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# Participación en Horizonte Europa

## Aspectos prácticos en la preparación de propuestas

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Condiciones de participación. ¿Quién y cómo participar?

El proceso de evaluación de las propuestas.

La plantilla de la propuesta y algunos aspectos clave.

# Horizonte Europa vs.H2020



## Webinar: How to prepare a successful proposal in Horizon Europe (24 March 2021)

<https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event210324.htm>

*El contenido de esta presentación utiliza fundamentalmente la información proporcionada durante este evento por la CE.*

 European  
Commission

**Webinar: How to prepare a successful proposal in Horizon Europe (24 March 2021)**

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General info & documents  
Morning session  
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**24  
MARCH  
2021**

16:30 - 18:00 OCT  
Webinar: How to prepare a successful proposal in Horizon Europe  
Documents:  
Agenda  
Presentation: Submission and evaluation of proposals: Proposal templates, basic principles, evaluation criteria (Robert NTERAKARA OKAMBO, Denis VAN DUARENHIEU)  
Presentation: The rules of the game - the Model Grant Agreement (Simone STAKEL)  
Markus NYLUND-JORGENSEN, Julien DUJOT, Swen BERDAN  
Standard application form (SFAN)  
General Model Grant Agreement  
Gender: Equality in Academia and Research - GEAR tool

**YouTube recording - morning session**

**Agenda**

- 10:00 Welcome by Anna Panagopoulou, Director of the Common Implementation Centre
- 10:10 Agenda and logistics
- 10:15 Submission and Evaluation: Proposal templates, basic principles, evaluation criteria
- 11:15 Q&A session
- 12:30 Lunch Break
- 14:00 Welcome address by Jean-Eric Paquet, Director General of DG Research and Innovation
- 14:15 The rules of the game - the Model Grant Agreement
- 15:15 Q&A session
- 16:15 End of the meeting

# Horizonte Europa vs.H2020



<https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event210421.htm>



Webinar: A successful proposal for Horizon Europe: Scientific-technical excellence is key, but don't forget the other aspects (21 April 2021)

## Documents:

### Agenda

Presentation: [New approach to impact following the Key Impact Pathways](#)

Presentation: [Dissemination, Exploitation and Communication](#)

Presentation: [Open Science](#)

Presentation: [Gender dimension](#)

Presentation: ["Do no significant harm" principle](#)

[Standard application form \(RIA/IA\)](#)

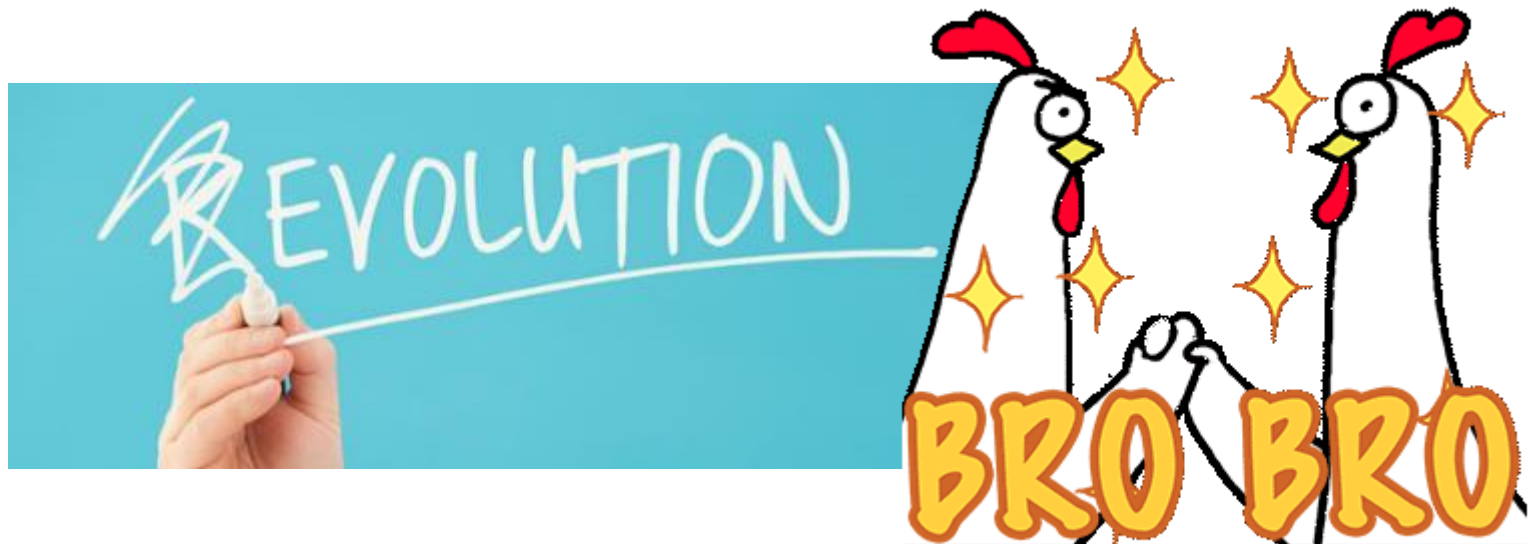
[General Model Grant Agreement](#)

[Gender Equality in Academia and Research - GEAR tool](#)

21  
APRIL

2021

# Condiciones de participación. ¿Quién y cómo participar?





# 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

Substantial reduction in maximum length:

- ☐ RIAs and IAs type of actions: limit for a full application is **45 pages** ← **New**
- ☐ CSAs: limit is **30 pages** ← **New**
- ☐ First stage proposals: limit is **10 pages**
- ☐ EIC Pathfinder: limit is **17 pages**
- ☐ Exceptions, if any, would be specified in the call text.





# Condiciones de elegibilidad

## Consortium composition (collaborative projects)

- **at least one** independent legal entity established in a **Member State**, and
- **at least two other independent** legal entities each established either **in a different Member State or an Associated Country**.



## Gender Equality Plan (applicable only from 2022 on)



Participants that are public bodies, research organisations or higher education establishments from Members States and Associated countries **must have a gender equality plan**, covering minimum process-related requirements.

- **A self-declaration will be requested at proposal stage** (for all types of participants).
- Included in the entity validation process (based on self-declaration)





# ¿Quién es elegible para recibir financiación?



## EU COUNTRIES

- Member States (MS) including their outermost regions
- The Overseas Countries and Territories (OCTs) linked to the MS.



## NON-EU COUNTRIES

- Countries associated to Horizon Europe (AC)
- Low and middle income countries: See [HE Programme Guide](#).
- Other countries when announced in the call or exceptionally if their participation is essential



## SPECIFIC CASES

- Affiliated entities established in countries eligible for funding.
- EU bodies
- International organisations (IO):
  - International European research organisations are eligible for funding.
  - Other IO are not eligible (only exceptionally if participation is essential)
  - IO in a MS or AC are eligible for funding for Training and mobility actions and when announced in the call conditions



# Países asociados



For the purposes of the eligibility conditions, **applicants established in Horizon 2020 Associated Countries** or in other third countries negotiating association to Horizon Europe will be treated as entities established in an Associated Country, if the Horizon Europe association agreement with the third country concerned applies at the time of signature of the grant agreement.

## Specific situation of UK

- The UK is expected to soon become an associated country to Horizon Europe. UK entities can take part in the first calls for proposals of Horizon Europe
- The UK is associating to the full Horizon Europe programme with the only exception of the EIC Fund (which is the loan/equity instrument of the EIC).



# Actividades elegibles para financiación

**Eligible activities are the ones described in the call conditions**

Activities must **focus exclusively on civil applications** and **must not**:

- aim at human cloning for reproductive purposes;
- intend to modify the genetic heritage of human beings which could make such changes heritable (except for research relating to cancer treatment of the gonads, which may be financed);
- intend to create human embryos solely for the purpose of research, or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer;
- lead to the destruction of human embryos.

# Tipo de acción elegibles para financiación

Research and innovation action (RIA)

Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.

Innovation action (IA)

Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.

Coordination and support actions (CSA)

Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except for 'Widening participation and spreading excellence'

Programme co-fund actions (CoFund)

A programme of activities established or implemented by legal entities managing or funding R&I programmes, other than EU funding bodies.

Innovation and market deployment actions (IMDA)

Training and mobility actions (TMA)

Pre-commercial procurement actions/ (PCP)

Public procurement of innovative solutions actions (PPI)



# Máxima intensidad de la financiación

Type of Action	Funding rate
Research and innovation action	100%
Innovation action	70% (except for non-profit legal entities, where a rate of up to 100% applies) * Other funding rates may be set out in the specific call conditions
Coordination and support action	100%
Programme co-fund action	Between 30% and 70%
Innovation and market deployment	70% (except for non-profit legal entities, where a rate of up to 100% applies)
Training and mobility action	100%
Pre-commercial procurement action	100%
Public procurement of innovative solutions action	50%

# El proceso de evaluación de las propuestas

## Novedades del Horizonte Europa





# ¿Qué novedades hay en el proceso de evaluación?





# Criterios de evaluación – Novedades HE

## Same criteria as in H2020

Same three award criteria: '**Excellence**', '**Impact**' and '**Quality and efficiency of the implementation**'.  
Excellence only for ERC.

## Adapted following lessons learnt



- The number of '**aspects to be taken into account**' have been **reduced**, ensuring that the same aspect is not assessed twice
- **Open Science** practices assessed as part of the scientific methodology in the excellence criterion
- **New approach to impact**: Key Impacts Pathways (KIPs)
- The assessment of the **quality of applicants** is assessed under 'implementation', rather than as a separate binary assessment of operational capacity
- Assessment of **management structures** has been removed.





# Criterios de evaluación (RIAs e IAs)

## EXCELLENCE

- ✓ Clarity and pertinence of the **project's objectives**, and the extent to which the proposed work is ambitious, and goes beyond the state-of-the-art.
- ✓ Soundness of the proposed **methodology**, including the underlying concepts, models, assumptions, interdisciplinary approaches, appropriate consideration of the **gender dimension** in research and innovation content, and the quality of **open science practices** including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate.

## IMPACT

- ✓ Credibility of the **pathways** to achieve the expected **outcomes and impacts** specified in the work programme, and the likely scale and significance of the contributions due to the project.
- ✓ Suitability and quality of the **measures to maximize expected outcomes and impacts**, as set out in the dissemination and exploitation plan, including communication activities.

## QUALITY AND EFFICIENCY OF THE IMPLEMENTATION

- ✓ Quality and effectiveness of the **work plan**, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall.
- ✓ Capacity and role of each **participant**, and extent to which the **consortium** as a whole brings together the necessary expertise.

*Proposals aspects are assessed to the extent that the proposed work is within the scope of the work programme topic*



# Proceso de evaluación estándar

## Individual evaluation

Experts assess proposals **individually**.  
Minimum of three experts per proposal (but often more than three).

## Consensus group

All individual experts discuss together to agree on a **common position**, including comments and scores for each proposal.

## Panel review

The panel of experts reach an **agreement** on the scores and comments for all proposals within a call, checking **consistency across the evaluations**.

if necessary, resolve cases where evaluators were unable to agree.

Rank the proposals with the same score

## Finalisation

The Commission/Agency reviews the results of the experts' evaluation and puts together the **final ranking list**.



# Evaluación en una o dos etapas

## Proposal scoring



1st stage

Criteria	Threshold
Excellence	4
Impact	4
Implementation	n/a
<b>TOTAL</b>	<b>dynamic</b>

Closest to 3 times (but at least 2,5 times) the available budget invited to the 2<sup>nd</sup> stage

Single /  
2<sup>nd</sup> stage

Criteria	Threshold	IA factor (ranking)
Excellence	3	n/a
Impact	3	x 1,5
Implementation	3	n/a
<b>TOTAL</b>	<b>10</b>	n/a

Standard Thresholds!!!  
Check call/topic conditions



# El desempate

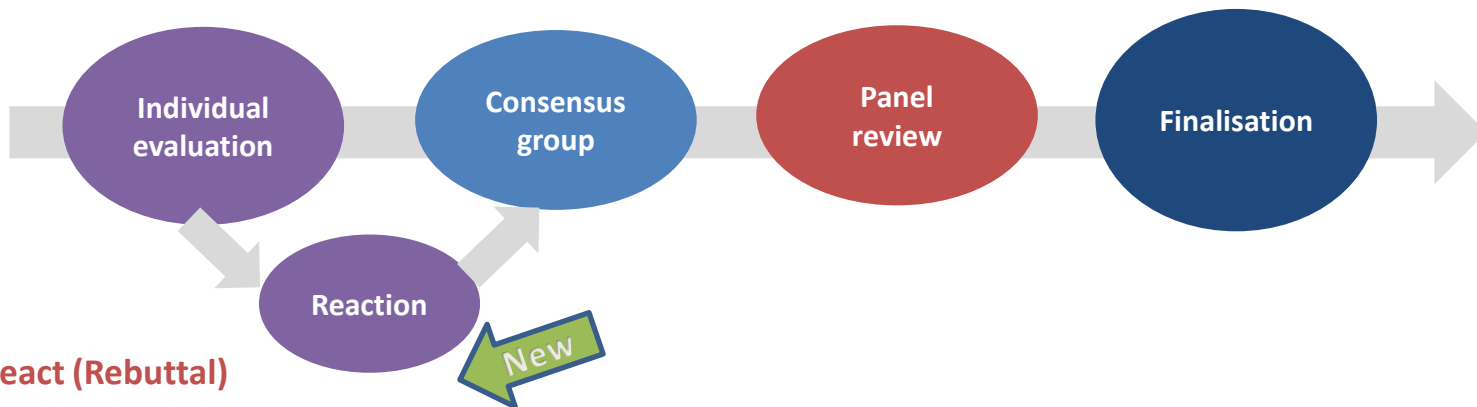
## Propuestas con idéntica puntuación

- **WP coverage**
- **(RIA) Their score for Excellence / Impact**  
**(IA) Their score for Impact / Excellence**
- **Gender balance (personnel in the proposal)**
- **Geographical diversity (MMSS or AC)**
- ***Other factors; synergies between projects or involving SME***





# Probando nuevos procesos basados en las lecciones aprendidas



## Right-to-react (Rebuttal)

- Objective is to increase transparency, to correct any factual or major misunderstandings by experts at an early stage, and provide more detailed feedback to applicants.
- Applicants will send their reactions to draft experts comments
- Experts will take applicants' reaction into account before finalising their final assessment.



# Probando nuevos procesos basados en las lecciones aprendidas

**Blind evaluation (in 1<sup>st</sup> stage)**

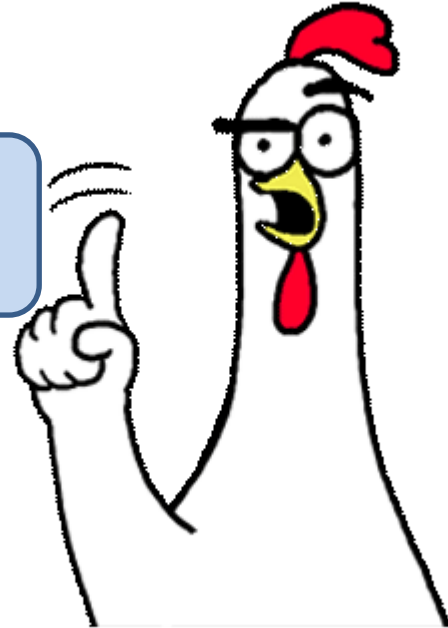


- There is no evidence that the current proposal evaluation system is systematically biased.
- There are understandable concerns that evaluation experts may be swayed – perhaps unconsciously – in favour of proposals from well-known organisations in countries with better performing R&I systems.
- ‘Blind’ evaluation is a way to remove any real or perceived effect of such reputational bias.
- Experts evaluate without knowing the identity of participants.
- The work programme will include an additional admissibility criterion: applicants can not be disclosed in the narrative part of the proposal.

# La plantilla de la propuesta y algunos aspectos clave



[Search Funding & Tenders](#)







# Plantilla propuesta (Proposal Template)

## Same structure

The proposal contains two parts:

- **Part A** (web-based forms) is generated by the IT system. It is based on the information entered by the participants through the submission system in the Funding & Tenders Portal.
- **Part B** is the narrative part that includes **three sections** that each correspond to an **evaluation criterion**. Part B needs to be uploaded as a PDF document following the templates downloaded by the applicants in the submission system for the specific call or topic.

Horizon Europe Programme  
Standard Proposal Template (RIA, IA)

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

Version 1.0  
10 March 2021

[https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/af/af\\_he-ria-ia\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/af/af_he-ria-ia_en.pdf)

# Novedades en la propuesta de Horizonte Europa



## CHANGE IN PART B

- Page limit

Horizon Europe Programme  
Standard Application Form (RIA, IA)

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

Version 1.1  
19 April 2021

- Title,
- List of participants and
- sections 1, 2 and 3,  
together,

**should not be longer than  
45 pages.**

Horizon Europe Programme  
Standard Application Form (CSA)

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

Version 1.1  
19 April 2021

- Title,
- List of participants and
- sections 1, 2 and 3,  
together,

**should not be longer than  
30 pages.**

# Novedades en la propuesta de Horizonte Europa



## NEW FIELDS IN PART A

- Researchers table – needed to follow up researchers careers (HE indicator)
- Role of participating organisation
- Self-declaration on gender equality plan



## FIELDS MOVED FROM PART B TO PART A

- Ethics self-assessment
- Security questionnaire **(NEW! in all HE proposals)**
- Information on participants' previous activities related to the call



## NEW IN PART B

- Glossary of terms.
- Consistency on the use of terminology is ensured in all project phases (from WP to proposal and reporting)
- Extensive explanations on what exactly should be included in each section.



# Escrutinio sobre seguridad

New in Horizon Europe



Security issues will be checked **systematically** in all Horizon Europe proposals (in H2020 only proposals submitted to topics flagged as 'security-sensitive' were checked). The checks are based on a **self-assessment** included in the proposal. The focus is on:

- Whether the proposal uses or generates **EU classified information**
- Potential of **misuse** of results (that could be channeled into crime or terrorism)
- Whether activities involve information or materials subject to **national security restrictions**

The checks based on the self-assessment may trigger an in-depth security scrutiny.

# Aspectos clave en la propuesta



Your proposed work must be **within the scope** of a work programme **topic**



You need to demonstrate that your idea is **ambitious** and goes **beyond the state of the art**



Your scientific **methodology** must take into account **interdisciplinary, gender dimension** and **open science** practices. It must **not** significantly **harm the environment**



You should show how your project could contribute to the **outcomes and impacts** described in the work programme (**the pathway to impact**)



You should describe the planned measures to **maximise the impact** of your project ('**plan for the dissemination and exploitation** including communication activities')



You should demonstrate the **quality** of your **work plan, resources and participants**

EXCELLENCE

IMPACT

IMPLEMENTATION

# El programa de trabajo- el topic



EN

**Horizon Europe**

**Work Programme 2021-2022**

*7. Digital, Industry and Space*

## **DESTINATION – CLIMATE NEUTRAL, CIRCULAR AND DIGITISED PRODUCTION**

This destination will directly support the following Key Strategic Orientations, as outlined in the Strategic Plan:

- KSO C, 'Making Europe the first digitally led circular, climate-neutral and sustainable economy through the transformation of its mobility, energy, construction and production systems.'
- KSO A, 'Promoting an open strategic autonomy by leading the development of key digital, enabling and emerging technologies, sectors and value chains to accelerate and steer the digital and green transitions through human-centred technologies and innovations.'
- KSO D, 'Creating a more resilient, inclusive and democratic European society,

In the first Work Programme, outcomes of R&I investments in the long-term will focus on the following impacts:

- Accelerate the twin green and digital transition of the manufacturing and construction sectors;
- Create a new green, flexible and digital way to build and produce goods. This will lead to sustainable, flexible, responsive and resilient factories and value chains, enabled by digitisation, AI, data sharing, advanced robotics and modularity. At the same time it will help reduce CO<sub>2</sub> emissions and waste in these sectors, and enhance the durability,

[Enlace al Programa de trabajo](#)

# El programa de trabajo- el topic



<b>HORIZON-CL4-2021-TWIN-TRANSITION-01-01: AI enhanced robotics systems for smart manufacturing (IA)</b>	
<b>Specific conditions</b>	
<b>Expected EU contribution per project</b>	The EU estimates that an EU contribution of between EUR 8.00 and 10.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<b>Indicative budget</b>	The total indicative budget for the topic is EUR 28.00 million.
<b>Type of Action</b>	Innovation Actions
<b>Technology Readiness Level</b>	Activities are expected to start at TRL 5 and achieve TRL 7 by the end of the project – see General Annex B.
<b>Expected Outcome</b> Projects are expected to contribute to the following outcomes:	
<ul style="list-style-type: none"><li>• Provide safe, highly flexible, reconfigurable and modular solutions, allowing fast response to repurposing changes in production requirements, reducing considerably programming effort and configuration time for new products;</li><li>• Demonstrate significant improvements towards a meaningful and seamless social collaboration in teams of human workers, autonomous agents and robots by exploiting the latest advancements in AI, robotics and Social Sciences and Humanities (SSH);</li><li>• Create a network of open-access pilots to allow new users, especially students, start-ups, representatives from the makers' community and SMEs, to experiment new technologies and to enable data and knowledge sharing through the European industrial ecosystems.</li></ul>	
<b>Scope:</b> EU and Associated countries need to strengthen their capacity to manufacture and re-manufacture goods in a sustainable and competitive way to be ready to expand into new value chains. The recent crisis has also shown the importance of resilient, flexible, reconfigurable and responsive data-driven manufacturing lines.	

Cubrir el topic al 100%, dar respuesta a todo lo que se indica en los distintos apartados:

- Specific conditions
- Expected outcome
- Scope

Tener en cuenta todos los matices de cada topic; policies, RRI, INCO, SSH, gender,, ...

Y...dar respuesta a los *Expected Impacts* (a uno o a varios) a nivel de “Destination”

[Enlace al Programa de trabajo](#)



# Consideraciones políticas y aspectos horizontales



**Open Science across the programme**



**Gender dimension in R&I content**



**Pathway to impact**



**Measures to maximise impact**



**Do no significant harm principle (DNSH)**



**Artificial intelligence**

These aspects must normally be considered in all Horizon Europe calls (unless explicitly mentioned in the topic description).

Specific calls may include other aspects to take into account (SSH,...)

**Future webinars focused on these specific aspects will come soon.**



# “Open Science” en todo el programa

## Open Science

Open science is an approach based on open cooperative work and systematic sharing of knowledge and tools as early and widely as possible in the process. Including active engagement of society


**Mandatory immediate Open Access to publications:** beneficiaries must retain sufficient IPRs to comply with open access requirements;

**Data sharing as ‘open as possible, as closed as necessary’:** mandatory Data Management Plan for FAIR (Findable, Accessible, Interoperable, Reusable) research data

- Work Programmes may incentivize or oblige to adhere to **open science practices** such as involvement of citizens, or to use the **European Open Science Cloud**
- Assessment of open science practices through the **excellence award criteria** for proposal evaluation. Under **quality of participants** previous experience on open sciences practices will be evaluated positively.
- Dedicated support to **open science policy actions**
- **Open Research Europe** publishing platform



# Igualdad de Género en Horizonte Europa

- **Gender Equality Plan** (applicable from 2022 onwards for public bodies, research organizations or higher education institutions )
- **Integration of the gender dimension**
- **Gender balance** (Ranking Criteria for “ex aequo” proposals)

Ahora se evalúa en el apartado de excelencia



# Describir el impacto de tu propuesta

**Project's  
pathway towards  
impact**

...by thinking about the specific contribution the project can make to the expected outcomes and impacts set out in the Work Programme.

## Horizon Europe

- Impact-driven Framework Programme
- Contribution to expected outcomes (topic level), expected impacts (Destination level), other policies/initiatives (at WP level).

# Relación entre políticas y resultado de los proyectos

Strategic Planning and Programming (EC)

STRATEGIC PLAN

WORK PROGRAMME

<b>EU POLICY PRIORITIES</b>	Overall priorities of the European Union (Green Deal, Fit for the Digital Age,...)
<b>KEY STRATEGIC ORIENTATIONS</b>	Set of strategic objectives within the EC policy priorities where R&I investments are expected to make a difference
<b>IMPACT AREAS</b>	Group of expected impacts highlighting the most important transformation to be fostered through R&I
<b>EXPECTED IMPACTS = DESTINATIONS</b>	<b>Wider long term effects on society (including the environment), the economy and science</b> , enabled by the outcomes of R&I investments (long term). It refers to the specific contribution of the project to the work programme expected impacts described in the destination. Impacts generally occur some time after the end of the project.
<b>EXPECTED OUTCOMES = TOPICS</b>	<b>The expected effects, over the medium term</b> , of projects supported under a given topic. The results of a project should contribute to these outcomes, fostered in particular by the dissemination and exploitation measures. This may include the uptake, diffusion, deployment, and/or use of the project's results by direct target groups. Outcomes generally occur during or shortly after the end of the project.
<b>PROJECT RESULTS</b>	<b>What is generated during the project implementation</b> . This may include, for example, know-how, innovative solutions, algorithms, proof of feasibility, new business models, policy recommendations, guidelines, prototypes, demonstrators, databases and datasets, trained researchers, new infrastructures, networks, etc. Most project results (inventions, scientific works, etc.) are 'Intellectual Property', which may, if appropriate, be protected by formal 'Intellectual Property Rights'

PROJECT PROPOSALS

Application process (researchers)



# Medidas para maximizar el impacto

(D&E&C)  
Dissemination,  
exploitation and  
communication

To include a draft plan in proposal is an admissibility condition, unless the work programme topic explicitly states otherwise.

All measures should be **proportionate** to the scale of the project, and should contain **concrete actions** to be implemented both **during and after** the end of the project

## Elements of the (D&E&C plan)

- **Planned measures** to maximise the impact of projects
- **Target groups** (e.g. scientific community, end users, financial actors, public at large) and **proposed channels** to interact
- **Communication measures** for promoting the project and its findings throughout the full lifespan of the project
- **Policy feedback** measures to contribute to policy shaping and supporting the implementation of new policy initiatives and decisions
- Follow-up plan to foster **exploitation/uptake** of the results
  - Comprehensive and feasible strategy for the **management of the intellectual property** (the provision of a results ownership list is mandatory at the end of the project)
  - If exploitation is expected primarily in non-associated third countries, give a convincing justification that this is still in the Union's interest.



# Resumen del Impacto (Impact Canvas)

NEW

## KEY ELEMENT OF THE IMPACT SECTION

SPECIFIC NEEDS	EXPECTED RESULTS	D & E & C MEASURES	TARGET GROUPS	OUTCOMES	IMPACTS
<p><i>What are the specific needs that triggered this project?</i></p> <p><b>Example 1</b> Most airports use process flow-oriented models based on static mathematical values limiting the optimal management of passenger flow and hampering the accurate use of the available resources to the actual demand of passengers.</p> <p><b>Example 2</b> Electronic components need to get smaller and lighter to match the expectations of the end-users. At the same time there is a problem of sourcing of raw materials that has an environmental impact.</p>	<p>What do you expect to generate by the end of the project?</p> <p><b>Example 1</b> <b>Successful large-scale demonstrator:</b> <b>Successful large-scale demonstrator:</b> Trial with 3 airports of an advanced forecasting system for proactive airport passenger flow management.</p> <p><b>Algorithmic model:</b> Novel algorithmic model for proactive airport passenger flow management.</p> <p><b>Example 2</b> Publication of a <b>scientific discovery on transparent electronics</b>.</p> <p><b>New product:</b> More sustainable electronic circuits.</p> <p><b>Three PhD students trained.</b></p>	<p>What dissemination, exploitation and communication measures will you apply to the results?</p> <p><b>Example 1</b> <b>Exploitation:</b> Patenting the algorithmic model.</p> <p><b>Dissemination towards the scientific community and airports:</b> Scientific publication with the results of the large-scale demonstration.</p> <p><b>Communication towards citizens:</b> An event in a shopping mall to show how the outcomes of the action are relevant to our everyday lives.</p> <p><b>Example 2</b> <b>Exploitation of the new product:</b> Patenting the new product; Licencing to major electronic companies.</p> <p><b>Dissemination towards the scientific community and industry:</b> Participating at conferences; Developing a platform of material compositions for industry; Participation at EC project portfolios to disseminate the results as part of a group and maximise the visibility vis-à-vis companies.</p>	<p><i>Who will use or further up-take the results of the project? Who will benefit from the results of the project?</i></p> <p><b>Example 1</b> <b>9 European airports:</b> Schiphol, Brussels airport, etc.</p> <p><b>The European Union aviation safety agency.</b></p> <p><b>Air passengers (indirect).</b></p> <p><b>Example 2</b> <b>End-users:</b> consumers of electronic devices.</p> <p><b>Major electronic companies:</b> Samsung, Apple, etc.</p> <p><b>Scientific community</b> (field of transparent electronics).</p>	<p><i>What change do you expect to see after successful dissemination and exploitation of project results to the target group(s)?</i></p> <p><b>Example 1</b> <b>Up-take by airports:</b> 9 European airports adopt the advanced forecasting system demonstrated during the project.</p> <p><b>Example 2</b> <b>High use of the scientific discovery published</b> (measured with the relative rate of citation index of project publications).</p> <p><b>A major electronic company</b> (Samsung or Apple) <b>exploits/uses the new product</b> in their manufacturing.</p>	<p><i>What are the expected wider scientific, economic and societal effects of the project contributing to the expected impacts outlined in the respective destination in the work programme?</i></p> <p><b>Example 1</b> <b>Scientific:</b> New breakthrough scientific discovery on passenger forecast modelling.</p> <p><b>Economic:</b> Increased airport efficiency Size: 15% increase of maximum passenger capacity in <a href="#">European</a> airports, leading to a 28% reduction in infrastructure expansion costs.</p> <p><b>Example 2</b> <b>Scientific:</b> New breakthrough scientific discovery on transparent electronics.</p> <p><b>Economic/Technological:</b> A new market for touch enabled electronic devices.</p> <p><b>Societal:</b> Lower climate impact of electronics manufacturing (including through material sourcing and waste management).</p>



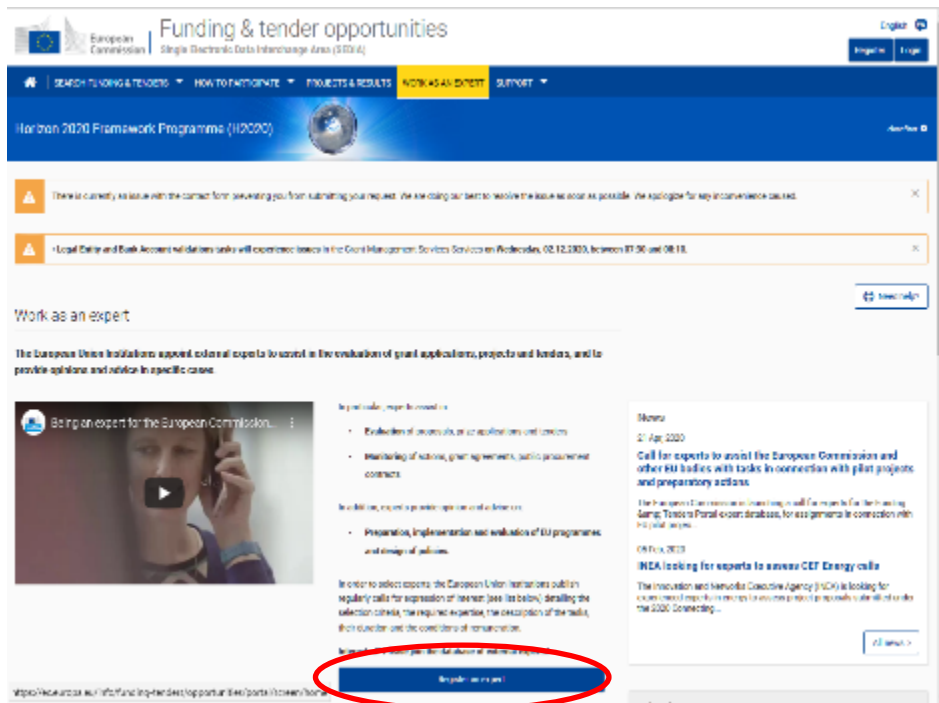
Y después de este repaso.... A preparar nuestro camino hacia una propuesta de éxito





# Regístrate como experto

- The best way to learn is by doing
- You can register in the EU experts database at any time.
- Click [here](#) to register!





# Documentos clave para empezar a trabajar

- **Draft Work Programme HE- Cluster 4 2021-2022:**

<https://ec.europa.eu/transparency/regexpert/index.cfm?do=groupDetail.groupMeeting&meetingId=24499>

Reference documents – [Horizon Europe](#):

- Horizon Europe Work Programme 2021-2022. 13. General Annexes (31/03/2021)

[https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-13-general-annexes\\_horizon-2021-2022\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-13-general-annexes_horizon-2021-2022_en.pdf)

- Standard Proposal template (RIA&IA)

[https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/af/af\\_he-ria-ia\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/af/af_he-ria-ia_en.pdf)

- EU Funding & Tenders Online Manual EU Funding Programmes 2021-2027 (08/02/2021)

[https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/om\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/om_en.pdf)

# Apoyo al participante

Próximos  
eventos  
informativos  
y de apoyo  
al  
participante

- Contacte con el equipo de Clúster 4 Industria para consultas
- *Próximas sesiones informativas regionales*
- *Workshops y Brokerage events para apoyo a búsqueda de socios y preparación propuestas*
- **29 de junio Brokerage Even EEN – CDTI Clúster 4 Industria**

Cataluña	1 de junio
Andalucía	1 de julio
Valencia	21 de junio
País Vasco	25 de junio



+ info sobre programas y ayudas  
para la  
internacionalización de la I+D+I española



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