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CLÚSTER 4 INDUSTRY
15/DICIEMBRE/2022

HORIZONTE EUROPA

Completando las convocatorias.

Infoday nacional Clúster 4 Industria

HORIZONTE
EUROPA
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DISCLAIMER



The contents of this presentation are for informal guidance and discussion purposes only.

In **no circumstance** the content of these slides can substitute the information provided in the official documents and guidelines.



Disclaimer

Cluster 4: Mundo digital, **Industria y Espacio**

2023-2024

Destination 1:

Climate neutral, circular
and digitised production



Call

TWIN GREEN AND
DIGITAL TRANSITION

Convocatorias

2 fases:

- ❖ Apertura: 8 de diciembre 2022
- ❖ Cierre: 7 de marzo (1), 5 octubre 2023 (2)
- ❖ 1 topic
- ❖ M€ 12



A New Way to Build,

accelerating disruptive change in
construction



HORIZON-CL4-2023-TWIN-TRANSITION-
01-11 (RIA)

Destination 1: Twin green and digital transition

A New Way to Build,
accelerating disruptive change
in construction



HORIZON-CL4-2023-TWIN-TRANSITION-01-11:
Intelligent data acquisition and analysis of materials and
products in existing built works (RIA)

- ✓ **Indicative budget: EUR 12 million**
- ✓ **EU contribution per project: EUR 5-6 million**
- ✓ **Type of Action: Research & Innovation Action**
- ✓ **TRL: start at TRL 4 and achieve TRL 6**
- ✓ **Se aplica Lump Sum y Blind evaluation (fase 1)**

Destination 1: Twin green and digital transition

A New Way to Build,
accelerating disruptive change
in construction

HORIZON-CL4-2023-TWIN-TRANSITION-01-11:
Intelligent data acquisition and analysis of materials and
products in existing built works (RIA)

Expected Outcomes :

*Identification, analysis and **digitisation of materials and products** from existing built works*

*Increased **construction products for reuse**, thus reducing the resource- and energy-intensity of the sector*

Reduction in construction and demolition waste

*Improved facility to **re-use and repair construction products***

*Improvements to **labour productivity***



Destination 1: Twin green and digital transition

A New Way to Build,
accelerating disruptive change
in construction

HORIZON-CL4-2023-TWIN-TRANSITION-01-11:
Intelligent data acquisition and analysis of materials and
products in existing built works (RIA)

Scope:

*New techniques and technologies to **rapidly identify materials** and
analyse properties*

***Digitally record** for tools and database*

Identify appropriate reuse, repair or recycling processes

***Circular use** as secondary materials*

Skills development and SSH aspects



Cluster 4: Mundo digital, Industria y Espacio

2023-2024

Convocatorias

- ❑ Fase única:
 - ✓ Apertura: 8 de diciembre 2022
 - ✓ Cierre: 20 de abril 2023

Destination 2:

Increased autonomy in key strategic value chains for resilient industry



Call

RESILIENT VALUE CHAINS 2023

Improving the resilience of EU businesses,

especially SMEs and Startups

HORIZON-CL4-2023-RESILIENCE-01-42 (CSA)
HORIZON-CL4-2023-RESILIENCE-01-44

Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry



Improving the resilience of EU businesses,

especially SMEs and
Startups

HORIZON-CL4-2023-RESILIENCE-01-42: Boosting generation and diffusion of advanced technologies in SMEs based on a supply chain model (CSA)

- ✓ **Indicative budget: EUR 10 million**
- ✓ **EU contribution per project: EUR 2-3 million**
- ✓ **Type of Action: CSA**
- ✓ **TRL: NA**
- ✓ **Lump Sum**

Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry



Improving the resilience of EU businesses,

especially SMEs and Startups

HORIZON-CL4-2023-RESILIENCE-01-42: Boosting generation and diffusion of advanced technologies in SMEs based on a supply chain model (CSA)

Some Expected outcomes:

*Build a **model for each industrial ecosystem to identify disruptions and technological opportunities***

Identify potential alternate suppliers of critical advanced technologies

***Launch one pilot** project per each industrial ecosystem*

Increase the adoption of advanced technologies in traditional SMEs

Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry



Improving the resilience of EU businesses,

especially SMEs and
Startups

HORIZON-CL4-2023-RESILIENCE-01-44: Affordable
Housing District Demonstrator (IA)

- ✓ **Indicative budget: EUR 10 million**
- ✓ **EU contribution per project: EUR 5 million**
- ✓ **Type of Action: Innovation Action**
- ✓ **TRL: NA**
- ✓ *Demonstration activities in diverse geographical areas, those that ensure the most complementary geographical coverage*

Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry



Improving the resilience of EU businesses,

especially SMEs and Startups

HORIZON-CL4-2023-RESILIENCE-01-44: Affordable Housing District Demonstrator (IA)

Some Expected outcomes:

***Demonstrate innovation** in renovation or construction of social housing*

*Mobilise **cross-sectoral industrial and multi-stakeholder** partnerships at local level*

*Focus on **SMEs***

Demonstrations on affordable technological innovation, social and green innovation, innovative partnerships.

*Key words: **New European Bauhaus, Affordable Housing Initiative, European Urban Agenda.***

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HORIZONTE EUROPA

Infoday nacional Clúster 4 Industria

*Algunas
características
comunes*

HORIZONTE 
EUROPA
@HorizonteEuropa

Work Program 2023-2024



- ☐ Se mantiene piloto **60%** financiación (for profit entities) en IA de partenariados co-programados
- ☐ Incorporación convocatorias en **2 fases**
- ☐ Afecta a **distintas fechas** de apertura y cierre: **2023** marzo (fase 1), abril (fase única), octubre (fase 1)
- ☐ **Fases 1 con blind evaluation**
- ☐ Incorporación mecanismos de justificación **lump sum**.
- ☐ **Versiones actualizadas de los templates RIA-IA, CSA, fase única y dos fases**
- ☐ Límites de páginas: ampliación por incorporación de lump sum, ampliación por plan de negocio y explotación

Algunas condiciones en los “topics”

Specific conditions	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of around EUR 5.00 million
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 10.00 million.
<i>Type of Action</i>	Innovation Actions
<i>Admissibility conditions</i>	<p>The conditions are described in General Annex A. The following exceptions apply:</p> <p>Applicants submitting a proposal under the blind evaluation pilot (see General Annex F) must not disclose their organisation names, acronyms, logos, nor names of personnel in Part B of their first stage application (see General Annex E).</p>
<i>Eligibility conditions</i>	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>The Joint Research Centre (JRC) may participate as member of the consortium selected for funding. O.....</p>
<i>Exceptional page limits to proposals/applications</i>	<p>In order to include a business case and exploitation strategy, the page limit in part B of the General Annexes is exceptionally extended by 3 pages.</p> <p>-----</p> <p>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).</p>

Specific conditions	
<i>Technology Readiness Level</i>	Activities are expected to achieve TRL 6-7 by the end of the project – see General Annex B.
<i>Legal and financial set-up of the Grant Agreements</i>	<p>The rules are described in General Annex G. The following exceptions apply:</p> <p>Eligible costs will take the form of a lump sum as defined in the Decision of 7 July 2021 authorising the use of lump sum contributions under the Horizon Europe.... O.....</p> <p>-----</p> <p>Beneficiaries may provide financial support to third parties. The support to third parties can only be provided in the form of grants. The maximum amount to be granted to each third party is EUR XXX.</p>
<i>Procedure</i>	<p>The procedure is described in General Annex F. The following exceptions apply:</p> <p>This topic is part of the blind evaluation pilot under which first stage proposals will be evaluated blindly.</p>
<i>Legal and financial set-up of the Grant Agreements</i>	<p>The rules are described in General Annex G. The following exceptions apply:</p> <p>The funding rate is up to 60% of the eligible costs as a way to increase the contribution of industry to this co-programmed partnership. This funding rate applies to both members and non-members of the partnership, except for non-profit legal entities, where the funding rate is up to 100% of the total eligible costs.</p>

Scope.-

Social Science and Humanities



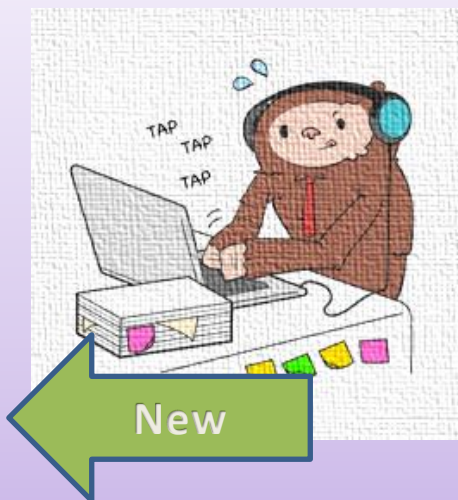
Condiciones de admisibilidad

Same general admissibility conditions

- Applications must be submitted before the call deadline, **electronically** via the Funding & Tenders Portal
- Applications must be **complete, readable, accessible and printable**, and include a **plan for the exploitation and dissemination of results**, unless provided otherwise in the specific call conditions.

Proposal page limit

- ❑ RIAs and IAs type of actions: limit for a full application is **45 pages**
- ❑ CSAs: limit is **30 pages**
- ❑ First stage proposals: limit is **10 pages**
- ❑ Exceptions, if any, would be specified in the call text.
 - ❑ Business case and exploitation strategy: **+ 3 pages**
 - ❑ RIAs and IAs + Lump Sum = **50 pages limit**
 - ❑ CSAs + Lump Sum = **33 pages limit**



<i>Admissibility conditions</i>	<p>The conditions are described in General Annex A. The following exceptions apply:</p> <p>Applicants submitting a proposal under the blind evaluation pilot (see General Annex F) must not disclose their organisation names, acronyms, logos, nor names of personnel in Part B of their first stage application (see General Annex E).</p>
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Horizon Europe Programme

Standard Application Form (HE RIA, IA stage 1)

Application form (Part A)
Project proposal – Technical description (Part B)

Version 5.0
15 November 2022

Blind evaluation pilot

- If indicated in the specific call conditions, first-stage proposals of two-stage submissions will be evaluated blindly and applicants may not disclose their identity in Part B of their proposal.

Call: [insert call identifier] – [insert call name]

EU Grants: Application form (HE 1st stage RIA and IA): V3.2 – 15.11.2022

⚠ Fill in the title of your proposal below.

TITLE OF THE PROPOSAL

⚠ This proposal is submitted to a call that is evaluated blindly. You must not disclose applicants' organisation names, acronyms, logos nor names of personnel in Part B of your application. If you do, your proposal will be declared inadmissible. You can include details of participants in the proposal Part A.

This document is tagged. Do not delete the tags; they are needed for processing.] #@APP-FORM-HERIAIA1ST@# #@REL-EVA-RE@#

1 Excellence

Excellence – aspects to be taken into account.



The rules are described in General Annex G. The following exceptions apply:

Eligible costs will take the form of a **lump sum** as defined in the Decision of 7 July 2021 authorising the use of lump sum contributions under the Horizon Europe....

Lump sum

HOW DOES LUMP SUM FUNDING WORK IN PRACTICE? A QUICK GUIDE

01

LUMP SUM PROPOSALS

- Use the standard Horizon Europe proposal template. Address expected impacts and outcomes as in any Horizon proposal.
- No change in project design, except that work packages with a long duration may be split along the reporting periods. In this way, the relevant activities can be paid at the end of the reporting period.
- You need to provide a detailed breakdown of cost estimates to define and justify the lump sum. The estimates must be an approximation of your actual costs and meet the eligibility criteria of Horizon Europe. These cost details are needed to plan the budget of any proposal, even when they are not part of the proposal. The additional effort to include this information in a lump sum proposal should therefore be limited.

- % topics con LS:

Clúster 4 Industry. (≈25%)

Tipo de acciones: RIA - IA – CSA

Lump sum funding in Horizon Europe

Overview

Guidance

Events

Opportunities

Background

Guidance

Guidance on lump sums focuses on the limited number of aspects where lump sum funding differs from actual cost grants and how it is paid. All the non-financial aspects remain the same as in actual cost grants.

Lump sums – what do I need to know?

General presentation to get started, including details on how to set up a lump sum budget

Quick guide

The key steps explained and possible concerns addressed

Detailed guidance for applicants and beneficiaries

Lump sum proposal submission, evaluation and grant management

Lump sum reporting step by step

Reporting process for lump sum projects (IT How To)

Frequently asked questions (FAQs)

Check if your question about lump sums is already answered

Expert briefing

Briefing for Horizon Europe evaluations, including a dedicated part on lump sums

Reference documents

Lump sum Model Grant Agreement

Commission decision authorising lump sum funding

Lump sum budget table

The rules are described in General Annex G. The following exceptions apply:

Eligible costs will take the form of a **lump sum** as defined in the Decision of 7 July 2021 authorising the use of lump sum contributions under the Horizon Europe....

Lump sum

What are the Type 1 and Type 2 options under the Horizon Europe lump sum funding scheme?

Two options for setting the lump sum were put forward.

In **Type 1**, the lump sum is prefixed by the Commission in the call for proposals and your budget must equal (add up to) the prefixed total. Proposals need to describe the efforts and resources applicants commit to mobilise for this amount. The applicants must provide a proposed split of lump sum per work package and per beneficiary and affiliated entity.

In **Type 2**, the amount of the lump sum is proposed by the applicants in their proposal, based on their estimated direct and indirect project costs. Applicants must provide detailed cost estimations and propose a breakdown of lump sum shares per work package and per beneficiary (and affiliated entity if any).

Some additional details

- **Page limits.-** For topics using lump sum funding, the limit for **‘Research and Innovation’ actions and ‘Innovation’ actions** is **50 pages** and the limit for **‘Coordination and support’ action** is **33 pages**.
- For lump sum grants proposals, the **estimated budget** must be described **in a detailed budget table**.
- For lump sum grants proposals, **comments on the detailed lump sum budget table** will be **provided in the Evaluation Summary Report** only for proposals invited to grant agreement preparation (or placed in the reserve list) and ones rejected (in part) due to significant overestimation or underestimation of costs.

Exceptional page limits to proposals/applications

In order to include a business case and exploitation strategy, the page limit in part B of the General Annexes is exceptionally extended by 3 pages.

Business case and Exploitation strategy

Business Case

- Target market
- Market size EU and globally
- User & Customer needs
- Matching at cost-effective manner
- Competitive advantage

Exploitation strategy

- Obstacles and actions to reach higher TRLs
- TRLs 7 strategy for full-scale manufacturing in the EU
- matching value chains, enhancing product robustness; securing industrial integrators; and user acceptance

Copernicus y/o Galileo/EGNOS

Eligibility conditions

The conditions are described in General Annex B. The following exceptions apply:

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).



[\(https://www.copernicus.eu/es/acceso-los-datos/\)](https://www.copernicus.eu/es/acceso-los-datos/)

- 5 Servicios de acceso a los datos y la información (DIAS)
- Otras Plataformas convencionales: ESA. EUMETSAT



- EGNOS: Datos a traves de internet: EDAS
[\(https://egnos-user-support.essp-sas.eu/services/\)](https://egnos-user-support.essp-sas.eu/services/)
- GALILEO: Rx. Convencionales en casi todos los teléfonos
[\(https://www.gsc-europa.eu/\)](https://www.gsc-europa.eu/)

Más información:

- NCP Espacio:
andrea.julia.perez-carro@cdti.es



Cascade funding

<i>Legal and financial set-up of the Grant Agreements</i>	<p>The rules are described in General Annex G. The following exceptions apply:</p> <p>Beneficiaries may provide financial support to third parties.</p> <p>The support to third parties can only be provided in the form of grants. The maximum amount to be granted to each third party is EUR XXX.</p>
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Financial support to third parties*

Where the specific call conditions allow for financial support to third parties, the applicants must clearly describe the objectives and the expected results, including the elements listed in the application template. The following **conditions must also be fulfilled**:

- projects must publish their open calls widely and adhere to EU standards of transparency, equal treatment, conflict of interest and confidentiality;
- all calls for third parties and all calls that are implemented by third parties must be published on the Funding & Tenders Portal, and on the beneficiaries' websites;
- the calls must remain open for at least 2 months;
-

Further conditions may be stipulated in the specific conditions for the topic.

For more information, see [AGA — Annotated Model Grant Agreement](#), Articles 6.2.D.1 and 9.4.

Social Sciences and Humanities (SSH)*

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS

Programming period
2021 - 2027 (352)

Horizon Europe (HORIZON)

Programme part

- Digital Agenda (763)
- Artificial Intelligence (683)
- Socio-economic science and humanities (352)
- International Cooperation (214)
- Societal Engagement (195)
- Social Innovation (183)
- EOSC and FAIR data (128)
- Ocean sustainability and blue economy (114)
- Co-programmed European Partnerships (107)
- Select a Priority...

Filter by call
Select a Call...

- **Effective integration of social SSH** in all clusters, including all Missions and European partnerships, **is a principle throughout HE.**
- Aim of SSH integration is **to improve our assessment of and response to complex societal issues.** Thus, SSH are a key constituent of research and innovation, especially regarding the twin green and digital transitions.
- **Where relevant**, the R&I chain **should include contributions from SSH disciplines** such as sociology, economics, psychology, political science, history, cultural sciences or/and the arts.



Joint Research Centre, JRC*

Eligibility conditions	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>The Joint Research Centre (JRC) may participate as member of the consortium selected for funding.</p>
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- **Where provided for in the specific call conditions**, applicants may include in their proposals the possible contribution of the JRC but **the JRC will not participate in the preparation and submission of the proposal.**
- Applicants will **indicate the contribution that the JRC could bring to the project** based on the scope of the topic text.
- **After the evaluation process**, the **JRC and the consortium** selected for funding **may come to an agreement** on the specific terms of the participation of the JRC.
- If an agreement is found, the **JRC** may accede to the grant agreement as **beneficiary requesting zero funding or participate as an associated partner** and would accede to the consortium as a member.

A modo de conclusión.....



Lectura detallada de los topics. Particularidades que se deben considerar.

Aprendizaje y familiarización son necesarios (lump sum, blind evaluation, 2 fases)

Estas nuevas condiciones también ofrecen nuevas oportunidades para que las propuestas brillen

¡Muchas gracias!



Próximos contenidos disponibles

Y el viaje
continúa

- Todos los contenidos estarán disponibles en la web del evento
- Puedes enviarnos tus dudas por mail

Muy importante
REPASAR

- Infoday y taller 2022. Ver enlaces en eventos.cdti.es
- Contenidos detallados sobre preparación partes A y B



Próximos eventos

Próximo
taller
3 de
FEBRERO
2023

- Sesiones específicas sobre el proceso de evaluación
- Colaboración para las búsqueda de socios y completar consorcios
- Resolución de dudas
- Recuerda que nos puedes enviar tu propuesta para revisión a través del formulario de registro
- Agenda abierta para reuniones virtuales

Atentos a la apertura de la
inscripción próximamente