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La preparación de la propuesta

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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)

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General info & documents

Morning session

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Agenda

- 10:00 **Welcome by Anna Panagopoulou**,
Director of the Common Implementation Centre
- 10:10 **Agenda and logistics**
- 10:15 **Submission and Evaluation:**
Proposal template, 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




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

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Previous webinar

Help

Draft agenda:

- 10:00 Presentation, agenda and logistics
- 10:10 New approach to impact following the Key Impact Pathways
- 10:40 Dissemination, Exploitation and Communication
- 11:10 Open Science
- 11:40 Gender dimension
- 12:10 "Do no significant harm" principle
- 12:30 End of the session

Webinars:

- [How to prepare a successful proposal in Horizon Europe \(24 March 2021\)](#)
- [A successful proposal for Horizon Europe: Scientific-technical excellence is key, but don't forget the other aspects \(21 April 2021\)](#)

El contenido de esta presentación utiliza fundamentalmente la información proporcionada durante estos eventos de la CE.



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**
- CSAs: limit is **30 pages**
- First stage proposals: limit is **10 pages**
- EIC Pathfinder: limit is **17 pages**
- Exceptions, if any, would be specified in the call text.


NEW

NEW



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.

Tipos 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)
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%

** Other funding rates may be set out in the specific call conditions*

El proceso de evaluación de las propuestas.

Novedades en Horizonte Europa





¿Novedades en el proceso de evaluación?





Evaluación en una o dos etapas

Proposal scoring



1st stage

Criteria	Threshold
Excellence	4
Impact	4
Implementation	n/a
TOTAL	dynamic

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

Single /
2nd stage

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

Research
Executive
Agency



El desempate

Propuestas con idéntica puntuación

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





Criteria 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

NEW

- 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.

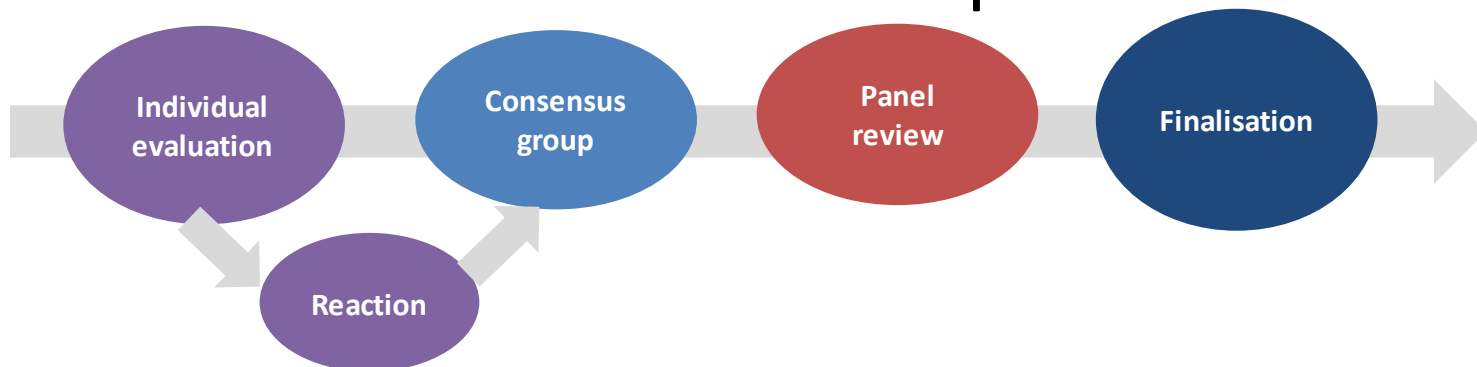
Rank the proposals with the same score

Finalisation

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



Probando nuevos procesos basados en las lecciones aprendidas



Right-to-act (Rebuttal)

NEW

- 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 1st stage)

NEW

- 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.



Revisión aspectos de ética

Same criteria as in H2020

For all activities funded, ethics is an **integral part** of research from beginning to end, and **ethical compliance** is essential to achieve real research excellence. An ethics review process is carried out systematically in all Horizon Europe proposals, based on a **self-assessment** included in the proposal.

Ethical research conduct implies the application of fundamental ethical principles and legislation in all possible domains of research. This includes the adherence to the highest standards of **research integrity** as described in the **European Code of Conduct for Research Integrity**.

Adapted following lessons learnt

- Focus mainly on complex/serious cases
- Reduce number of ethics requirements in funded projects.



Escrutinio sobre seguridad

New in Horizon Europe

NEW

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.

La plantilla de la propuesta y algunos aspectos clave



[Search Funding & Tenders opportunities](#)



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 Application Form (RIA, IA)

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

Version 1.1
19 April 2021

Horizon Europe Programme
Standard Application Form (CSA)

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

Version 1.1
19 April 2021

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.

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**

Del programa de trabajo al “topic”



EN

Horizon Europe

Work Programme 2021-2022

9. Food, Bioeconomy, Natural Resources, Agriculture and Environment

This draft has not been adopted or endorsed by the European Commission. Any views expressed are the preliminary views of the Commission services and may not in any circumstances be regarded as stating an official position of the Commission. The information transmitted is intended only for the Member State or entity to which it is addressed for discussions and may contain confidential and/or privileged material

Horizon Europe - Work Programme 2021-2022
Food, Bioeconomy, Natural Resources, Agriculture and Environment

Destination – Circular economy and bioeconomy sectors

Expected impacts

Proposals for topics under this Destination should set out a credible pathway to developing circular economy and bioeconomy sectors, achieving sustainable and circular management and use of natural resources, as well as prevention and removal of pollution, unlocking the full potential and benefits of the circular economy and the bioeconomy, ensuring competitiveness and guaranteeing healthy soil, air, fresh and marine water for all, through better understanding of planetary boundaries and wide deployment and market uptake of innovative technologies and other solutions, notably in primary production (forestry) and bio-based systems.

Specifically, the topics will target one or several of the following impacts, for circular economy, bio-based sectors, forestry and aquatic value chains:

- **Regional, rural, local/urban and consumer-based transitions** towards a sustainable, regenerative, inclusive and just circular economy and bioeconomy across all regions of Europe based on **enhanced knowledge and understanding of science**, in particular regarding biotechnology-based value chains, for all actors, including policy makers, to design, implement and monitor policies and instruments for a circular and bio-based transitions.
- **European industrial sustainability, competitiveness and resource independence** by lowering the use of primary non-renewable raw materials and reducing greenhouse gas emissions and other negative environmental footprint (including on biodiversity), enabling climate-neutrality and higher resource efficiency (e.g. by circular design, improved waste management, cascading use of biomass) along and across value chains, developing innovative and sustainable value-chains in the bio-based sectors, substituting fossil-based ones, increasing circular practices in textiles, plastics, electronics and construction, developing recycling technologies and industrial symbiosis, increasing circular bio-based systems from sustainably sourced biological resources replacing carbon-intensive and fossil-based systems, with inclusive engagement of all stakeholders;
- **Improved consumer and citizen benefits**, including in the rural settings by establishing circular and bio-based systems based on sustainability, inclusiveness, health and safety;

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Horizon Europe - Work Programme 2021-2022
Food, Bioeconomy, Natural Resources, Agriculture and Environment

HORIZON-CL6-2021-CIRC-BIO-01-07: Microbiomes for bio-based innovation and environmental applications

Specific conditions

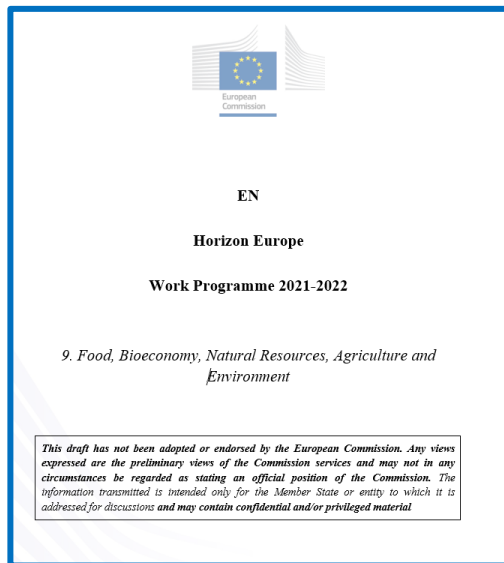
<i>Expected EU contribution per project</i>	The EU estimates that an EU contribution of around EUR 6.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 6.00 million.
<i>Type of Action</i>	Innovation Actions
<i>Technology Readiness Level</i>	Activities are expected to achieve TRL 6-7 by the end of the project – see General Annex B.

Expected Outcome: The successful proposal should contribute to the impacts of this Destination, and the European policies it supports, in particular the European Green Deal, the Circular Economy Action Plan and the Bioeconomy Strategy, and as related to improving European industrial²⁰¹ sustainability, competitiveness and resource independence, developing innovative bio-based products, with inclusive engagement of all stakeholders, enhancing knowledge and understanding of science, in particular biotechnology-based value chains, for all actors, as well as improving consumer and citizen benefits.

Project results are expected to contribute to all of the following outcomes:

- Deeper understanding of the structural composition of microbiomes, their structure, functions, mechanisms, and potentials, as related to the bio-based innovation (i.e. bio-based materials, biochemicals, products and services, including the environmental applications), as well as improved methods of their isolation and cultivation, leading to innovative solutions to engineer and control microbiomes to guarantee safety and efficacy for specific applications.
- Improved interdisciplinary cooperation for R&D&I between academia and industrial sectors (e.g. industrial biotechnology, food, pharma and ICT/data industries) and higher engagement of industry and SMEs.
- More systematic adoption of recent advances in molecular biology and biotechnology to increase industrial uptake of R&D&I on microbiota and especially on their complex communities via biotechnology approaches, leading to more cost- and resource-efficient production of high-value complex molecules, lowering pressure on natural resources, or increasing their use in environmental applications.

Del programa de trabajo al “topic”



Horizon Europe - Work Programme 2021-2022
Food, Bioeconomy, Natural Resources, Agriculture and Environment

Destination – Circular economy and bioeconomy sectors

Expected impacts

Proposals for topics under this Destination should set out a credible pathway to developing circular economy and bioeconomy sectors, achieving sustainable and circular management and use of natural resources, as well as prevention and removal of pollution, unlocking the

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

NEW

- **European industrial sustainability, competitiveness and resource independence** by lowering the use of primary non-renewable raw materials and reducing greenhouse gas emissions and other negative environmental footprint (including on biodiversity), enabling climate-neutrality and higher resource efficiency (e.g. by circular design, improved waste management, cascading use of biomass) along and across value chains, developing innovative and sustainable value-chains in the bio-based sectors, substituting fossil-based ones, increasing circular practices in textiles, plastics, electronics and construction, developing recycling technologies and industrial symbiosis, increasing circular bio-based systems from sustainably sourced biological resources replacing carbon-intensive and fossil-based systems, with inclusive engagement of all stakeholders;
- **Improved consumer and citizen benefits**, including in the rural settings by establishing circular and bio-based systems based on sustainability, inclusiveness, health and safety;

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Horizon Europe - Work Programme 2021-2022
Food, Bioeconomy, Natural Resources, Agriculture and Environment

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

- *Specific conditions*
- *Expected outcomes*
- *Scope*

• Deeper understanding of the structural composition of microbiomes, their structure,

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

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 (AI)

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, INCO,...)

Future EC 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;

Additional Open Science practices

- 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 (<https://open-research-europe.ec.europa.eu/>)



La dimensión de Género en el contenido de la I+D

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?



Describir el impacto de tu propuesta

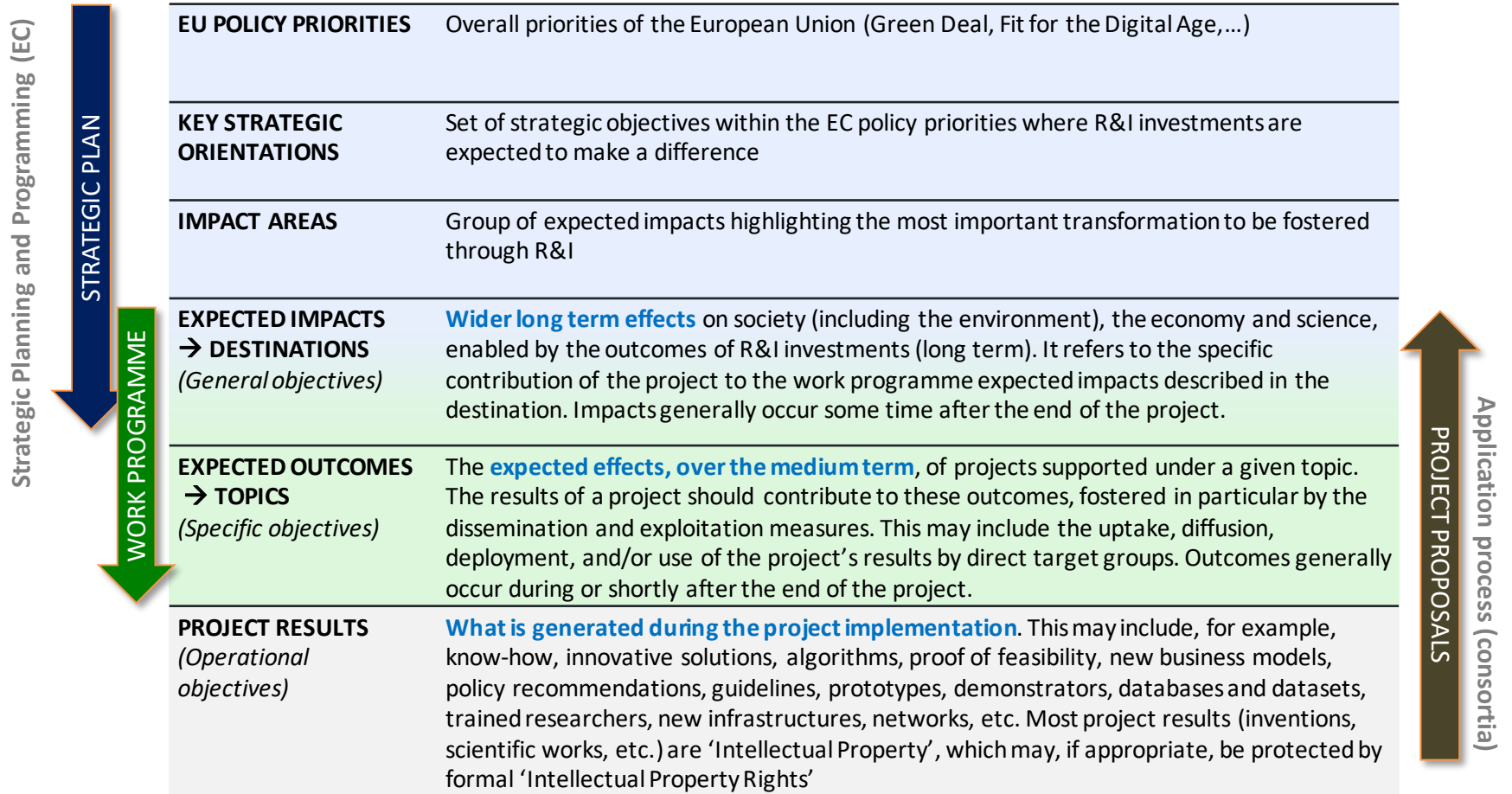
Project's pathway towards impact

...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).

Prioridades políticas → Resultados de los proyectos





Medidas para maximizar el impacto

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 + IP management

- **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>Example 1 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>Example 2 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>Example 1 Successful large-scale demonstrator: Successful large-scale demonstrator: Trial with 3 airports of an advanced forecasting system for proactive airport passenger flow management.</p> <p>Algorithmic model: Novel algorithmic model for proactive airport passenger flow management.</p> <p>Example 2 Publication of a scientific discovery on transparent electronics.</p> <p>New product: More sustainable electronic circuits.</p> <p>Three PhD students trained.</p>	<p>What dissemination, exploitation and communication measures will you apply to the results?</p> <p>Example 1 Exploitation: Patenting the algorithmic model.</p> <p>Dissemination towards the scientific community and airports: Scientific publication with the results of the large-scale demonstration.</p> <p>Communication towards citizens: An event in a shopping mall to show how the outcomes of the action are relevant to our everyday lives.</p> <p>Example 2 Exploitation of the new product: Patenting the new product; Licencing to major electronic companies.</p> <p>Dissemination towards the scientific community and industry: 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>Example 1 9 European airports: Schiphol, Brussels airport, etc.</p> <p>The European Union aviation safety agency.</p> <p>Air passengers (indirect).</p> <p>Example 2 End-users: consumers of electronic devices.</p> <p>Major electronic companies: Samsung, Apple, etc.</p> <p>Scientific community (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>Example 1 Up-take by airports: 9 European airports adopt the advanced forecasting system demonstrated during the project.</p> <p>Example 2 High use of the scientific discovery published (measured with the relative rate of citation index of project publications).</p> <p>A major electronic company (Samsung or Apple) exploits/uses the new product 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>Example 1 Scientific: New breakthrough scientific discovery on passenger forecast modelling.</p> <p>Economic: Increased airport efficiency Size: 15% increase of maximum passenger capacity in European airports, leading to a 28% reduction in infrastructure expansion costs.</p> <p>Example 2 Scientific: New breakthrough scientific discovery on transparent electronics.</p> <p>Economic/Technological: A new market for touch enabled electronic devices.</p> <p>Societal: Lower climate impact of electronics manufacturing (including through material sourcing and waste management).</p>



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



Inteligencia Artificial

Trustworthy Artificial Intelligence

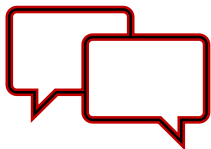
Due diligence is required regarding the trustworthiness of all AI-based systems/ techniques used or developed in projects funded under Horizon Europe.

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, fullback plan and 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 errors, 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 safeguarding 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 impact on people's lives.



Algunos detalles finales...



Regístrate como experto

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SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | **WORK AS AN EXPERT** | SUPPORT

Horizon 2020 Framework Programme (H2020) | clear filter

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Legal Entity and Bank Account validations tasks will experience issues in the Grant Management Services Services on Wednesday, 02.12.2020, between 07:30 and 08:10.

Need help?

Work as an expert

The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.

Being an expert for the European Commission...

In particular, experts assist in:

- Evaluation of proposals, prize applications and tenders
- Monitoring of actions, grant agreements, public procurement contracts

In addition, experts provide opinion and advise on:

- Preparation, implementation and evaluation of EU programmes and design of policies.

In order to select experts, the European Union Institutions publish regularly calls for expression of interest (see list below) detailing the selection criteria, the required expertise, the description of the tasks, their duration and the conditions of remuneration.

Interested? You can join the database of external experts.

Register as expert

News

21 Apr, 2020
Call for experts to assist the European Commission and other EU bodies with tasks in connection with pilot projects and preparatory actions
The European Commission is launching a call for experts for the Funding Ramp; Tenders Portal expert database, for assignments in connection with EU pilot projec...

05 Feb, 2020
INEA looking for experts to assess CEF Energy calls
The Innovation and Networks Executive Agency (INEA) is looking for experienced experts in energy to assess project proposals submitted under the 2020 Connecting...

All news >

- 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 6 2021-2022:

[HORIZON-CL6-2021-2022_04_19_2021.docx](#)

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
- **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
- **Standard Proposal template (CSA)**
https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/af/af_he-csa_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



Algunos eventos clave!!!!!!

24 Marzo /
21 Abril

- **Jornadas Informativas**



[Next events in preparation](#)



29 Abril

- **Infoday Nacional**



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https://eventos.cdti.es/ES/Infoday_Nacional_HE_CLUSTER6_2021



¿7,8 y 9 de
julio?

- **Infoday Comisión y
Brokerage event**



15 y 21
Junio

- **Talleres Preparación
Propuestas**



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Portal español de Horizonte Europa

<https://www.horizonteeuropa.es/>

HORIZONTE



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Telegram

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21 Abr
10:00

#HorizonEU



Webinar "A Successful Proposal For Horizon Europe: Scientific-Technical Excellence Is Key, But Don't Forget The Other Aspects"

La Comisión Europea organiza un nuevo seminario para informar sobre cómo preparar una

< ABRIL 2021 >

L	M	M	J	V	S	D
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2

eventos »



Horizonte2020: España encara la recta final del programa consolidando su cuarta posición

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La Comisión Europea publica el primer Plan Estratégico para Horizonte Europa

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CÓMO PARTICIPAR



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¿Qué podemos hacer los NCPs por vosotros?



LA IDEA



ENCAJE EN TOPIC



EL CONSORCIO



LA PROPUESTA



PROYECTO



EL ACUERDO



EVALUACIÓN



EL ENVÍO



REVISION



NCPs del Clúster 6

Puntos nacionales de contacto

Alimentación, Bioeconomía, Recursos Naturales, Agricultura y Medioambiente



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HORIZONTE EUROPA

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



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