



# Horizonte Europa

## Cómo redactar una propuesta

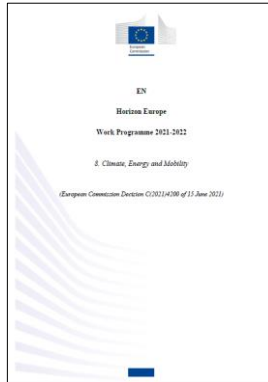
### El apartado de Impacto

# Advertencia

- Esta presentación no sustituye la información proporcionada en los documentos y guías oficiales

# Documentos a tener en cuenta

## Workprogramme



## Proposal Template



## Proposal Evaluation Form

**¡Usar la última versión - se van actualizando!**

**Funding and Tenders Portal – Reference Documents**

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents>

## Criterio de evaluación 2. Impacto

Impact

Credibility of the pathways to achieve the **expected outcomes and impacts** specified in the workprogramme, and the **likely scale and significance of the contribution from the project**

Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the **dissemination and exploitation plan**, including **communication activities**

# 2 – Impact

## 2.1 Project's pathways towards Impacts

2.1.1 Expected outcomes and impacts

2.1.2 Scale and significance of the contribution of the project

2.1.3 Requirements and potential barriers

## 2.2 Measures to maximise impact – Dissemination, Exploitation and Communication

2.2.1 Dissemination activities

2.2.2 Communication activities

2.2.3 Exploitation of results

2.2.4 Management of Intellectual Property

## 2.3 Summary (Impact Canvas)

# Ojo! No confundir, no mezclar conceptos

## 1) *Impact logic*

### Key Impact Pathways

#### **Key Impact Pathways (KIPs):**

Indicadores establecidos por la Comisión para medir el cumplimiento de los objetivos de Horizonte Europa

## 2) *Practical implications*

### Project's pathway to impact

#### **Project's Pathway towards Impacts:**

El camino que sigue el Proyecto hacia la consecución de los impactos esperados

## 9 Key Impact Pathways definidos en el Reglamento de Horizonte Europa

1. Creating high-quality new knowledge
2. Strengthening human capital in R&I
3. Fostering diffusion of knowledge and Open Science

Scientific  
Impact



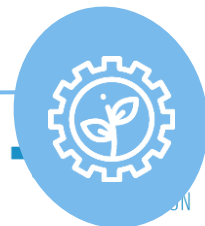
4. Addressing EU policy priorities & global challenges through R&I
5. Delivering benefits & impact via R&I missions
6. Strengthening the uptake of R&I in society

Societal  
Impact



7. Generating innovation-based growth
8. Creating more and better jobs
9. Leveraging investments in R&I

Economic/  
Technological  
Impact



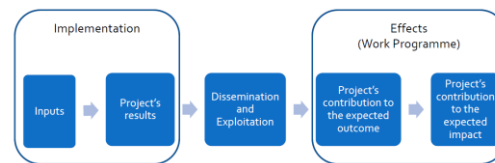
# 2 - Impact

## 2.1 Project's pathways towards Impacts

### 2.1.1 Expected outcomes and impacts

Describe the **unique** contribution of your project results to the expected outcomes and impacts

- ⚠ - State the target groups that would benefit from your project results
- Break target groups into particular interest groups or segments of society relevant to your project



| Scientific                          |                      |                       |
|-------------------------------------|----------------------|-----------------------|
| Outcome specified in the topic      | Project contribution | Means of verification |
| Impact specified in the Destination | Project contribution | Means of verification |
| Economic/Technological              |                      |                       |
| Outcome specified in the topic      | Project contribution | Means of verification |
| Impact specified in the Destination | Project contribution | Means of verification |
| Societal                            |                      |                       |
| Outcome specified in the topic      | Project contribution | Means of verification |
| Impact specified in the Destination | Project contribution | Means of verification |



## 2.1.1 Expected Outcomes and Impacts

|   |  |
|---|--|
| <b>PROJECT RESULTS</b>                        | What is generated during the project implementation. 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” <b>(short term)</b> |
| <b>EXPECTED OUTCOMES<br/>=&gt; TOPIC</b>      | The expected effects of projects over the medium term. This may include the uptake, diffusion, deployment, and/or use of the project’s results by direct target groups. <u>Outcomes generally occur during or shortly after the end of the project.</u> <b>(medium term)</b>   |
| <b>EXPECTED IMPACTS<br/>=&gt; DESTINATION</b> | Wider long term effects on society (including the environment), the economy and science, enabled by the outcomes of R&I investments. <u>Impacts generally occur some time after the end of the project.</u> <b>(long term)</b>   |

## 2.1.1 Expected Outcomes and Impacts - ¿dónde están?

Outcomes=>  
en cada uno  
de los topics

HORIZON-CL5-2021-D3-02-01: Demonstration of wave energy devices to increase experience in real sea condition

| Specific conditions                                       |   |
|---|---|
| <i>Expected EU contribution per project</i>               | The Commission estimates that an EU contribution of around EUR 15.00 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 15.00 million.   |
| <i>Type of Action</i>                                     | Innovation Actions  |
| <i>Admissibility conditions</i>                           | The conditions are described in General Annex A. The following exceptions apply:<br><br>The page limit of the application is 70 pages.  |
| <i>Legal and financial set-up of the Grant Agreements</i> | The rules are described in General Annex G. The following exceptions apply:<br><br>The granting authority may object to a transfer of ownership or the exclusive licensing of results under certain conditions.                                 |

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

- Demonstrated performance and reliability of wave energy devices producing comparable and public results using international metrics
- Improved knowledge on how to operate wave energy devices, their availability maintainability and to increase the impact it is expected that projects are sharing project data.
- Reduction of the LCOE in line with the SET Plan targets (actions should clearly justify estimated LCOE at project start and end, using a recognised calculation methodology).
- Reinforced industrial supply chain in Europe.
- Attraction of private investors to the sector and reduction of the cost of their investment by presented evidences and credible key performance indicators.

Scope: The action is expected to:

- Demonstrate wave energy devices in real sea conditions for long periods of time (12-24 months) providing invaluable learnings regarding performance, reliability, availability, maintainability, survivability and environmental impact.

Destination – Sustainable, secure and competitive energy supply

The **expected impact**, in line with the Strategic Plan, is to contribute to “*More efficient, clean, sustainable, secure and competitive energy supply through new solutions for smart grids and energy systems based on more performant renewable energy solutions*”, notably through

- Fostering European global leadership in affordable, secure and sustainable **renewable energy technologies** and services by improving their competitiveness in global value chains and their position in growth markets, notably through the diversification of the renewable services and technology portfolio (more detailed information below).
- Ensuring cost-effective uninterrupted and affordable supply of energy to households and industries in a scenario of high penetration of variable renewables and other new low carbon energy supply. This includes more efficient approaches to managing **smart and cyber-secure energy grids** and optimisation the interaction between producers, consumers, networks, infrastructures and vectors (more detailed information below).
- Accelerating the development of **Carbon Capture, Use and Storage (CCUS)** as a CO<sub>2</sub> emission mitigation option in electricity generation and industry applications (including also conversion of CO<sub>2</sub> to products) (more detailed information below).

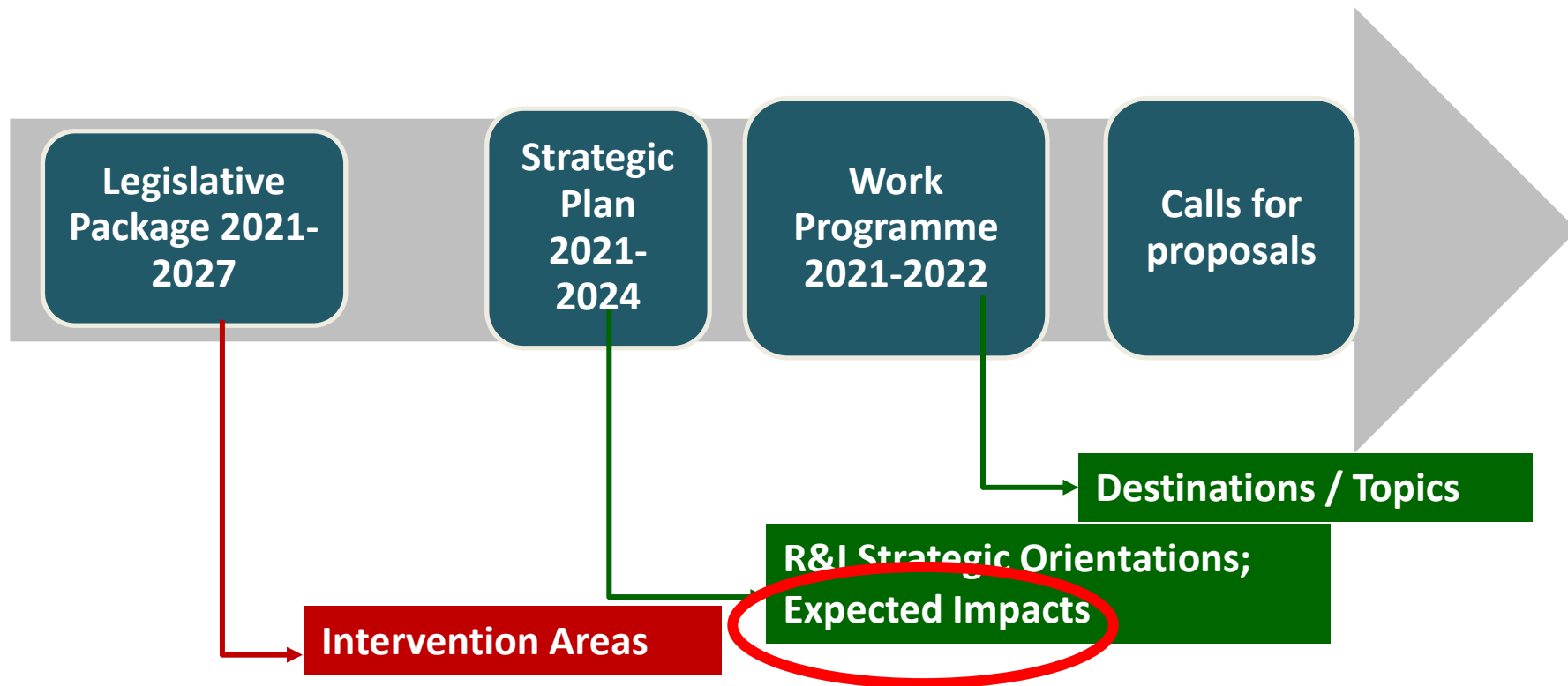
**Fostering the European global leadership in affordable, secure and sustainable renewable energy technologies.**

The main impacts to be generated by topics targeting the renewable energy technologies and solutions under this Destination are:

- Availability of disruptive renewable energy and renewable fuel technologies and systems in 2050 in order to accelerate the replacement of fossil-based energy technologies.
- Reduced cost and improved efficiency of renewable energy and renewable fuel technologies and their value chains.
- De-risking of renewable energy and fuel technologies with a view to their commercial exploitation and net zero greenhouse gas emissions by 2050.
- Better integration of renewable energy and renewable fuel-based solutions in energy consuming sectors.
- Reinforced European scientific basis and European export potential for renewable energy technologies through international collaboration (notably with Africa in renewable energy technologies and renewable fuels and enhanced collaboration with Mission Innovation countries).
- Enhanced sustainability of renewable energy and renewable fuels value chains, taking fully into account social, economic and environmental aspects in line with the European Green Deal priorities.

Impactos =>  
en la  
introducción  
de cada  
Destination

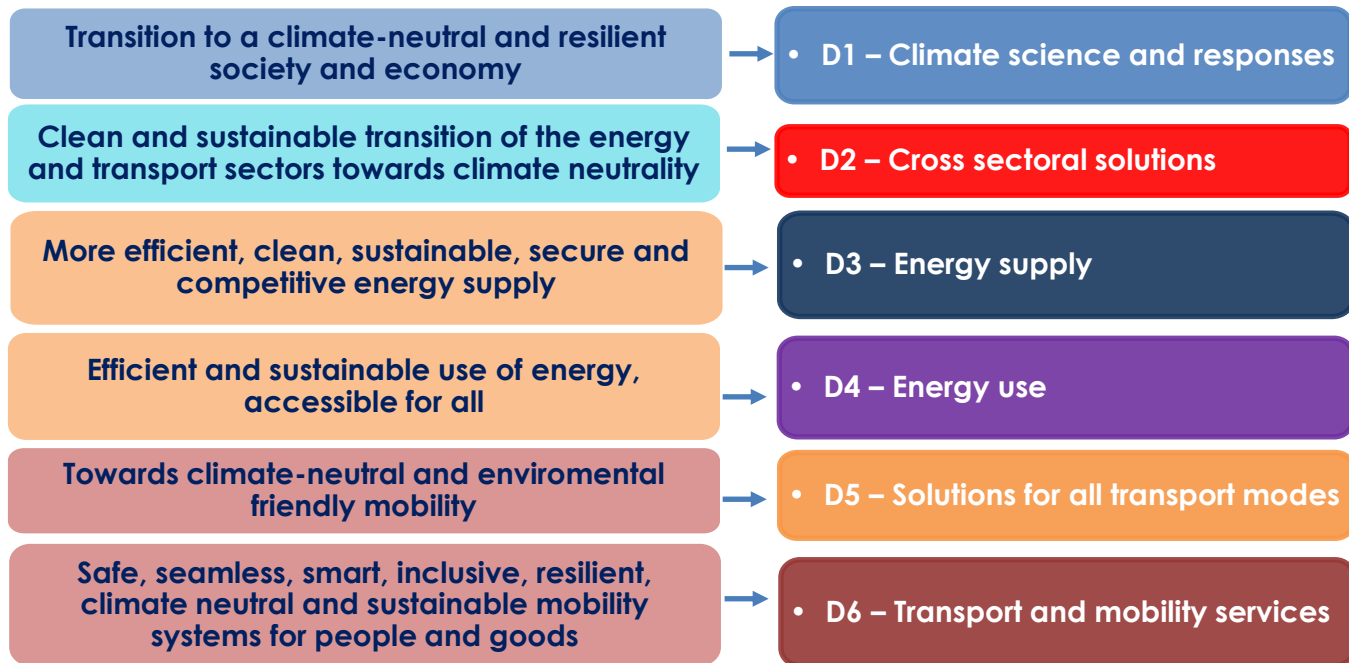
# Ojo! No confundir con los Expected Impacts del Strategic Plan



# Los Expected Impacts del Strategic Plan son los Destination del Cluster

*Ejemplo  
Cluster 5*

Strategic Plan (2021 -2024)



WP 2021-2022

## 2.1.1 Expected Outcomes and Impacts - ¿cuáles? Ejemplo

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

- Increase bioenergy efficiency and sustainability.
- Increase sustainable biomass resource utilization.
- Generate negative emissions from biofuel production.

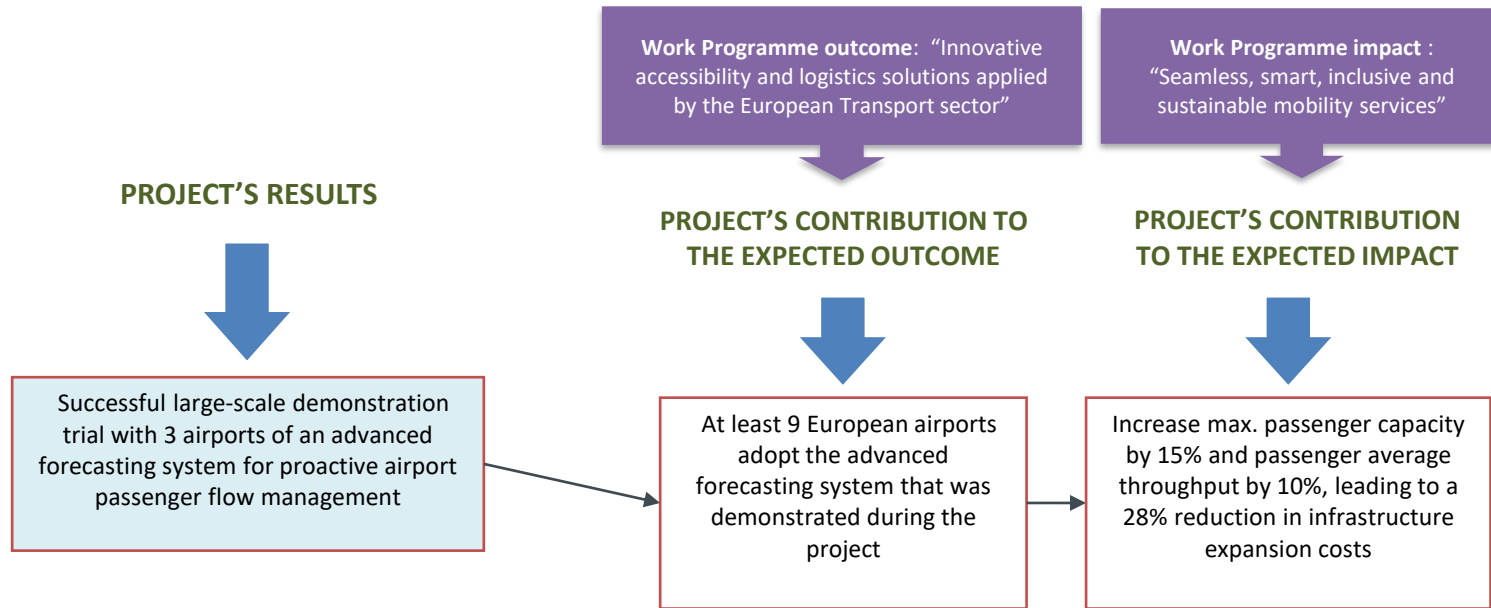
**It is not necessary to link the outcomes to all the expected impacts but to the most relevant ones**

**In this case b. and f. are the most obvious ones, however this does not exclude other contributions the proposal may illustrate as well, e.g. to e.**

The main **impacts** to be generated by topics targeting the renewable energy technologies

- a. Availability of disruptive renewable energy and renewable fuel technologies and systems in 2050 in order to accelerate the replacement of fossil-based energy technologies.
- b. Reduced cost and improved efficiency of renewable energy and renewable fuel technologies and their value chains.
- c. De-risking of renewable energy and fuel technologies with a view to their commercial exploitation and net zero greenhouse gas emissions by 2050.
- d. Better integration of renewable energy and renewable fuel-based solutions in energy consuming sectors.
- e. Reinforced European scientific basis and European export potential for renewable energy technologies through international collaboration (notably with Africa in renewable energy technologies and renewable fuels and enhanced collaboration with Mission Innovation countries).
- f. Enhanced sustainability of renewable energy and renewable fuels value chains, taking fully into account social, economic and environmental aspects in line with the European Green Deal priorities.
- g. More effective market uptake of renewable energy and fuel technologies.

## 2.1.1 Expected Outcomes and Impacts - Ejemplo




# 2 - Impact

## 2.1 Project's pathways towards Impacts

### 2.1.2 Scale and significance of the contribution of the project

- To the expected outcomes and impacts
- Provide quantified estimates
- Explain your baselines, benchmarks and assumptions used for those estimates
- Explain assumptions, referring for example to any relevant study or statistics
- Try to use only one methodology for calculating your estimates, not different methodologies for each partner



 - **“Scale”** => refers to how widespread the outcomes and impacts are likely to be. **For example, in terms of the size of the target group, or the proportion of that group that should benefit over time**

- **“Significance”** => refers to the importance, or value of those benefits. **For example, number of additional healthy life years, efficiency savings in energy supply**

# 2 - Impact

## 2.1 Project's pathways towards Impacts

### 2.1.3 Requirements and potential barriers

| Requirements and potential barriers to achieve the outcomes and impacts   |
|---|
| <i>Describe any requirements and potential barriers - arising from factors beyond the scope and duration of the project - that may determine whether the desired outcomes and impacts are achieved.</i> |
| Mitigating measures to address identified barriers  |
| <i>Describe any mitigating measures you propose, within or beyond your project, that could be needed should your assumptions prove to be wrong, or to address identified barriers</i>                   |



- These may include, for example, other R&I work within and beyond Horizon Europe; regulatory environment; targeted markets; user behaviour
- Is any potential negative environmental outcome or impact identified? (including when expected results are brought at scale, such as at commercial level)
- Is the management of the potential harm properly described?
- Indicate if these factors might evolve over time



*- This does not include the critical risks inherent to the management of the project itself, which should be described under 'Implementation'.*



# 2 - Impact

## 2.2 Measures to maximise impact – Dissemination, exploitation and communication

### 2.2.1 Dissemination activities

### 2.2.2 Communication activities

### 2.2.3 Exploitation of results

### 2.2.4 Management of Intellectual Property

#### Admissibility conditions

Applications must include a **plan for the exploitation and dissemination of results**, unless provided otherwise in the specific call conditions.

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

# Comunicación



# Explotación



# Diseminación



# Comunicación, Disseminación y Explotación

- Se comunican => el proyecto y sus resultados
- Se diseminan => los resultados
- Se explotan => los resultados
- Frontera difusa
  - Comunicación ↔ Disseminación
  - Disseminación ↔ Explotación



# Comunicación, Disseminación y Explotación

You have to clearly identify and name the result

## Results:

Results' means any tangible or intangible effect of the action, such as data, know-how or information, whatever its form or nature, whether or not it can be protected, as well as any rights attached to it, including intellectual property rights...

Key results are the **outputs generated during the project which can be used and create impact**, either by the project partners or by other stakeholders

Project results can be reusable and exploitable as such (e.g. inventions, prototypes, services), or elements (knowledge, technology, processes, networks) that have potential to contribute for further work on research or innovation

### Research Communities

### MS, EU Policymakers



### Industry, Innovators

### Civic Society, Citizens

# Resultados – ejemplos

| Resultados   |
|--|
| Nueva tarjeta inteligente para .....                                     |
| Intrumentación para caracterización magnética de .....                   |
| Kit de detección de .....  |
| Sistema de conversión analógico-digital para antenas, láser, etc         |
| Software de reconocimiento para operación remota y certificación         |
| Sensores y electrónica para aplicación en .....                          |
| Método para simular la inspección de .....                               |
| Método de testado de .....   |
| Procesos para el desarrollo de ..... para la fabricación de .....        |
| Base de datos de parámetros de xxx para mejorar las propiedades de ..... |

# Definiciones

## Comunicación:

**Promover** el proyecto y sus resultados, proporcionando información a **múltiples audiencias** (incluyendo los medios de comunicación y el público en general)

- Posiblemente implicando un intercambio bi-direccional

## Diseminación:

**Desvelar públicamente** los resultados por cualquier medio (incluyendo las publicaciones científicas) a **audiencias especializadas**

## Explotación:

**Utilizar** los resultados en:

- otras actividades de investigación
- desarrollar, crear, fabricar y comercializar un producto o proceso
- crear y proporcionar un servicio
- actividades de estandarización y policy making

# Communication versus Dissemination



- About the project and results
- Multiple audiences  
Beyond the project's own community  
(include the media and the public)
- Inform and reach out to society, show the benefits of research



- About results only
- Audiences that may use the results in their own work  
e.g. peers groups, industry and other commercial actors, professional organisations, policymakers
- Enable use and uptake of results

# Comunicación versus Disseminación





# Comunicación

## – New communication means

- creation of a blog
- use of scientific, professional and social networking (e.g. Research Gate, Academia.edu, Twitter account, QR code included in all printed communication, create a wikipedia entry, etc)

## – Raise awareness of the project in the public domain

## – Freely accessible tools at your disposal

- Horizon Europe Magazine
- Research\*eu results Magazine
- Research\*eu focus
- Futuris Magazine
- Cordis Wire

¡Atención!  
Documentos antiguos  
de H2020  
.....pero que os pueden  
ayudar



## Communication Guidelines

[http://ec.europa.eu/research/participants/data/ref/h2020/other/gm/h2020-guide-comm\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/other/gm/h2020-guide-comm_en.pdf)

## Social media Guide

[http://ec.europa.eu/research/participants/data/ref/h2020/other/grants\\_manual/amga/soc-med-guide\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/other/grants_manual/amga/soc-med-guide_en.pdf)



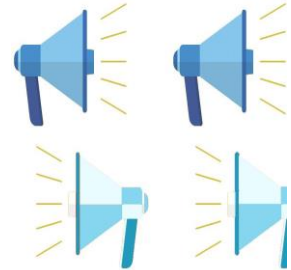
# Comunicación

## *Ejemplo ficticio*

| Category of audience                    | Target audience                                   | Type of information/ Material   | Channels/tools  | Objective of the communication   | Key Performance Indicator      |
|---|---|---|---|--|--------------------------------|
| Scientific community                    | Universities<br>Research<br>Centres               | Reports,<br>presentations   | Congress,<br>Conferences,<br>articles   | Increase visibility on the<br>new technology                           | > 1.000 scientists             |
| Manufacturers<br>of XXX                 | Product<br>developers                             | Targeted<br>information about<br>technology/product<br>developed                    | Site visits,<br>Outreach videos   | Raise awareness on the<br>new capabilities                             | > 50 manufacturers             |
| Integrators,,...                        | xxx   | Targeted<br>information about<br>technology/product<br>developed                    | Site visits,<br>Outreach videos   | Raise awareness on the<br>new capabilities                             | > 10 integrators               |
| Public<br>authorities,<br>Policy makers | Regional,<br>national,<br>European<br>authorities | Summary reports,<br>roadmaps  | Presentations,<br>dedicated<br>meetings   | Influence over the R&D<br>priorities                                   | > 160 policy<br>makers         |
| Associations                            | xxxx  | Main outcomes,<br>factsheets  | Press release,<br>website,<br>Newsletter  | Gain visibility among key<br>players                                   | > 6 associations               |
| General Public                          | Youth<br>Students                                 | Marketing material,<br>flyers, mock-ups,<br>materials for<br>science<br>experiments | Website, Social<br>media (blogs,<br>Twitter, Facebook,<br>LinkedIn, Youtube),<br>entry in Wikipedia,<br>Researchers<br>night/week | Inspirational, education,<br>increase social<br>awareness<br>about XXX | > 60.000 interested<br>parties |

# Diseminación

- **Proposals must include a draft plan for dissemination**
  - With clear objectives and identify relevant measures
  - Identify categories of target audience
  - With indicators for measuring the success of activities
- **Means for dissemination**
  - Publications in peer-reviewed **scientific journals** => identificar las más relevantes para el tema del proyecto
  - **Conferences/workshops Papers / presentations** => identificar los más relevantes, con lugar y fecha
  - Publication of a **handbook** for the project technologies, **device data sheets** and **user guide**
  - Live demonstrations
  - Trade fairs
  - Training sessions
- **Atención a los deliverables:** ojo si demasiados deliverables confidenciales



# Diseminación

## *Ejemplo ficticio*

| Mean for dissemination  | Event/Journal | Target audience                          | Key Performance Indicator |
|-------------------------|---------------|--|---------------------------|
| Conference/<br>Workshop |               | Scientific community in the field of xxx | > 1.000 scientists        |
| Publication             |               | Especialistas en xxx                     | > 50 manufacturers        |
| Association/<br>Cluster |               | Fabricantes de xxx                       | > 10 integrators          |
| Advisory Board          |               | Usuarios de xxx                          | > 160 policy makers       |

# Dissemination versus Exploitation

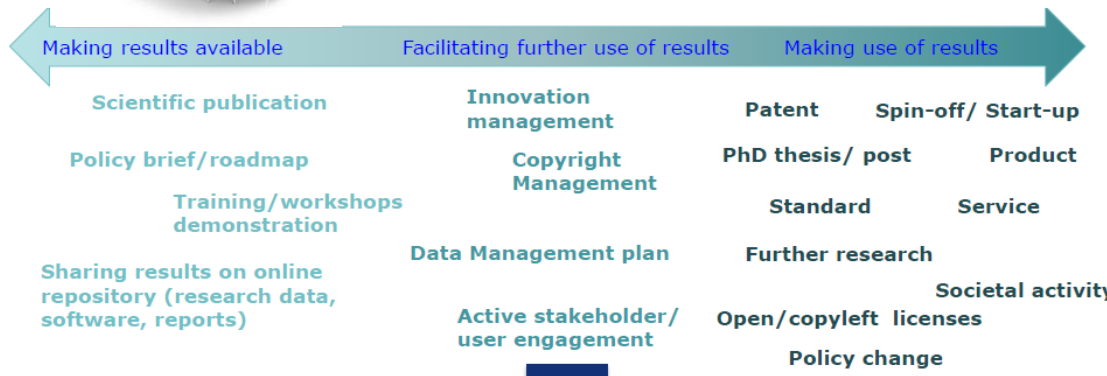


Describe and make results visible  
To audiences that may use the results  
That may enable their use and uptake



Actual use of the results for scientific,  
societal, economic purposes or for policy  
making  
  
All results generated during the project  
lifetime but also after its end

# Diseminación versus Explotación



# Explotación

- Indicación clara de los resultados a explotar, de qué manera y por parte de quién
- Ejemplos de formas de explotación de resultados

## Further Research

- The results used as background of future research projects

## Product development/ service creation

- Results used in developing, creating and marketing a product/process or in creating and providing a service

## Licensing, assignment

- Results exploited by other organisations through out-licensing or by the transfer of ownership

## Spin-off

- A separate company established to bring to the market the technology resulting from the project

## Standardisation

- Results used either to develop new standardisation activities or to contribute to on-going standardisation work

# Explotación

## *Ejemplo ficticio*

| Result           | Partners involved | IPR strategy  | Exploitation Route/Strategy   | Time to market                         |
|------------------|-------------------|---------------|---|--|
| Platform for xxx |                   | License       | Commercial agreement with xxx                                       | 1-2 years after the end of the project |
| New material     |                   | Patent        | Spin-off company  | 5 years after the end of the project   |
| Software for xxx |                   | Utility model | Provision of services to xxxxx                                      | At the end of the project              |
| New PV cell      |                   |               | Further integration in PV modules to be manufactured by partner xxx |  |



# Management of Intellectual Property



## 2.2 Measures to maximise impact – Dissemination, exploitation and communication

### 2.2.4 Management of Intellectual Property

IPR **strategy** is an important component of exploitation

- **Identify your own background**
- **Check the Stat of the Art => existing patents** (e.g. via database provided by the European Patent Office: *Espacenet*)
- Specify **the ownership of the results**, who owns what, any transfers? On which conditions?
- Ensure appropriate **IPR Access Rights**
- Is there a **need to protect the results?** If yes, assign cost. Explain how the protection measures will be used to support exploitation

**A short reference to the IPR “to be developed in the Consortium Agreement” is not sufficient!!!!**

#### Background

Examples: *prototypes; database rights, licences with the right to sublicense, patents, patents applications*

#### IPR HELPDASK

[helpline@iprhelphdesk.eu](mailto:helpline@iprhelphdesk.eu)

Phone +34 965 90 9692 (Helpline)

[ec.europa.eu/ip-helpdesk](https://ec.europa.eu/ip-helpdesk)



Help Line

# IPR Access Rights

Grant of minimum Access Rights (*note: additional Access Rights can always be agreed upon!*)

|  | Obligación de dar acceso a su BACKGROUND                              | Obligación de dar acceso a sus RESULTADOS |
|--|---|---|
| Si es necesario para otro participante de cara a IMPLEMENTAR el proyecto         | Royalty-free (unless differently agreed before the signing of the GA) | Royalty-free                              |
| Si es necesario para otro participante de cara a EXPLOTAR sus propios resultados | On fair and reasonable conditions                                     | On fair and reasonable conditions         |

# Protection of results

## Protection of results

Si los resultados pueden dar lugar a aplicaciones industriales o comerciales, el propietario deberá valorar si es posible, razonable y justificado proteger estos resultados vía cualquier forma de protección válida

El coste asociado a la protección de resultados es un coste elegible



| Subject Matter                           | Patent | Utility Model | Industrial Design | Copyright | Trade Mark | Trade Secret |
|--|--------|---------------|-------------------|-----------|------------|--------------|
| Invention (e.g. device, process, method) | X      | X             |                   |           |            | X            |
| Software                                 | X      | X             |                   | X         |            | X            |
| Scientific article                       |        |               |                   | X         |            |              |
| Design of a product                      |        |               | X                 | X         | X          |              |
| Name of a technology/product             |        |               |                   |           | X          |              |
| Know How                                 | X      | X             |                   |           |            | X            |

# 2 - Impact

## 2.3 Summary (Impact Canvas – new) (1/2)

### SPECIFIC NEEDS

*What are the specific needs that triggered this project?*

#### 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.

#### 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.

### EXPECTED RESULTS

What do you expect to generate by the end of the project?

#### 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.

#### **Algorithmic model:**

Novel algorithmic model for proactive airport passenger flow management.

#### Example 2

Publication of a **scientific discovery on transparent electronics.**

**New product:** More sustainable electronic circuits.

**Three PhD students trained.**

### D & E & C MEASURES

What dissemination, exploitation and communication measures will you apply to the results?

#### Example 1

**Exploitation:** Patenting the algorithmic model.

**Dissemination towards the scientific community and airports:** Scientific publication with the results of the large-scale demonstration.

**Communication towards citizens:** An event in a shopping mall to show how the outcomes of the action are relevant to our everyday lives.

#### Example 2

**Exploitation of the new product:** Patenting the new product; Licencing to major electronic companies.

**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.

# 2 - Impact

## 2.3 Summary (Impact Canvas – new) (2/2)

| TARGET GROUPS   | OUTCOMES   | IMPACTS   |
|---|--|---|
| <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><br/><b>9 European airports:</b><br/>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><br/><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><br/><b>Up-take by airports:</b> 9 European airports adopt the advanced forecasting system demonstrated during the project.</p> <p><b>Example 2</b><br/><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><br/><b>Scientific:</b> New breakthrough scientific discovery on passenger forecast modelling.</p> <p><b>Economic:</b> Increased airport efficiency<br/>Size: 15% increase of maximum passenger capacity in European airports, leading to a 28% reduction in infrastructure expansion costs.</p> <p><b>Example 2</b><br/><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> |

# Revisar el topic en el Funding Portal

European Commission | Funding & tender opportunities | Single Electronic Data Interchange Area (SEDIA) | English | Register | Login

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

Search funding & tenders | Funding updates | Archived funding (FP7-CIP)

• The Identity, Bank Account, Contracts & Payments functionalities in the Experts Area of the F&T Portal will be unavailable on Tuesday, 26.04.2022, between 07:30 and 08:10 CET.

Type your keywords... **HORIZON-CL5-2022-D3-03-09** | Need help? | Sort by: | Submission status

Match whole words only | GRANTS | TENDERS

Submission status: Forthcoming (174) | Open for submission (873) | Closed (12818)

Programming period: Select a Programme period...

Filter by Programme / Programme group: Select a Programme...

Filter by call: Select a Call...

There are more than 10000 results, please refine your search criteria.

| Alternative Fuel Infrastructure Facility - Unit Contributions | Call for proposal                | Grant          |                                     |
|---|----------------------------------|----------------|-------------------------------------|
| CEF-T-2021-AFIFCOEN-UNITS                                     |                                  |                |                                     |
| Programme   | Connecting Europe Facility (CEF) | Status         | Open for submission                 |
| Type of action  | CEF AFIF-EVRI Unit Grants        | Deadline model | multiple cut-off                    |
| Opening date  | 16 September 2021                | Next deadline  | 07 June 2022 17:00:00 Brussels time |

| Alternative Fuel Infrastructure Facility - Works - LNG | Call for proposal                | Grant          |                                     |
|--|----------------------------------|----------------|-------------------------------------|
| CEF-T-2021-AFIFCOEN-WORKS-LNG                          |                                  |                |                                     |
| Programme  | Connecting Europe Facility (CEF) | Status         | Open for submission                 |
| Type of action   | CEF Infrastructure Projects      | Deadline model | multiple cut-off                    |
| Opening date   | 16 September 2021                | Next deadline  | 07 June 2022 17:00:00 Brussels time |

| Alternative Fuel Infrastructure Facility - Works - Zero Emissions | Call for proposal                | Grant          |                     |
|---|----------------------------------|----------------|---------------------|
| CEF-T-2021-AFIFCOEN-WORKS-ZE                                      |                                  |                |                     |
| Programme   | Connecting Europe Facility (CEF) | Status         | Open for submission |
| Type of action  | CEF Infrastructure Projects      | Deadline model | multiple cut-off    |

# Revisar el topic en el Funding Portal

The screenshot shows the European Commission Funding & tender opportunities portal. The page title is 'Recycling end of life PV modules' with the topic ID 'HORIZON-CL5-2022-D3-03-09'. A red box highlights the 'General Information' section in the left sidebar, which includes 'Topic description', 'Destination', 'Conditions and documents', 'Partner search announcements', 'Submission service', 'Topic related FAQ', and 'Get support'. A red arrow points from the text 'Partner Search' to the 'Partner search announcements' link in the sidebar. Another red arrow points from the text 'Topic FAQs' to the 'Topic related FAQ' link in the sidebar. The main content area displays the following information:

|   |  |  |
|---|--|--|
| <b>General information</b>  |  |  |
| Programme<br><b>Horizon Europe Framework Programme (HORIZON)</b>                          |  |  |
| Call<br><b>Sustainable, secure and competitive energy supply (HORIZON-CL5-2022-D3-03)</b> |  |  |
| <a href="#">See budget overview</a>   |  |  |
| Type of action<br><b>HORIZON-IA HORIZON Innovation Actions</b>                            | Type of MGA<br><b>HORIZON Action Grant Budget-Based (HORIZON-AG)</b> | <a href="#">Fortcoming</a>                                     |
| Deadline model<br><b>single-stage</b>   | Planned opening date<br><b>06 September 2022</b>                     | Deadline date<br><b>10 January 2023 17:00:00 Brussels time</b> |
| <b>Topic description</b>  |  |  |
| ExpectedOutcome:  |  |  |

Partner Search

Topic FAQs



# Otra forma de acceder a las FAQs

The screenshot shows the 'Funding & tender opportunities' page on the European Commission website. The navigation bar includes 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. The 'SUPPORT' menu is expanded, with 'FAQ' highlighted by a red circle. A red arrow points to the search bar in the FAQ section. The FAQ section is titled 'FAQ - Frequently Asked Questions (323)' and includes a search bar, filter options for 'Grants' and 'Tenders', and a list of questions with answers.

European Commission Funding & tender opportunities  
Single Electronic Data Interchange Area (SEDIA)

English Register Login

Horizon Europe (HORIZON)

Support overview  
Helpdesk & Manuals  
FAQ  
Support Services

Please notice that there is an issue with the upload of rebuttal letter, the technical team is working to solve this as soon as possible. We apologize for the inconvenience.

FAQ - Frequently Asked Questions (323) Need help?

Search by keyword, question...  
 Grants  Tenders

Grant category  
Select a grant category...

Programming period  
Select a programme period...

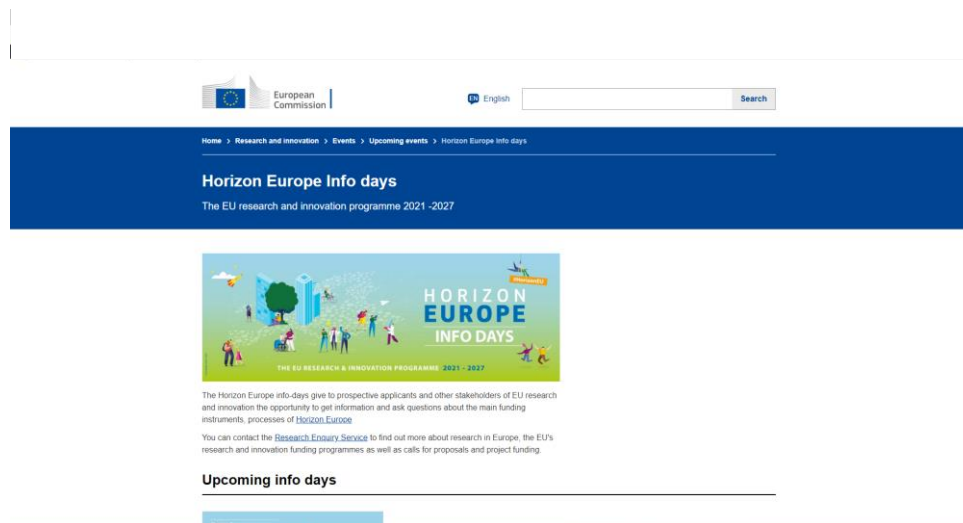
Programme  
Horizon Europe (HORIZON) (323)

These pages are updated with the answers to the most frequent questions that have been submitted to the Research Enquiry Service and Participant Validation, IT Helpdesk, eProcurement Helpdesk, Call Coordinators and H2020 NCP correspondents.  
In case of questions related to a call for tenders, there is always a specific timeslot to ask questions and requesting information, clarification must be done exclusively within the call for tenders on eTendering. Read about calls for tenders.

Sort by

- Under HORIZON-HLTH-2021-CORONA-01-01, with respect to mild and moderate COVID-19, is there a concrete definition for the distinct COVID-19 disease phases?  
Applicants are welcome to consult the WHO website for the clinical progression scale proposed by the WHO Working Group on the Clinical Characterisation and Management of COVID-19 inf...
- HORIZON-EIC-2021-ICapitalPrize: Are previous participants allowed to participate in the contest?  
Yes, with some exceptions. Among the cities that participated in previous contests, only the previous winners as well as the runners-up of the 2020 edition are not eligible to apply...
- HORIZON-EIC-2021-ICapitalPrize: What is the focus of the award, and what will be evaluated in particular?

# Revisar audio Infoday Comisión (3 febrero 2022)



- Buscar en la agenda **en qué sesión** se presentó tu topic
- Ir a la presentación de esa sesión
- Ir al audio de esa sesión

<https://ec.europa.eu/info/research-and-innovation/events/upcoming-events/horizon-europe-info-days/>

# Programme Guide, Online Manual y “IT How to”

The screenshot shows the Horizon Europe (HORIZON) portal interface. The top navigation bar includes 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', and 'WORK AS AN EXPERT'. The 'HOW TO PARTICIPATE' dropdown menu is open, showing 'Key steps', 'Reference documents', 'Participant register', and 'Partner search'. A red arrow labeled '1' points to the 'Reference documents' option. Below the navigation, a warning message is displayed. The main content area is titled 'Reference Documents' and includes a 'Grants' section with a message: 'This page includes reference documents of the programmes managed on the EU Funding & Tenders portal starting with legal documents and the Commission work programmes up to model grant agreements and guides for specific actions. Please select the programme to see the reference documents.' There is a filter for 'Programming period' set to '2021-2027' and a filter for 'Horizon Europe (HORIZON)'. A red arrow labeled '2' points to the 'Horizon Europe (HORIZON)' filter, and a red arrow labeled '3' points to the 'Clear filter' button. Below the filter, there is a 'Procurement' section with a search bar and a list of reference documents. A red arrow labeled '4' points to the 'HE Programme Guide' link, and a red arrow labeled '5' points to the 'Online Manual' link.

## [Reference Documents](#)

# Apúntate como Evaluador

European Commission | Funding & tender opportunities | Single Electronic Data Interchange Area (SEDI)

English | Register | Login

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

## 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? Please join the database of external experts!

[Register as expert](#)

As new expert, you will be first requested to create your EU login account and register your profile.

Registered experts can update the profile via the My Expert Area after login.

### News

15 Feb. 2021  
**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 2021 Connecting...

24 Mar. 2021  
**Call for expression of interest 2021-2027 – New**  
The new call for expression of interest for experts for the programming period 2021-2027 is now open. Note: if you are already registered as an expert answering...

[All news >](#)

### Quick Links

- Experts standard briefing slides
- FAQ for Experts
- Expert recommendations
- Lists of contracted experts
- EU Grants - Model Contract for Experts
- Methodology for expert fees for remote evaluation and ethics review
- FAQ on the evaluation of innovation, social sciences and humanities and other aspects of H2020 proposals

Se **buscan diferentes perfiles**: Científico-técnicos, business, emprendedores, entidades públicas, asociaciones, ONGs...

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



## Información de interés

### Webinars European Commission

- [How to prepare a successful proposal in Horizon Europe](#) (24 March 2021)
- [A successful proposal for Horizon Europe](#) (21 April 2021)
- [The Funding & tenders Portal for beginners](#) (27 May 2021)
- [Dissemination, Communication and Exploitation](#) (9 June 2021)
- [Tips and Tricks while writing your Horizon Europe proposal](#) (23 June 2021)
- [New features Funding & Tenders Portal](#) (28 September 2021)
- [Avoiding errors in declaring personnel costs in Horizon 2020 grants](#) (30 September 2021)
- [Horizon Results Booster](#) (5 October 2021)
- [Submission and evaluation, Grant Agreement Preparation, Legal and Financial Aspects](#) (10 December 2021)
- [Preparing and submitting a successful proposal](#) (18 January 2022)
- [Grant Agreement Preparation, Legal and Financial Aspects](#) (26 January 2022)
- [Cost reporting of other costs \(with focus on internal invoicing\)](#) (23 March 2022)
- [Lump Sum funding: How does it work and what are the next steps?](#) (7 April 2022)

# Más información

Portal español Horizonte Europa

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

¡ÚNETE A NOSOTROS!



 @HorizonteEuropa

 Canal de Telegram

 RSS **1**

 ESHorizonte2020

¡SÍGUENOS EN TWITTER!

2



@HE\_Energia\_CDTI



Horizonte Europa Clúster 5 Energía. CDTI

[https://twitter.com/HE\\_Energia\\_CDTI](https://twitter.com/HE_Energia_CDTI)

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (1/6)

The screenshot shows the website's header with the 'HORIZONTE EUROPA' logo and navigation links: 'Ciencia Excelente', 'Desafíos mundiales', 'Europa Innovadora', 'Widening'ERA', and 'Más Europa'. Below the header, there is a 'Inicio' button and a 'Canales RSS' button. The main content area is titled 'CANALES RSS' and contains the following sections:

- ¿Qué significa RSS?**

RSS, son las siglas de Really Simple Syndication. Es un formato que permite el acceso a contenidos mediante unas herramientas expresamente desarrolladas para este fin. De este modo, podemos enterarnos de la actualización de las páginas que más consultamos y/o visitamos directamente en nuestro escritorio, programa de correo o servicio vía Web sin necesidad de acudir periódicamente a dichas páginas.

Un ejemplo habitual del contenido de RSS son las fuentes de información como los titulares de noticias que se actualizan con frecuencia. La gran ventaja de RSS es la agregación de todo el contenido de varios orígenes Web a una sola suscripción.
- ¿Cómo puedo usarlo?**

Para poder hacer uso del formato RSS, se debe realizar un proceso que se conoce como agregación en el cual indicamos a nuestro programa de escritorio, de correo o servicio vía Web el enlace que permitirá la obtención de las últimas actualizaciones de las páginas que elegimos.

Información detallada para el uso de RSS.
- RSS disponibles**
  - [Horizonte Europa](#)
  - [Ciencia Excelente](#)

Cómo usarlo

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (2/6)

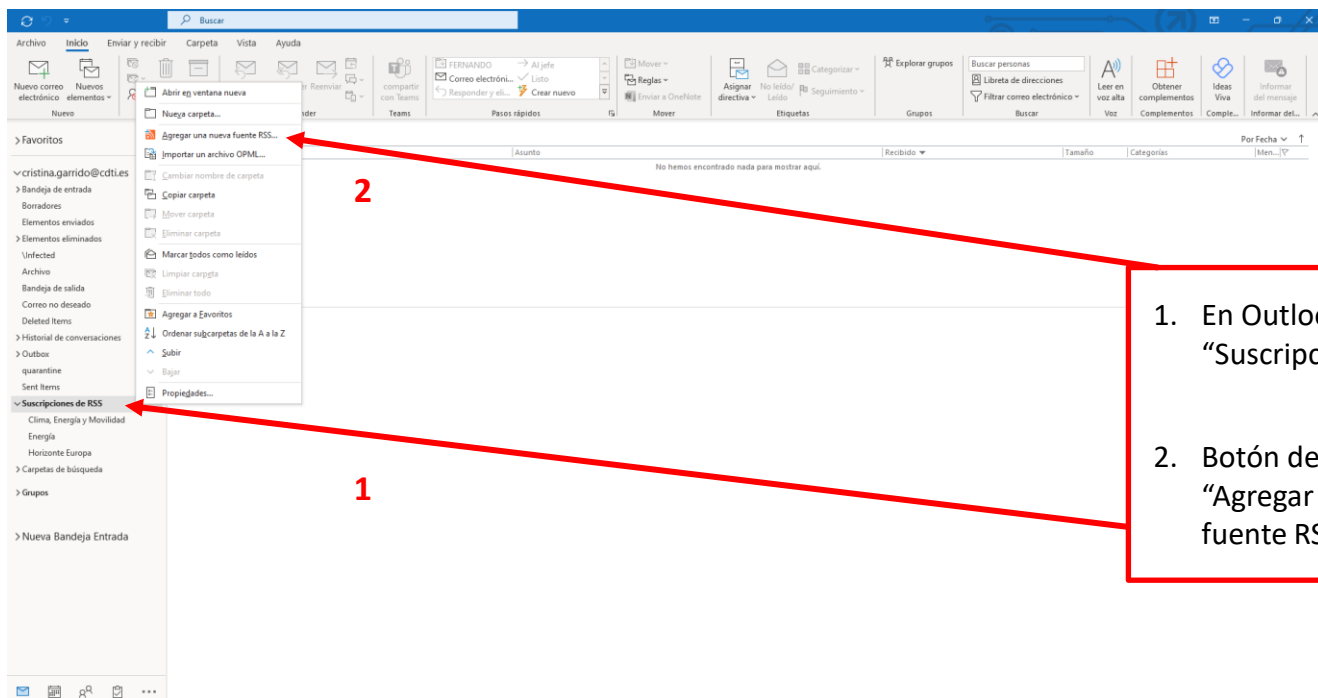
RSS disponibles

- Horizonte Europa
- Ciencia Excelente**
  - Consejo Europeo de Investigación (ERC)
  - Acciones Marie Skłodowska-Curie (MSCA)
  - Infraestructuras de Investigación
- Desafíos Mundiales**
  - Salud
  - Cultura, Creatividad y Sociedad Inclusiva
  - Seguridad Civil para la Sociedad
    - Ciberseguridad
  - Mundo Digital, Industria y Espacio
    - Digital
      - Datos y tecnologías de computación
      - Tecnologías emergentes
      - Tecnologías digitales centradas en el humano
    - Industria
    - Espacio
  - **Clima, Energía y Movilidad**
    - Clima
    - **Energía**
      - Abrir enlace en una pestaña nueva
      - Abrir enlace en una ventana nueva
      - Abrir el enlace en una ventana de incógnita
      - Guardar enlace como...
      - Copiar dirección de enlace
      - Inspeccionar
  - Alimentación
  - Centro de Investigación en Agricultura, Pesca y Medioambiente
- Europa Innovadora**
  - Consejo Europeo de Innovación (EIC)
    - Explorador del EIC

- Poner el ratón sobre el canal de tu interés
- Botón derecho y “copiar dirección de enlace”
- Ojo!: no pinchar en el canal, sino botón derecho y “copiar dirección de enlace”

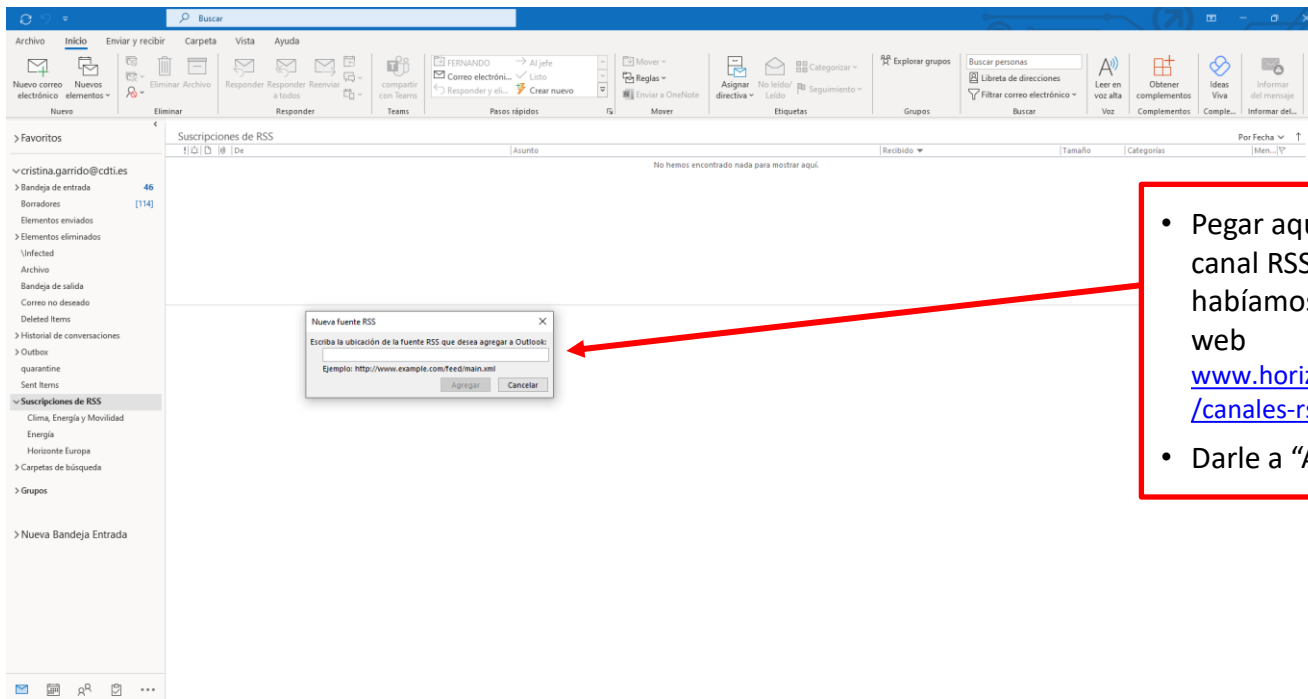


# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (3/6)



1. En Outlook, ir a "Suscripciones de RSS"
2. Botón derecho e ir a "Agregar una nueva fuente RSS"

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (4/6)



- Pegar aquí el enlace del canal RSS de Energía que habíamos copiado en la web [www.horizonteeuropa.es/info/canales-rss](http://www.horizonteeuropa.es/info/canales-rss)
- Darle a “Agregar” y listo

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (5/6)

The screenshot shows the Feedly website interface. On the left is a sidebar with navigation options: Today, Read Later, Manage Leo, FEEDS (All, Horizon Europe, etc.), BOARDS (Create New Board), Recently Read, and Integrations. A red arrow points from a text box to a plus sign (+) in the sidebar. The main content area features a search bar with the text "Search by topic, website, or RSS link" and a language dropdown set to "Español". Below the search bar is an "EXPLORE" section with a grid of topic-based feed cards, including #tecnología, #moda, #videojuegos, #gastronomía, #decoración, #diseño, #cine, #turismo, #marketing, and #ciencia. A red arrow points from a text box to the language dropdown menu.

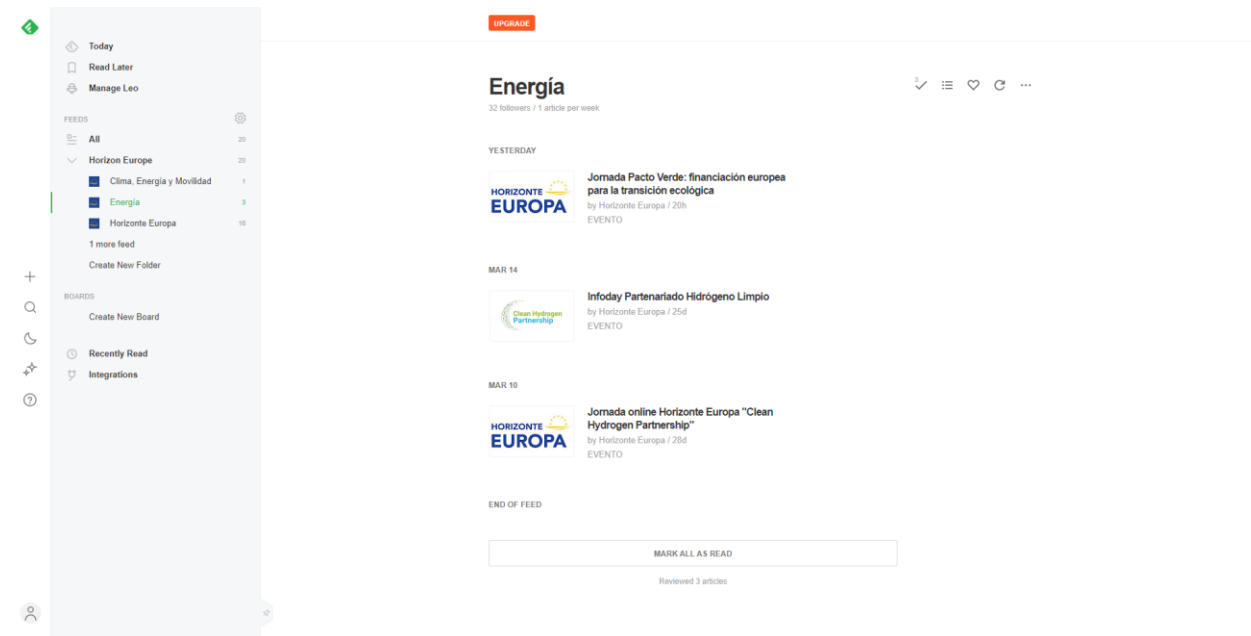
- Pinchar en este símbolo +

- Si no te funcionan las suscripciones de RSS de Outlook
- En Internet ir a un lector de noticias gratuito, por ejemplo **Feedly**

- Pegar aquí el enlace del canal RSS de Energía que habíamos copiado en la web [www.horizonteeuropa.es/info/canales-rss](http://www.horizonteeuropa.es/info/canales-rss)

[Feedly](https://www.feedly.com/)

# Canales RSS en [www.horizonteeuropa.es](http://www.horizonteeuropa.es) (6/6)

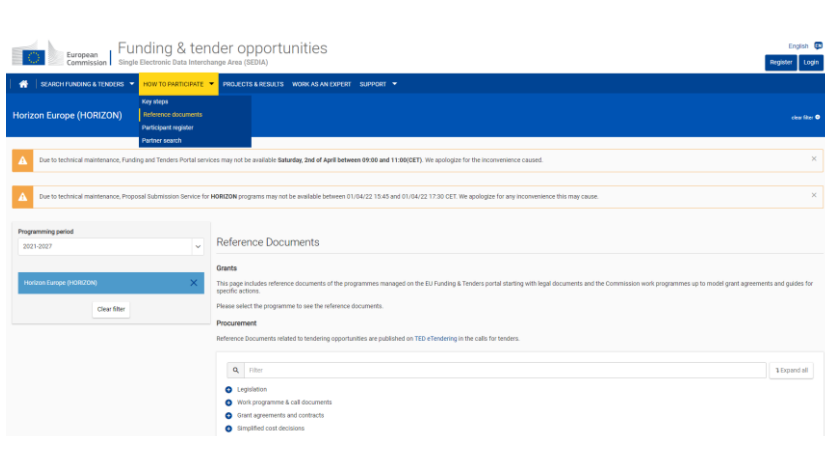


The screenshot shows a Feedly interface for the 'Energía' RSS channel. On the left is a sidebar with navigation options like 'Today', 'Read Later', and 'Manage Leo'. The main content area displays a list of articles from 'Horizonte Europa'. The top article is 'Jomada Pacto Verde: financiación europea para la transición ecológica' by 'Horizonte Europa / 20h', dated 'YESTERDAY'. Below it is 'Infoday Partneriado Hidrógeno Limpio' by 'Horizonte Europa / 25d', dated 'MAR 14'. The third article is 'Jomada online Horizonte Europa "Clean Hydrogen Partnership"' by 'Horizonte Europa / 28d', dated 'MAR 10'. At the bottom, there is a 'MARK ALL AS READ' button and a note 'Reviewed 3 articles'.

[Feedly](#)

# Información de interés

- [Funding and Tenders Portal](#)
- [Work Programme Clúster 5](#)
- [Proposal Template](#)
- [Programme Guide](#)
- [Online Manual](#)
- [IT How to](#)



[Infoday CDTI y Taller preparación propuestas](#)  
**Online, 11 mayo**

# Horizonte Europa Energía

Virginia Vivanco  
[vvivanco@idae.es](mailto:vvivanco@idae.es)



Cristina Trueba  
[cristina.trueba@ciemat.es](mailto:cristina.trueba@ciemat.es)



Luisa Revilla  
[luisa.revilla@cdti.es](mailto:luisa.revilla@cdti.es)



Cristina Garrido  
[cristina.garrido@cdti.es](mailto:cristina.garrido@cdti.es)



Mantente informado a través del Portal español de Horizonte Europa

[www.horizonteeuropa.es](http://www.horizonteeuropa.es)

# Conclusiones



Explicar cómo contribuyen los resultados a los “Expected outcomes” (del topic) y a los “Expected Impacts” (del Destination)



Recursos valiosos => FAQs, Programme Guide, Online Manual, Guía “IT How to”



Mantente informado => Canales RSS del Portal HorizonteEuropa y @HE\_Energía\_CDTI