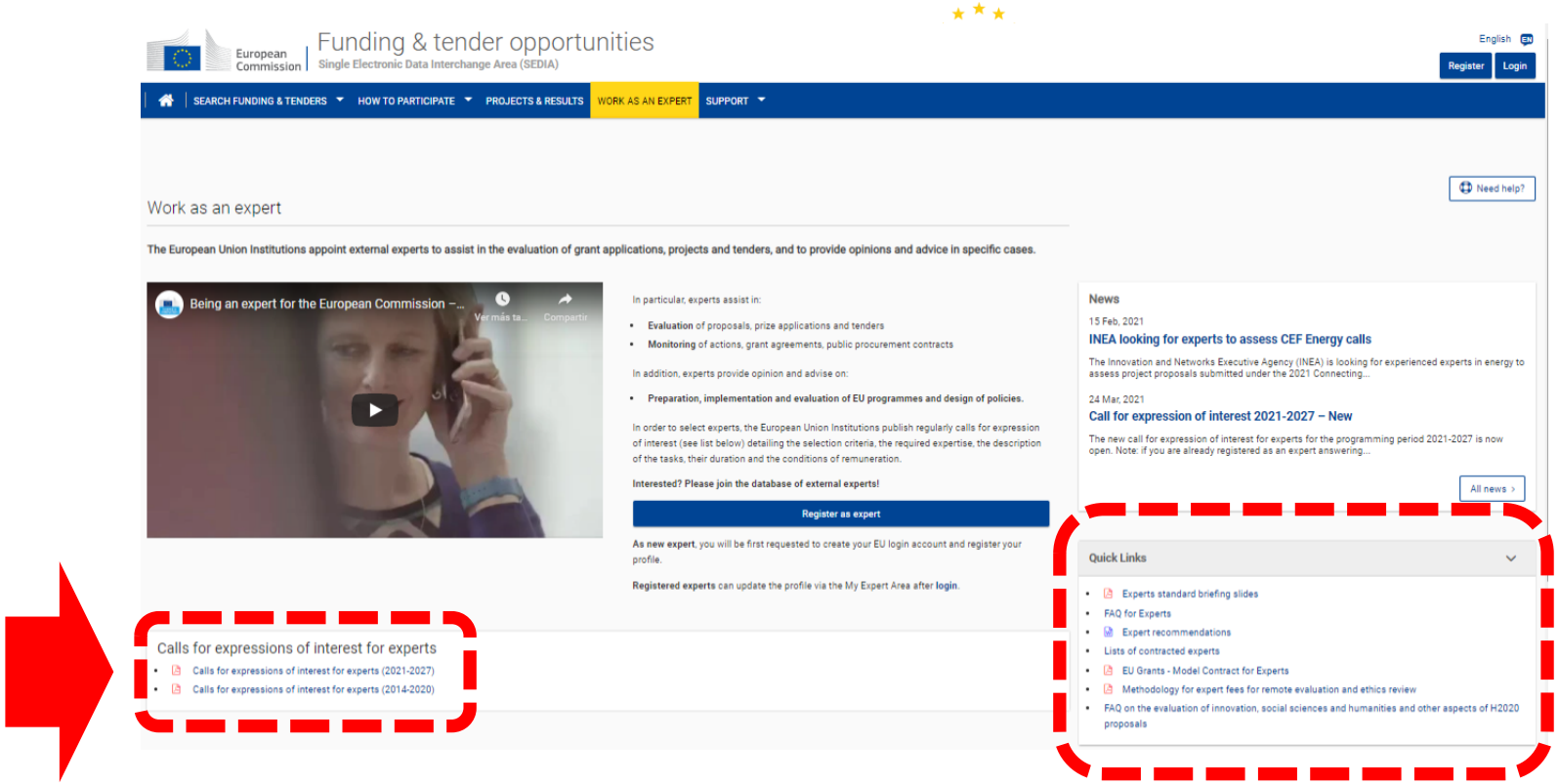
Jornadas regionales para preparar la convocatoria y para orientación personalizada a partir de Finales de Junio & Julio en **Andalucía, Valencia, Catalunya, Euskadi, & Galicia**

Canal de Telegram de Horizonte Europa



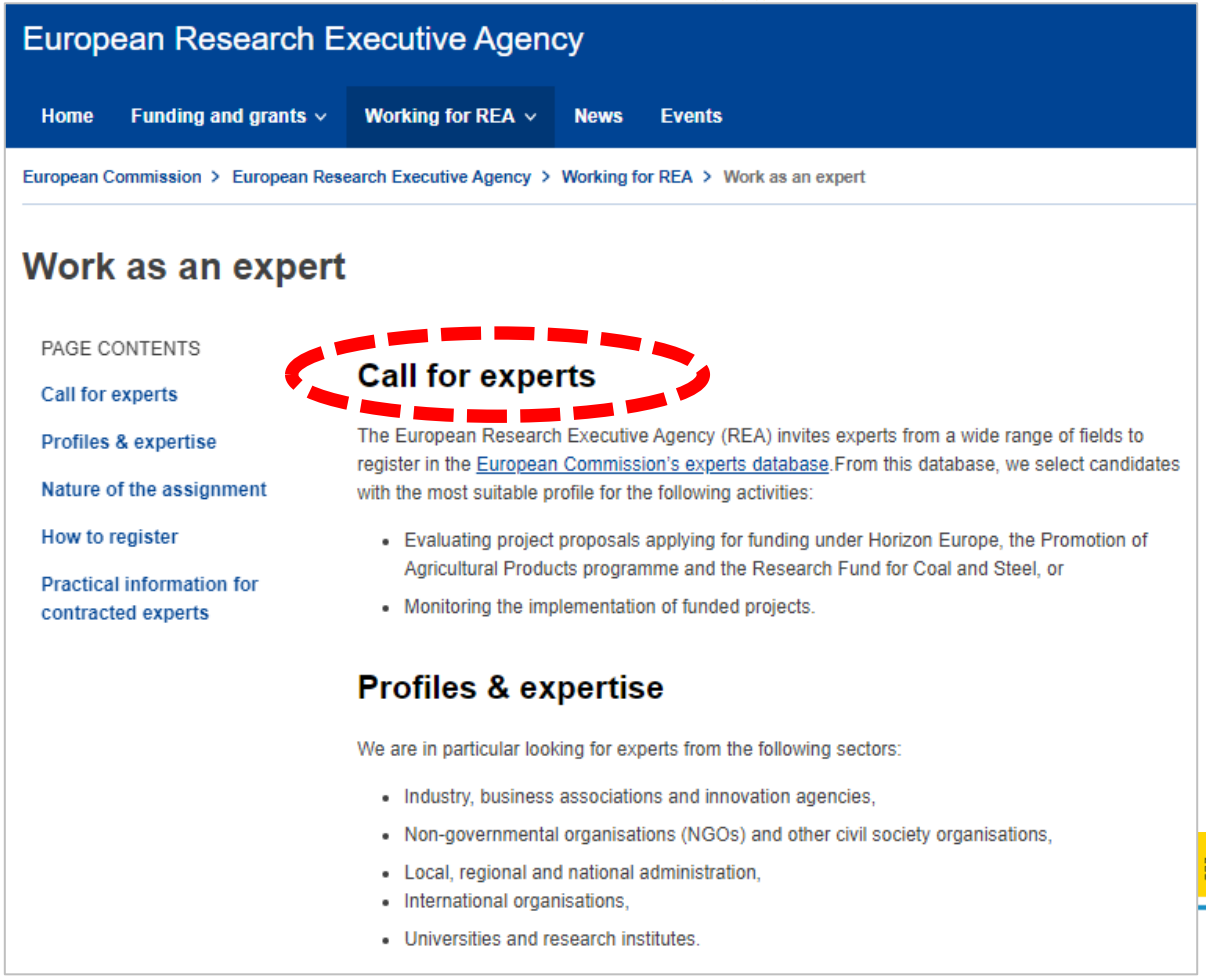
Fechas	Contenidos
28-Feb	Part-A (tablas)
07-Mar	Section 1: • The problem to solve & objectives of the project • Ambition, SoA & Methodology
14-Mar	Section 1: • Open Science • Data Management
21-Mar	Section 1: • Gender dimension
28-Mar	Section 2: • Pathways towards impact • Summary table of Impact • Dos & don´t on dissemination/comunication plans
04-Abr	Section 2: • Good practices for exploitation plans
25-Abr	Section 3: • Workplan & workpackages • Resources & Consortium-as-a-whole
09-May	Section 3: • Risk plan
16-May	Section 3 (linked to Part-A): • Ethics sub-section
23-May	Section 3 (linked to Part-A): • Security sub-section

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert



Se buscan diferentes perfiles: Científico-técnicos, LEAs / Practitioners, End-users, business / emprendedores, entidades públicas, gestores de clústers, asociaciones, NGOs…

https://rea.ec.europa.eu/working-rea/work-expert_en



European Research Executive Agency

Home | Funding and grants | Working for REA | News | Events

European Commission > European Research Executive Agency > Working for REA > Work as an expert

Work as an expert

PAGE CONTENTS

Call for experts

Profiles & expertise

Nature of the assignment

How to register

Practical information for contracted experts

Call for experts

The European Research Executive Agency (REA) invites experts from a wide range of fields to register in the European Commission's experts database.From this database, we select candidates with the most suitable profile for the following activities:

- Evaluating project proposals applying for funding under Horizon Europe, the Promotion of Agricultural Products programme and the Research Fund for Coal and Steel, or
- Monitoring the implementation of funded projects.

Profiles & expertise

We are in particular looking for experts from the following sectors:

- Industry, business associations and innovation agencies,
- Non-governmental organisations (NGOs) and other civil society organisations,
- Local, regional and national administration,
- International organisations,
- Universities and research institutes.

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All profiles are needed...

Food and agriculture

- Forestry including agroforestry, wildfire prevention, hands-on experience in forest management and ecosystems
- Sustainable agriculture, aquaculture and food systems including plant health, weed and pest management, pesticide reduction, veterinary medicine; climate-smart farms and forests, climate resilience
- Digitalisation in farming including precision agriculture, remote sensing or GIS for sustainable farms, fisheries and food supply chains
- Nutrition including sustainable diets, quality labels for dietary shift
- Communication and marketing of agricultural products including promotional strategies, market research, public relations, advertising

Environment and bio-economy

- Remote sensing, spatial planning, maritime observation
- Lifecycle assessment and analysis
- Circular economy, food waste, sustainable packaging, value chains
- Biodiversity, ecosystems
- Zero pollution, pollution removal, carbon cycle, water security

Civil security

- Law enforcement including police, border security, crime and anti-terrorism experts
- Civil protection, fire fighters, medical emergency teams
- Cyber security, sensors, UAVs/drones
- Chemical, biological, radiological and nuclear materials

Engineering, IT and technologies

- Cloud computing, big data, data interoperability, data mining, data visualisation, digital twins
- Artificial intelligence (AI), machine learning, deep learning
- Robotics
- e-Government, open government
- Bioinformatics
- 3D printing, 3D modelling
- Augmented reality, virtual reality
- Blockchain
- Nanotechnology
- Seismology
- Electric propulsion and electric vehicle batteries

Culture and creativity

- Cultural heritage: curation, restoration, conservation
- Creative industries, collective memory, cultural tourism
- Archaeology, artefacts, museology

Democracy and society

- International cooperation including globalisation, diplomacy, global governance, international relations
- Disinformation, misinformation, fake news, press freedom, media studies
- Radicalisation including terrorism, extremism, hate crime, homophobia, fascism, racism, stigmatisation, postcolonial studies
- Migration and integration including Islam, human rights, conflict resolution/management, peacebuilding
- European identity, European studies, political science, political philosophy
- Citizen participation, youth participation
- Democratisation, solidarity, polarisation, elections, populism, corruption
- Social inclusion, labour market, robotisation, social stratification, ageing, lifelong learning, econometrics
- Digital literacy including digital services, digital transformation, digital governance, digital democracy, user-centric services

Other fields of science and innovation

- Social sciences and humanities including gender studies and ethics
- Open science: open data, open source, interdisciplinary research
- Open innovation, knowledge transfer, commercial take-up
- Physics
- Medicine

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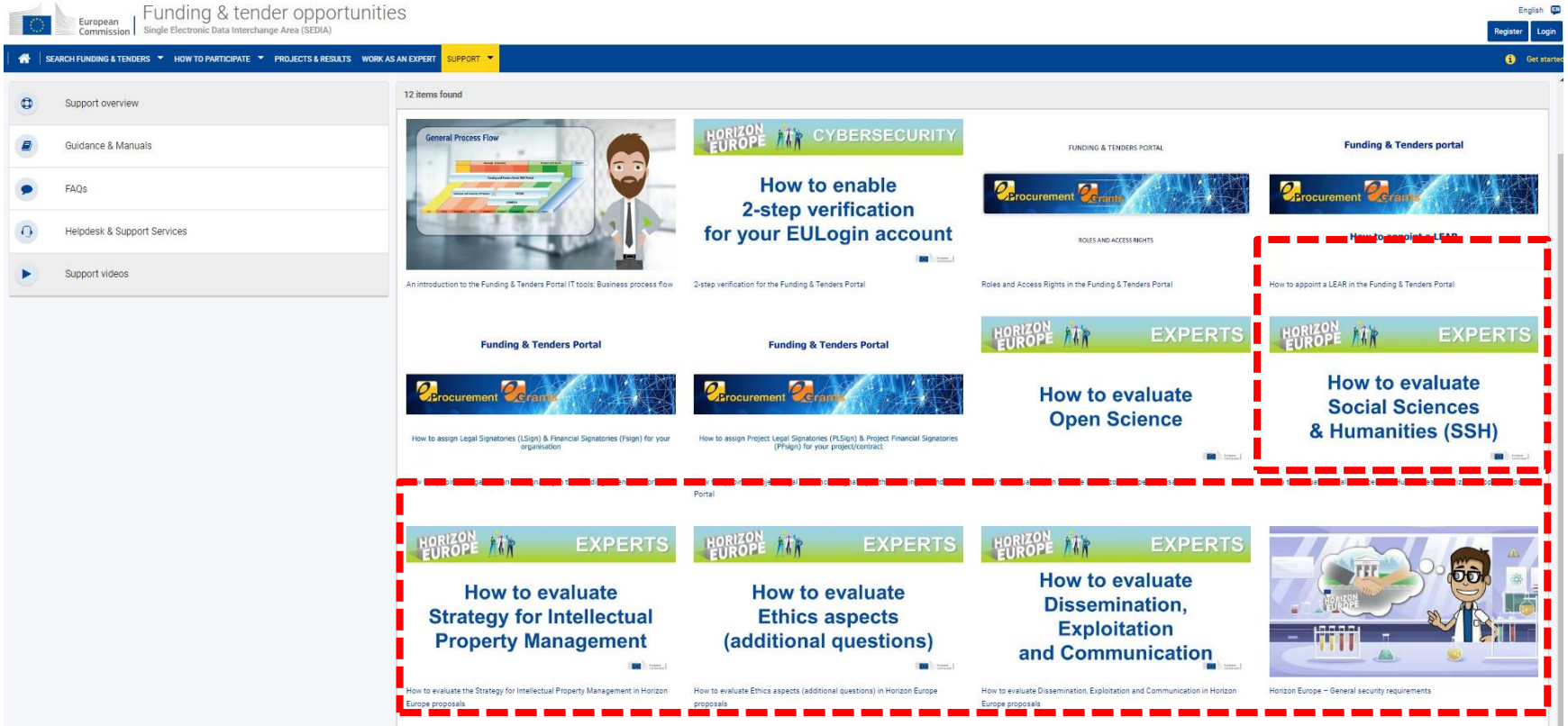
FINALLY, Some useful resources from the Funding & Tenders portal!

Check **the key videos for the EVALUATORS**

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/videos



Horizonte Europa Clúster 3 “Seguridad civil para la sociedad”

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Muchas gracias!

+info sobre programas y ayudas CDTI
para
proyectos de I+D empresarial e innovación

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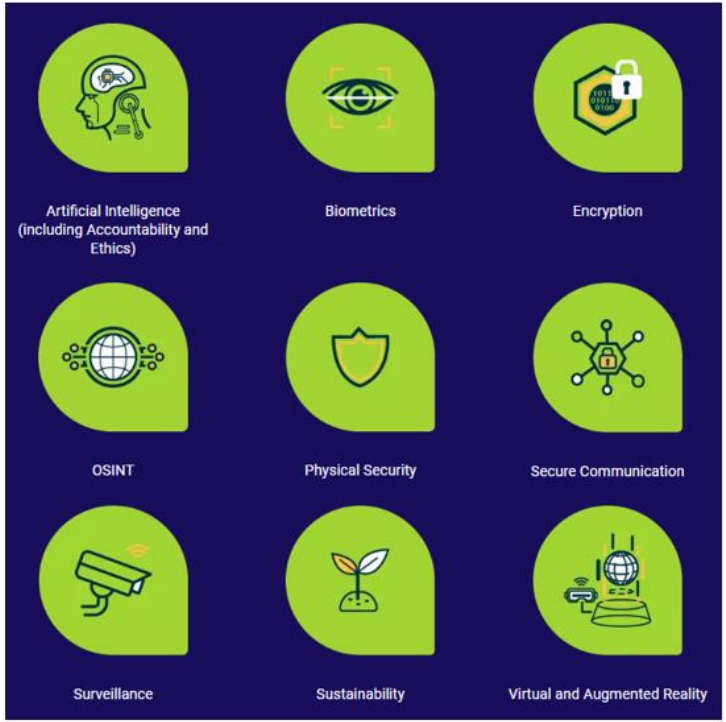
EU Innovation Hub for Internal Security



EU INNOVATION HUB | FOR INTERNAL SECURITY

Who are the members of the EU Innovation Hub?

EUROPOL · FRA · FRONTEX · eu-LISA · EUROJUST · CEPOL · euaa · EIGE · Council of the European Union

European Commission

Innovation Hubs relacionados con seguridad & defensa…

Annual meeting of the EU Innovation Hub: research and innovation in citizens' security

2022-09-14

On 13-14 September, the EU Innovation Hub for Internal Security held its Annual Event in Brussels, organised in cooperation with the Community of European Research and Innovation for Security (CERIS). Representatives of EU institutions and agencies were joined by research and technology organisations, internal security practitioners from EU Member States, and academic experts in the security field.

Under the theme "Shaping responsible solutions for internal security", this year's Annual Event focused on the need to develop effective security solutions while at the same time meeting citizens' expectations in terms of privacy, transparency and accountability. The discussions focused on encryption and AI (the Hub's priorities for 2022), with presentations from a range of government, research and technology organisations.

The Annual Event also provided an opportunity for mapping key innovation projects and stakeholders, as requested by the Standing Committee on Internal Security (COSI). This mapping will help to shape the Hub's priorities for the future. Participants left the event with a clearer understanding of how to translate research projects into real operational impact.

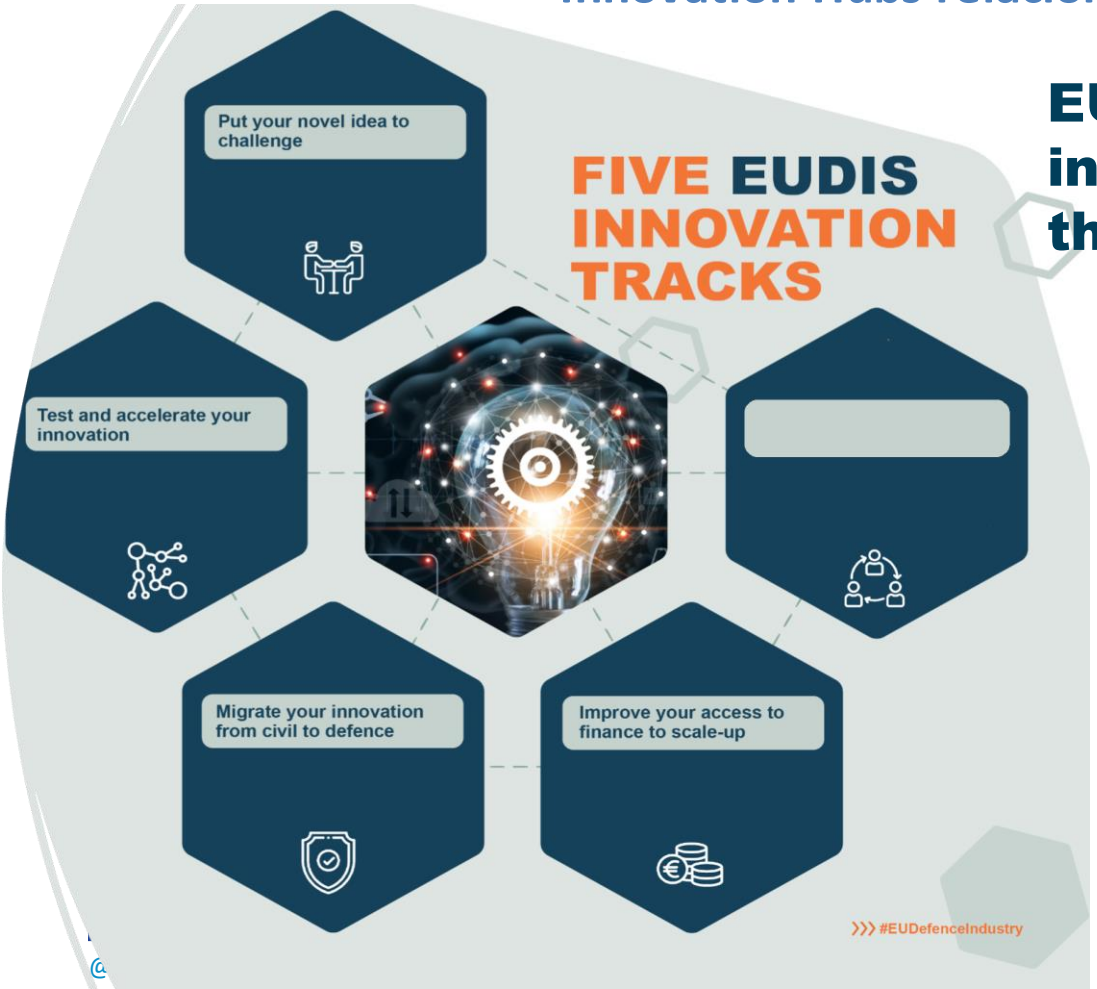
Javier Quesada, Frontex Director of Capacity Building a.i. said: "We want to accelerate innovation for the purpose of EU's internal security. With the EU Innovation Hub, we will jointly identify technologies and work on common projects with the highest value and impact across all security sectors, focusing on delivering the innovative solutions that we need."

The EU Innovation Hub for Internal Security is a collaborative network of innovation labs, which are dedicated teams working in EU bodies to explore the application of new technologies. Innovation labs provide their respective agencies with technical updates and new solutions in fields including justice, border security, immigration, asylum and law enforcement. The Annual Event serves as a chance to review the Hub's work, showcase innovative projects and set priorities for the future.

FRONTEX

EUROPEAN BORDER AND COAST GUARD AGENCY

Innovation Hubs relacionados con seguridad & defensa…



EUDIS: a stronger defence innovation ecosystem throughout the EU

- Aims to embrace the whole innovation ecosystem by offering tailored instruments
- Many opportunities, depending on innovation maturity level
- 300-400 innovative & scalable SMEs annually
- In close cooperation with Member States
- In close articulation with EDA's HEDI and relevant NATO initiatives

HUB FOR EU DEFENCE INNOVATION (HEDI)

With the rapid development of new and often disruptive technologies and their fast weaponisation, **innovation is a geostrategic factor** shaping the international security environment and the global balance of power. Staying ahead of the curve in the defence sector is paramount to ensuring the credibility and effectiveness of the Armed Forces. Developing defence innovation in Europe is intrinsically linked to its ambition to be a credible security provider.

Against this backdrop, Defence Ministers approved the establishment of a **Hub for EU Defence Innovation (HEDI)** at the Steering Board on 17 May 2022. HEDI is designed to strengthen EDA's existing innovation activities but also initiate new ones, in close cooperation with Member States and EU stakeholders. HEDI serves as a platform to **stimulate and facilitate cooperation on defence innovation among Member States** while ensuring synergies with related European Commission activities, notably the EU defence innovation scheme, and coherence of output with NATO innovation initiatives.

BOOSTING EDA'S INNOVATION FRAMEWORK

HEDI operates at the intersection of EDA's already existing innovation activities, serving as a catalyst and amplifier. The existing **innovation framework** in EDA contains tools to support collaborative defence innovation and is based on three pillars:

- **identification** of innovative ideas and innovators
- **implementation** of these ideas
- **outreach** to increase the awareness of the solutions produced and their application to the defence domain.

HEDI's activities will contribute to and focus on the agreed EU priorities for capability development (Capability Development Plan), defence research (Overarching Strategic Research Agenda) as well as skills, technologies, manufacturing capabilities (Key Strategic Activities).

THREE STEP APPROACH

Three steps have been defined for the Hub to grow to fulfil its role and potential as catalyst and amplifier of defence innovation at EU level:

- The first step will **inspire and promote** innovation at the European level: the Hub will focus on networking and situational awareness activities. It should be considered as a **ramp-up phase**, making the most of existing EDA resources.
- The second step will allow the Hub to be **operational** across all activities and services identified in the initial portfolio. This will set the Hub at the heart of facilitating defence innovation across Member States and EU institutions.
- The third step, **HEDI 2.0** is proposed as a way to to reach the full potential of the Hub as an **EU-wide platform** for cooperative design and experimentation embedded in the EU capability development process and has to be further defined and decided at a later stage.

DIANA, la aceleradora tecnológica de la OTAN ya es una realidad

NATO OTAN

Defence Innovation Accelerator for the North Atlantic

José Mª Navarro García, 5 de junio de 2023

Fotografía: El subsecretario general de la OTAN para desafíos de seguridad emergentes y director gerente interino de DIANA, David van Weel, pasa simbólicamente la batuta al director gerente entrante, el profesor Deep Chana, a finales de marzo (OTAN).

En 2021 la Alianza Atlántica acordó impulsar el lanzamiento de un "acelerador de innovación" que recibió el nombre de **DIANA** por *Defence Innovation Accelerator for the North Atlantic* (Aceleradora de Innovación en Defensa para el Atlántico Norte). Ahora comienza a ser una realidad.

En abril del año pasado los ministros de Asuntos Exteriores de los países de la OTAN aprobaron los **estatutos de DIANA** y en la **cumbre de Madrid** de junio del año pasado se adoptó formalmente la decisión para creación de esta aceleradora. En Madrid se firmó la carta de compromiso con el Fondo de Innovación de la Alianza, que contará con **1.000 millones de euros** para programas.

El objetivo de este organismo, que tiene ya consejo de administración, varias sedes dentro de la Alianza y financiación es **acelerar soluciones basadas en tecnologías disruptivas y emergentes**, sobre todo aquellas con origen en el sector comercial con aplicaciones en Defensa.