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Aspectos transversalesdel programa Clúster 3 - "Seguridad Civil para la Sociedad"

Programa Marco Horizonte Europa

NCP Clúster 3 Horizonte Europa marina.cdti@sost.be

17 de mayo de 2023

Horizonte Europa: El Programa Marco de I+D+I de la UE (2021-2027)











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



European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II
GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS

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

Joint Research Centre



pean innovation

ouncil

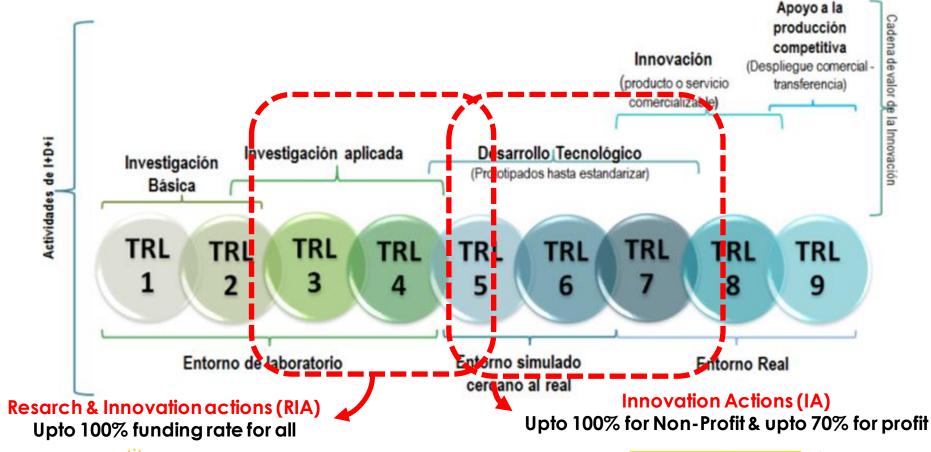
European Institute of Innovation & Technology*

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











Habíamos visto...

Principales características del programa...

- <u>"Challenge-driven":</u> El programa se enfoca en desarrollar capacidades basadas en investigación y tecnologías aplicadas. → La mayoría de topics "top-down"
- ✓ Los <u>usuarios finales</u> de seguridad <u>DEBEN participar en las propuestas</u> (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 <u>aspectos éticos!</u>

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



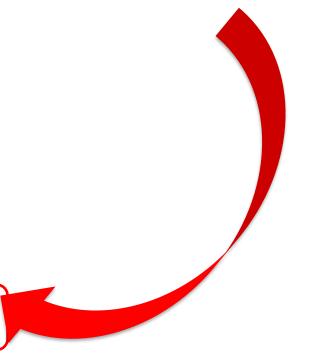




HORIZON-CL3-2023-FCT-01-02: A harmonized European forensics approach on drugs analysis

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			

Ejemplo de CONDICIONES DE ELEGIBILIDAD







Additional eligibility conditions

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

<u>Pay attention – where applicable – to the detailed footnotes:</u>

"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)	(<u>po</u>	Category of practitioner lice authority, first-onder, 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]							





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 Al-based systems and/or techniques.
- The aim is to bring to **experts' attention** that they must **assess the technical robustness** of the proposed Alsystem 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 as pects of AI systems and development, including resilience to attack and security, fullback plan and general safety, accuracy, reliability and reproducibility.











Gender dimension in R&I content

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 1-2

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 2-2

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

Page limits

- 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









Formatting conditions

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).











Dual use and Exclusive focus on civil applications

- 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.

Especial atención en estos momentos de formación de consorcios...

Partners de UK en tu consorcio...



Por el momento, NO HAY NOVEDADES sobre la participación de UK en HE (hasta el 30-Jun-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, entonœs se convierten en Associated Partners. → Resumen de las principales FAOs 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 <u>UKRI website</u>.

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.

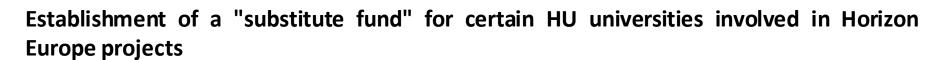
UK-based researchers are eligible to apply for European Research Council (ERC) grants, Marie Skłodowska Curie Actions (MSCA) Postdoctoral Fellowships, and European Innovation Council calls. If the UK's association is not confirmed in time for them to sign a Horizon Europe grant agreement, the UK Government's 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.

<u>ALGUNAS universidades</u> húngaras en tu consorcio...



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 specified 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).









<u>CONDICIONES ESPECIALES</u> 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?... Basically, FOR PROFIT organizations

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-subcontractors¹.

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 casses?

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.









https://eventos.cdti.es/ES/LosLunes CDTI SOST Bruselas sesion10







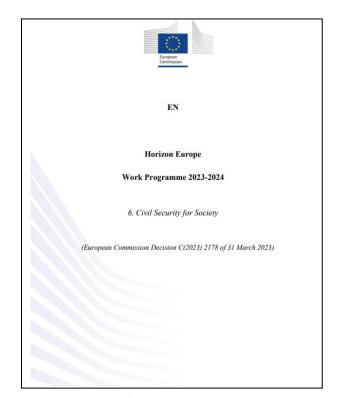




Last but not least...

Convocatoria 2023 Clúster 3

187 M€



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

https://ec.europa.eu/info/fundingtenders/opportunities/docs/2021-2027/horizon/wpcall/2023-2024/wp-6-civil-security-forsociety horizon-2023-2024 en.pdf









View available work programmes

2023 - 24

8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - General introduction English (1.48 MB - PDF)	Download 낸
8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - EU Missions English (1.89 MB - PDF)	Download ₫
8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - Cluster 1 English (1.97 MB - PDF)	Download ₫
8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - Cluster 2 English (1.53 MB - PDF)	Download ₫
8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - Cluster 3 English (1.53 MB - PDF)	Download 🕁
8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - Cluster 4 English (3,73 MB - PDF)	Download ம்
8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - Cluster 5 English (4.14 MB - PDF)	Download ₫
8 DECEMBER 2022 Horizon Europe Work programme (2023-24) - Cluster 6 English (4.83 MB - PDF)	Download ₫
6 DECEMBER 2022 Horizon Europe Work programme (2023-24) - European Innovation Ecosystems English (801.68 KB - PDF)	Download ₺
6 DECEMBER 2022 Horizon Europe Work programme (2023-24) - MSCA English (1.79 M8 - PDF)	Download ₺
6 DECEMBER 2022 Horizon Europe Work programme (2023-24) - Infrastructures English (1.39 MB - PDF)	Download 止
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 (142.84 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

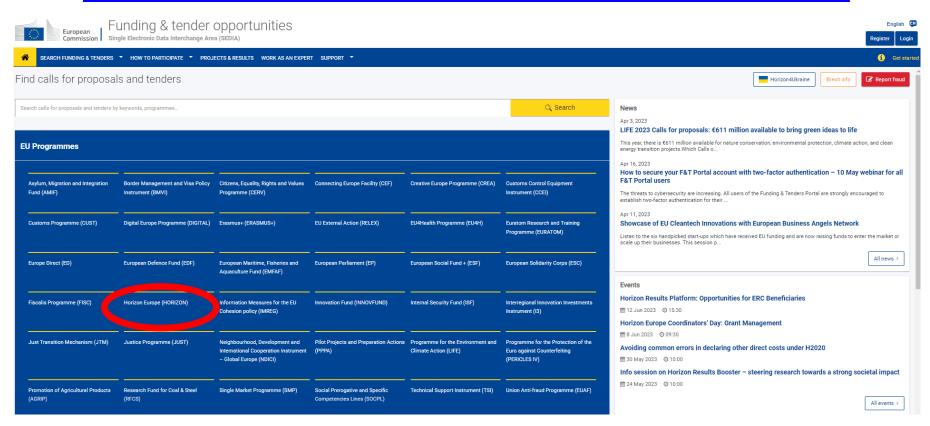
- European Research Council (ERC)
- · Joint Research Centre (JRC)
- · European Innovation Council (EIC)

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/fundingopportunities/funding-programmes-and-open-calls/horizoneurope/horizon-europe-work-programmes en

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











Migration and Home Affairs Home Policies × Agencies Networks × Funding × What's new × About us Home > Networks > CERIS - Community for European Research and Innovation for Security

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://homeaffairs.ec.europa.eu/networks/ceriscommunity-european-research-and-innovationsecurity en













rity Mission Information & Innovation Group
2023 Brokerage Event

10 & 11 May

Campus Condorcet, Center de Collogues, Aubervilliers, Paris

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







La semana pasada... mirad SMI2G - Security Mission Information & Innovation Group...

los "elevator pitches"!

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

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

Add to calendar

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

Register for this event

How to contact the organiser

SMI2G Organisers

enquiries@smi2g.eu

Categories

Networking event

Share event





SMI2G-presentation-template_2023.potx



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

Infoday Nacional **21-Jun (Madrid)**

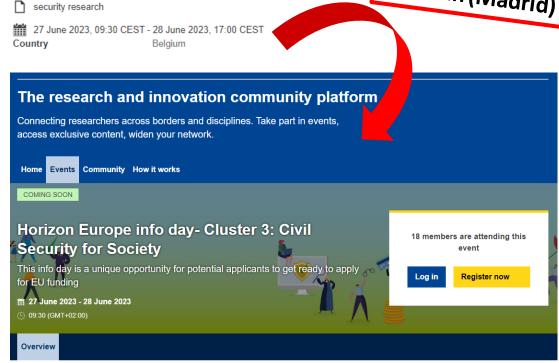


Through Horizon Europe Cluster 3 "Civil Security for Society", the European Commission funds research and innovation projects to address the challenges arising from persistent security threats. These projects relate to the fight against crime and terrorism, external and border security, disaster resilience,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



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

- ✓ Infoday Nacional **21-Jun (Madrid)** ✓ Infodays regionales a partir de finales de Junio en Cataluña, Valencia, Euskadi, Galicia...

Canal de Telegram de Horizonte Europa













Android

APP PARA DISPOSITIVOS MÓVILES

Descárguese la app para tener en su dispositivo la información permanentemente actualizada sobre los eventos del CDTI.



OS







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

Muchas gracias!



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







@CDTI_innovacion







