HORIZONTE EUROPA

GOBIERNO DE ESPAÑA | MINISTERIO DE CIENCIA E INNOVACIÓN

FECYT FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA

oficina europea

Agència de Gestió d'Ajuts Universitaris i de Recerca

HORIZONTE EUROPA

Ampliar la participación y fortalecer el Espacio Europeo de Investigación (ERA)

Reformar y mejorar el sistema europeo de Investigación e Innovación

Jornada Informativa Convocatoria 2021
29 y 30 Junio 2021

Borja Izquierdo
Noelia Romero
Aïda Díaz

HORIZONTE
EUROPA

Indice

Día 30 de Junio: Reformar y mejorar el sistema europeo de Investigación e Innovación

10.30 – 10.55	**Introducción al programa: Reformar y mejorar el sistema europeo de Investigación e Innovación** D. Borja Izquierdo Alonso – Representante del Comité de Programa Widening+ERA – Director de Ciencia Internacional e Intersectorial de FECYT (MCIN)
10.55 – 12.00	**Reformar y mejorar el sistema europeo de Investigación e Innovación: Topics** Dña Aïda Díaz Sáez– NCP Widening-ERA - AGAUR Dña. Noelia Romero López – NCP Widening-ERA y CNC COST – FECYT (MCIN)
12.00 – 12.30	Resolución de dudas – FIN de la jornada

Indice

- Introducción al Espacio Europeo de Investigación
- Servicios NCPs
- Programa de Trabajo 2021
- Topics por ámbitos estratégicos
- Otras oportunidades más allá de ERA
- Más información

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- **Introducción al Espacio Europeo de Investigación**
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Horizon Europe - Towards the first HE WP: definitions and approach

Strategic orientations

Work Programme

EC Policy Priorities	**Based on the Political Guidelines for the European Commission 2019-2024 with a focus on three key priorities: Green Deal, Europe fit for the Digital Age, and Economy that Works for People as well as the new Recovery Plan, ERA and the ESFRI white paper**
Objectives and Expected Impacts	Wider effects on society (including the environment), the economy and science, enabled by the outcomes of R&I outcomes (long-term)
Destinations	Packages of actions around which each Work Programme part will be designed, aimed at contributing to the objectives and expected impacts set out in the Strategic orientations. The Destinations will provide the policy narrative for the calls and actions included in the WP.
Calls for proposals	Each Destination will be implemented by means of calls for proposals. Each Call for proposals will include one or more topics, all with the same deadline.

European Commission

Destination 3. Reformar y mejorar el sistema europeo de I+I

COMISIÓN
EUROPEA

Bruselas, 30.9.2020
COM(2020) 628 final

COMUNICACIÓN DE LA COMISIÓN AL PARLAMENTO EUROPEO, AL CONSEJO, AL COMITÉ ECONÓMICO Y SOCIAL EUROPEO Y AL COMITÉ DE LAS REGIONES

Un nuevo EEI para la investigación y la innovación

{SWD(2020) 214 final}

Fuente: https://eur-lex.europa.eu/legal-content/ES/TXT/?uri=CELEX:52020DC0628

Comunicado de la Comisión al Parlamento Europeo…

2000 — **2009** — **2021**

Estrategia de Lisboa -ERA

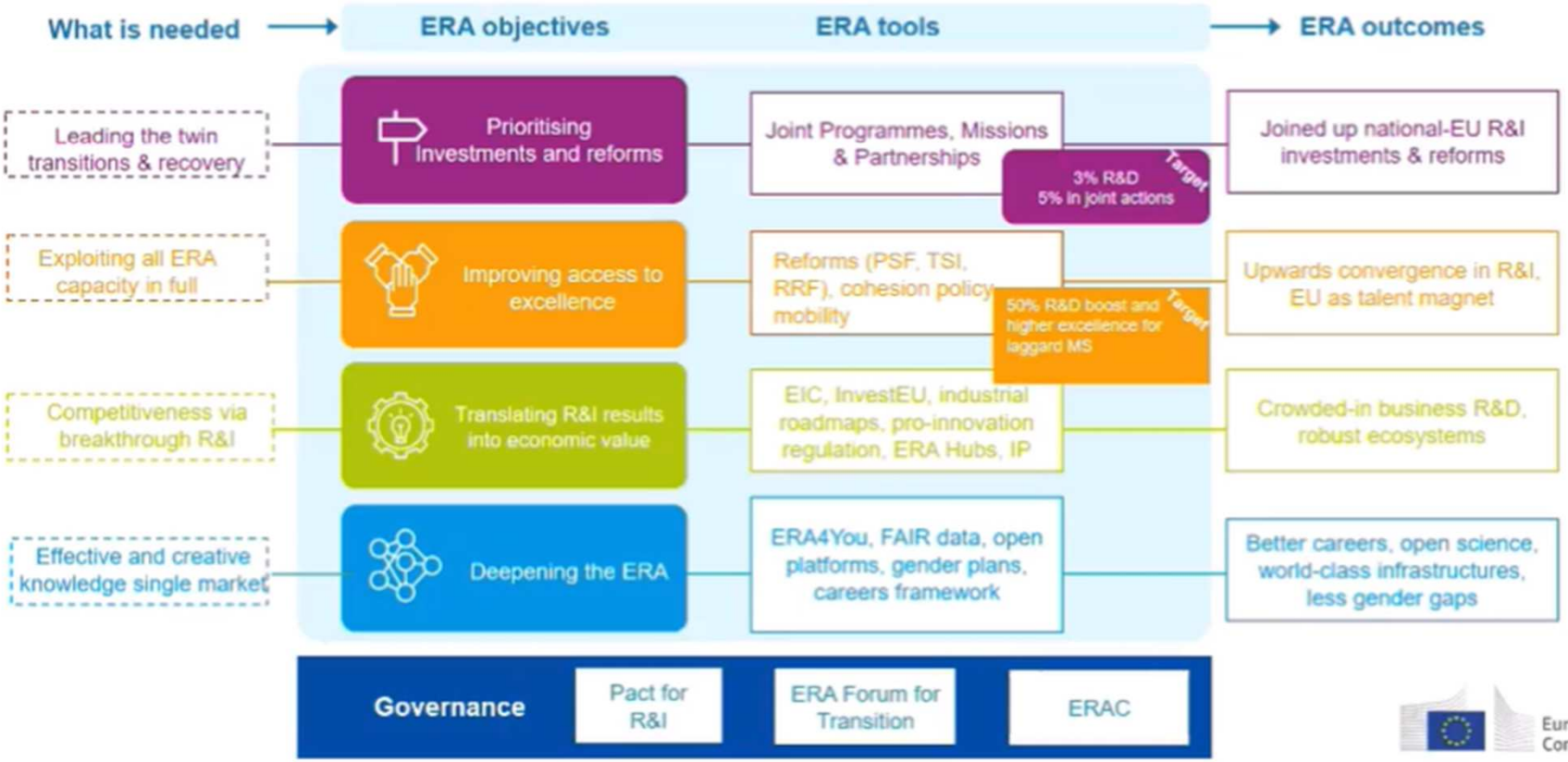
TFUE – art.179

- ✓ ESFRI: 55 planes de infraestructuras de investigación europeas, 37 implementados.
- ✓ Más de 7 mil M€ de inversiones nacionales en programas conjuntos de investigación desde 2004
- ✓ Eliminación de barreras geográficas a la movilidad de los investigadores – CHARTER&CODE (EURAXESS).
- ✓ Mejora del acceso a la información científica abierta, gratuita y reutilizable.

- ➢ Nuevos retos para la política de I+I
- ➢ Transición ecológica y digital
- ➢ Transformación digital clave para el Pacto Verde
- ➢ Resultados de I+I estancados desde 2012

"Un nuevo espacio para la Investigación y la Innovación"

A stronger ERA for the future



Reformar y mejorar el sistema europeo de I+I

Apoyar el desarrollo de ERA

- Circulación libre del conocimiento y personal cualificado
- Compartir rápida y eficazmente resultados de investigación
- Carreras atractivas y equilibrio de género asegurado
- Planes nacionales y agendas estratégicas de investigación alineados
- Resultados de R&I comprendidos por los ciudadanos donde la sociedad sea la beneficiada.

- Las actividades previstas respaldan la dirección de la próxima Comunicación ERA sobre la direccionalidad, inclusión y conectividad.
- Se implementarán medidas concretas para apoyar el fortalecimiento del ERA con el fin de maximizar el impacto de R&I europea internacionalmente durante el PM HE.

Widening Participation & Strengthening the European Research Area (ERA):

Part I: Widening Participation and Spreading Excellence

- Especially responding to **the second priority of the ERA**
- Encourage institutional reforms and transformation processes of the R&I system
- Mobilise national investments in R&I capacity
- Raise the bar of excellence
- Increase particiation
- Promote the creation of new innovation ecosystems and upscaling of existing
- Foster brain circulation,

€ 2,96 billion

Part II: Reforming and enhancing the European R&I system

- Sets out to reform and enhance the EU R&I system in line with **the four priorities of the ERA Communication**
- Support to national R&I policy reform,
- Promote researchers careers and open science policy
- Share research output effectively,
- Promote ERA principles
- Citizens science and science communication

€ 0,44 billion

European Commission

HORIZONTE EUROPA

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Servicios NCPs

Ampliar la participación y fortalecer el Espacio Europeo de Investigación

Equipo Puntos Nacionales de Contacto

Noelia Romero

Widening - COST & ERA
FECYT, MCIN
Widening-ERA@fecyt.es
+34 91 425 09 09

Ana Hidalgo

Widening
CSIC
Widening-ERA@fecyt.es
+34 954232349

Aïda Díaz

ERA
Agencia de Gestión de Ayudas Universitarias y de Investigación (AGAUR)
Widening-ERA@fecyt.es
+34 932 688 797

Almudena Carrero

Cross cutting Género
FECYT, MCIN
Widening-ERA@fecyt.es
+34 916 03 79 86

Servicios NCP

Para todos:

- Sesiones informativas y webinarios
- Resolución de consultas

Para coordinadores:

- Asesoramiento sobre el encaje de la idea de proyecto
- Lectura de propuestas (¡hasta tres semanas antes de la fecha de cierre!)
- Talleres de preparación y escritura de propuestas

Para socios:

- Herramientas de búsqueda de socios a través de la Red SIS.NET.
- Asesoramiento sobre el perfil para ser publicado en las redes

widening-era@fecyt.es

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El programa

Pilar 1
Ciencia excelente

- Consejo Europeo de Investigación
- Acciones Marie Skłodowska-Curie
- Infraestructuras de investigación

Pilar 2
Desafíos mundiales y competitividad industrial europea

Clústeres
- Salud
- Cultura, creatividad y sociedad inclusiva
- Seguridad civil para la sociedad
- Mundo digital, industria y espacio
- Clima, energía y movilidad
- Alimentación, bioeconomía, recursos naturales, agricultura y medio ambiente

- Centro Común de Investigación

Pilar 3
Europa innovadora

- Consejo Europeo de Innovación
- Ecosistemas europeos de innovación
- Instituto Europeo de Innovación y Tecnología

Ampliar la participación y fortalecer el Espacio Europeo de Investigación

- Ampliar la participación y difundir la excelencia
- Reformar y mejorar el sistema europeo de I+i

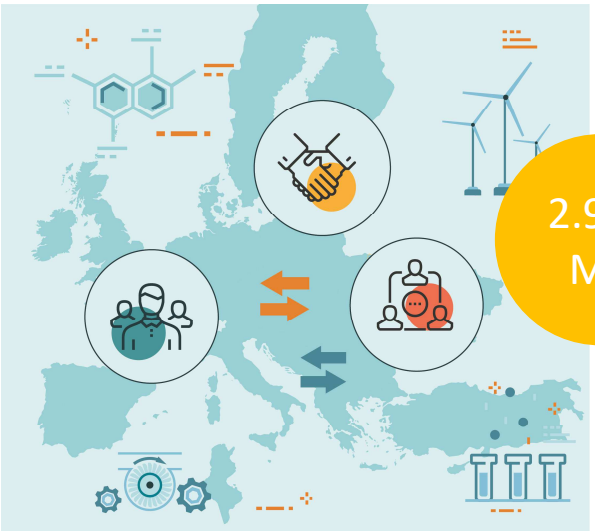
3.393 M€

HORIZONTE EUROPA

El programa

3.393 M€

Ampliar la participación y difundir la excelencia



2.955 M€

Reducir el gap entre los países más avanzados y los menos avanzados en I+D+I
Destinos 1 y 2

Programa COST

Acuerdo común: al menos el **3,3%** del presupuesto de Horizonte Eur

Reformar y mejorar el sistema europeo de I+I

438 M€

Fortalecer el Espacio Europeo de Investigación - Alineamiento con Destino 3

Reformar y mejorar el sistema europeo de I+I: Principal Objetivo

"Reforming and enhancing the European R&I system, including through for example supporting national research and innovation policy reform, providing attractive career environments, and supporting gender and citizen science"

Source: Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL establishing Horizon Europe - General Approach September 2020

Programa de trabajo 2021-2022

EN

Horizon Europe

Work Programme 2021-2022

11. Widening participation and strengthening the European Research Area

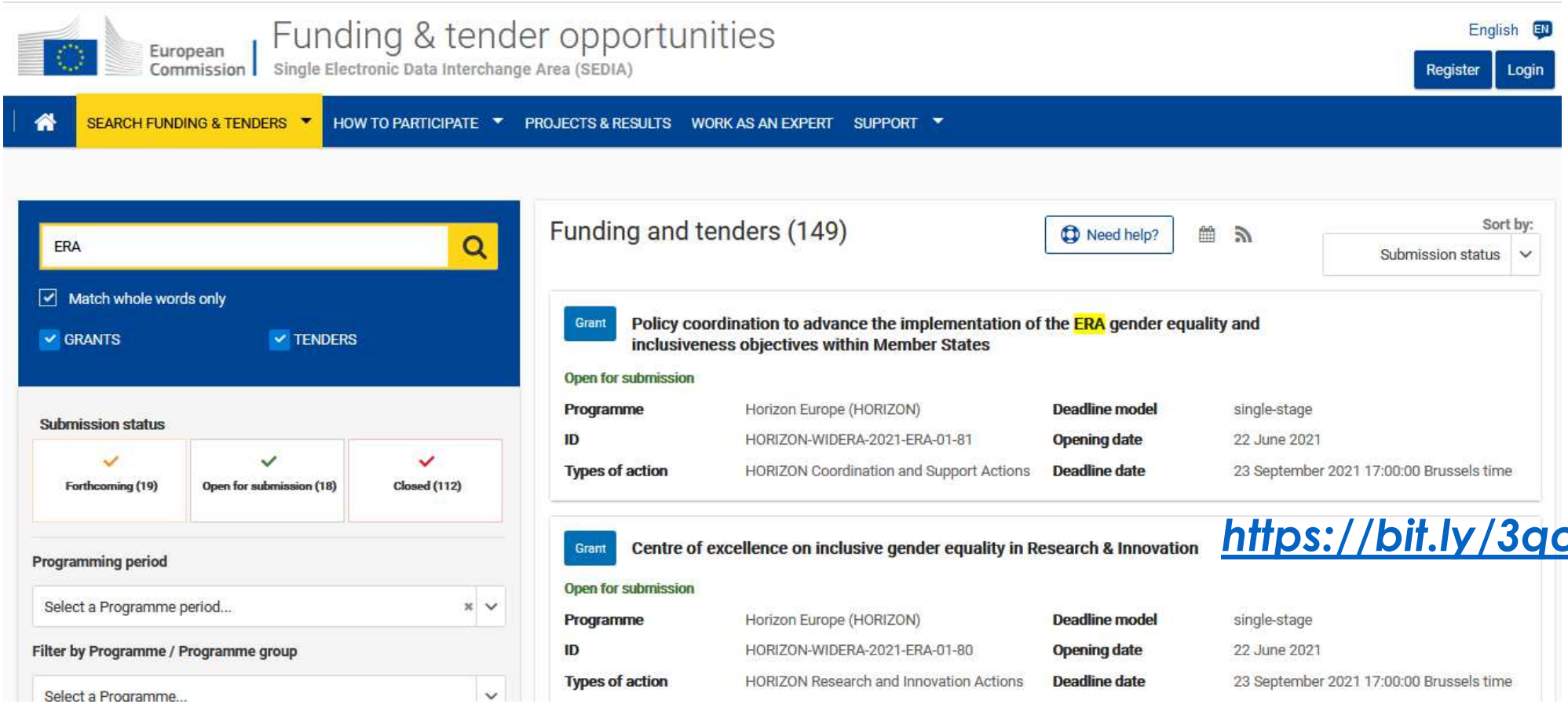
(European Commission Decision C(2021)4200 of 15 June 2021)

- Publicación WP: 15 Junio 2021
- Publicación Convocatorias 2021

- 2 años
- 4 Ejes estratégicos.
- No hay convocatorias a dos fases en este WP
- Posibilidad de "resubmission" para aquellas propuestas no financiadas en Horizonte 2020 y que se presentan a las convocatorias 2021 o 2022

Search Funding & Tenders (europa.eu)

Programa de trabajo 2021-2022



https://bit.ly/3qoAeYa

Programa de trabajo 2021-2022

PLAZOS 2021

PRESUPUESTO	
2021	2022
61,5M€	60,5M€

	Convocatoria 2021	Convocatoria 2022
Publicación	22/06/2021	19/01/2021
Cierre convocatoria	23/09/2021	20/04/2021
Evaluación*	Octubre-Noviembre 2021	Mayo/Junio 2021
Resultados de la* evaluación	Finales 2021 /Principios 2022	Julio 2021

** Estimación: Sujeto a cambios*

Reformar y mejorar el sistema europeo de I+I

1. Prioritising investments

- Policy Support Facility
- Support for policy makers

2. Improving access to excellence

- Networking for research managers
- Support for Western Balkans

4. Deepening the ERA

- Empowering universities
- Academic freedom
- Strengthening R&I talents
- Open Science
- Science education and communication
- Ethics and integrity
- Gender

3. Translating R&I results into economic value

- Standardisation booster, Innowide Bridging, IP mgmt
- Place-based innovation, ERA hubs

European Commission

14 Líneas generales o áreas de intervención

Evidence Base	R&I Policy Reform	Ethics & Integrity	
Foresight	Careers & Universitites	International Cooperation	
Policy Maker Support	Citizen Science	Scientific Advice	NCPs
Open Science	Gender Equality	HEU Implementation	Dissemination & Exploitation

Source: Proposal for a DECISION OF THE COUNCIL on establishing the specific programme implementing Horizon Europe – the Framework Programme for Research and Innovation - General Approach, September 2020

Horizon 2020 Work Programme
Science with and for Society

- Ethics & Integrity
- Careers & Universitites
- Citizen Science
- Gender Equality
- Open Science

Horizon 2020 WP
Europe in a changing world – Inclusive, innovative and reflective societies

- Evidence Base
- R&I Policy Reform
- International Cooperation
- Scientific Advice

Horizon 2020 Work Programme
Dissemination, Exploitation and Evaluation

- NCPs
- Dissemination & Exploitation
- HEU Implementation

- Foresight
- Policy Maker Support

Programa de trabajo 2021-2022: TOPICS

2021: 20
2022: -

2. Improving access to excellence

- Networking for research managers
- Support for Western Balkans

1. Prioritising investments

- Policy Support Facility
- Support for policy makers

4. Deepening the ERA

- Empowering universities
- Academic freedom
- Strengthening R&I talents
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- Gender

3. Translating R&I results into economic value

- Standardisation booster, Innowide Bridging, IP mgmt
- Place-based innovation, ERA hubs

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European Commission

2021: 30, 32, 33
2022: 30, 31, 32

2021: 9
2022: 10

2021:
Open Science: 40, 41, 43, 44, 45
Higher Education Institutions and Researchers: 50
Citizen Science: 60, 61
Science Education: 70
Gender Equality: 80, 81
Ethics&Integrity: 90, 91

2022:
Open Science: 40, 41, 42, 44
HEI&R: 50, 51
Science Communication: 60
Science Education: 70
Gender Equality: 80, 81
Ethics&Integrity: 90,91

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Programa de trabajo 2021: TOPICS

1. Prioritising investments

- Policy Support Facility
- Support for policy makers

TOPIC	TITLE
HORIZON-WIDERA-2021-ERA-01-09	Support for policy makers – Programme level collaboration between national R&I programmes

HORIZON-WIDERA-2021-ERA-01-09: Support for policy makers – Programme level collaboration between national R&I programmes

Rationale

- The new policy approach to European Partnerships limits co-funding to Union and Horizon Europe priorities

Objective

- Align national and regional research funding programmes (managed by national or regional programme owners / managers) on agreed common priorities

Expected Outcome

- Coordinate national and regional R&I programmes Identification of common research and innovation priorities.
- Implementation of multiannual joint calls (funding of transnational collaborative R&I projects)
- Joint activities supporting the market, regulatory or societal uptake of results;
- Contribution to participating states meeting Global Challenges, including relevant contribution to the SDGs.

Not overlap with other on-going actions co-funded by the EU

Third countries/regions participation is encourage

CSA
10,5 M€ (Entre 3 y 5 proy)

Programa de trabajo 2021: TOPICS

2. Improving access to excellence

- Networking for research managers
- Support for Western Balkans

TOPIC	TITLE
HORIZON-WIDERA-2021-ERA-01-20	Towards a Europe-wide training and networking scheme for research managers

HORIZON-WIDERA-2021-ERA-01-20: Towards a Europe-wide training and networking scheme for research managers

Rationale:
- Entities and regions who are proven strong and excellent hubs in knowledge creation and innovation usually rely on a strong population of 'research managers': expand across ERA.

Objective:
- Improving training and skills development of research management staff.
- Develop better research and innovation management capacity and guidance for researchers.

Expected Outcome:
- Increased capacity and compatibility of cooperation and funding systems throughout the ERA for research management, and support to scientists.
- Improved knowledge for policy making about the networking patterns of support staff.
- Appropriate "fit for purpose" skills in EU research management for EU R&I system.
- Clear career path for research manager, enhancing role in ERA (recommendations).

CSA
3 M€ (2 proy)

HORIZON-WIDERA-2021-ERA-01-20: Towards a Europe-wide training and networking scheme for research managers

Research management can take many shapes: research policy advisers, research managers, financial support staff, data stewards, research infrastructure operators, knowledge transfer officers, business developers, knowledge brokers, innovation managers, etc.

- **Map and analyse** the EU landscape of research management and the financial framework to support it.
- Address a **wide scope of activities**, such as trainings, study visits, staff exchange, internships, exchange of good practices, development of guidelines for new research managers and policy recommendations on how to deliver on research management under the new ERA.
- Piloting a European **network** for research managers
- Create new **training paths** dedicated to research support/management staff (i.e certification, etc)

CSA
3 M€ (2 proy)

Programa de trabajo 2021: TOPICS

3. Translating R&I results into economic value

- Standardisation booster, Innowide Bridging, IP mgmt
- Place-based innovation, ERA hubs

TOPIC	TITLE
HORIZON-WIDERA-2021-ERA-01-30:	Implementation of a new macro-economic modelling concept
HORIZON-WIDERA-2021-ERA-01-32:	Standardisation Booster for fostering exploitation of FP-funded research results
HORIZON-WIDERA-2021-ERA-01-33:	R&I intensive IP management: Scenarios for the future

HORIZON-WIDERA-2021-ERA-01-30: Implementation of a new macro-economic modelling concept

Rationale:

- This action will operationalise the recommendations of the "Expert Group to advise on further development of the macro-economic modelling agenda" run during the period 2019-2020.Enlace

Objectives:

- Develop a renovated R&I macro-economic modelling framework

Expected Outcome:

- Better integration of research and innovation activities in macro-economic models (better measurement and understanding of their impact in Europe).
- Improved macro-economic modelling for the evaluation of R&I policy, at the different levels of policy intervention (EU, national, regional)
- Reinforcement of the scientific community focused on the role of research and innovation in the EU economy based on macro-economic models (increased interactions between this community and policy makers).

RIA
1 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-32: Standardisation Booster for fostering exploitation of FP-funded research results

Rationale

Need to improve the standardissation of the results of Horizon 2020 and Horizon Europe projects.

Objectives:

- Develop a *Standardisation Booster* (proof of concept scheme).
- Help beneficiaries to test the relevance of their results for standardisation activities (Engage with standardisation bodies, focus groups, awareness events, etc)

Expected Outcome:

- Increased participation of research performers in standardisation activities.
- Increased development of new standards or revision of existing standards to reply to new industrial and market conditions.
- Increased uptake of new technologies resulting from boosting standardisation activities.

Geographical and gender balance

Cascade funding (financial support to third parties)

CSA
2 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-33: R&I intensive IP management: Scenarios for the future

Rationale:

- Technology sovereignty requires an in-depth understanding of the research and innovation landscape.

Objective:

- To look at ways to overcome the existing gaps researchers have to face when following unconventional discovery methods (e.g. artificial intelligence, computer inventions etc.).

Expected Outcome:

- A mapping of the forthcoming technology process trends and the IP framework
- An assessment of the current intellectual property methods
- Development of scenarios with potential new protection mechanisms
- Set of guidelines to R&I actors
- Set of recommendations for policy makers
- Establishment of a communication channel. Open dialogue (stakeholders, practitioners & policy makers.

CSA
1 M€ (1 proy)

Programa de trabajo 2021: TOPICS

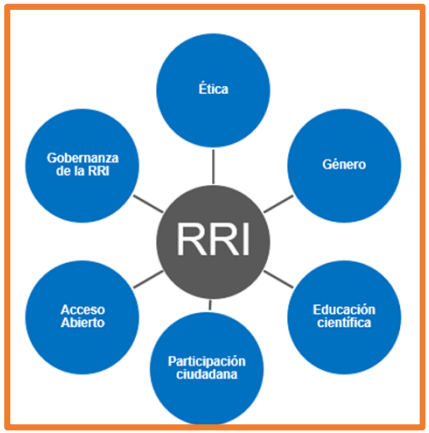
	Orientación	Nº Topics
1	Ciencia Abierta	5
2	Institución educación superior e investigadores	1
3	Ciencia Ciudadana	2
4	Educación Científica	1
5	Género	2
7	Ética e integridad	2

En 2022, un topic sobre comunicación científica

Horizon 2020
2014-2020

Investigación e Innovación Responsable

- Marco de trabajo que implica la **participación de la sociedad** en la ciencia y la innovación, "desde las fases más iniciales" de los procesos de investigación e innovación, para **alinear sus resultados con los valores** de la sociedad.



- Implica cooperación de todos los grupos de interés en: **educación científica**, **participación ciudadana**, **acceso a los resultados de investigación**, **ética** y **género**.

Programa de trabajo 2021: TOPICS

4. Deepening the ERA

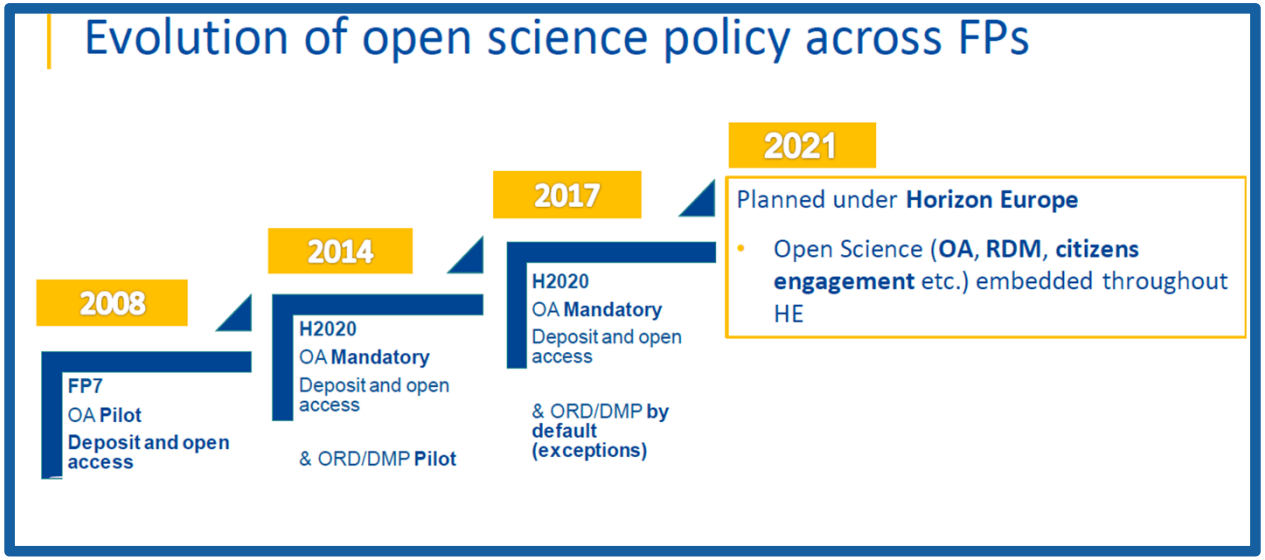
- Empowering universities
- Academic freedom
- Strengthening R&I talents
- Open Science
- Science education and communication
- Ethics and integrity
- Gender

Ciencia Abierta

Topic	Título
ERA-01-40	Modelling and quantifying the impacts of open science practice
ERA-01-41	Global cooperation on FAIR data policy and practice
ERA-01-43	Capacity-building for institutional open access publishing across Europe
ERA-01-44	Societal trust in science, research and innovation
ERA-01-45	Support to changes in the assessment of research and researchers to reward the practice of open science

Open Science

Open science consists of sharing knowledge and data as early as possible in the research process, in open collaboration with all relevant actors, including citizens.



HORIZON-WIDERA-2021-ERA-01-40: Modelling and quantifying the impacts of open science practice

Rationale:

The evidence base on Open Science remains fragmented and incomplete.

Objectives:

- Systematise and evaluate the validity and robustness of existing literature, data and evidence of impacts of open science practice.
- Leverage and valorise the body of knowledge resulting from previous programmes (FP6, FP7 and H2020)
- Complement existing evidence and develop scientific methodologies and models to capture impacts.
- Perform cost/benefit analyses of open science practice.

Expected Outcome:

- Structured evidence of scientific, societal and economic impacts of open science practice
- New methods, tools and data required to measure them.
- Better knowledge on how impacts develop and how a diversity of benefits can be achieved at scientific, societal and economic levels.
- Better understanding on how the practice of open science can contribute to the increased reproducibility of research results.

Open Science as *modus operendi* of modern science

Early open sharing.

RIA
2 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-41: Global cooperation on FAIR data policy and practice

Rationale:

- Technological advancements have made science more data intensive and interconnected.
- FAIR data remains fragmented across borders and disciplines.
- Need for good management and data stewardship practices.

Objectives:

- To make FAIR data sharing the default for scientific research

Expected Outcome:

- Strengthened international cooperation to increase and mainstream FAIRness of data and digital objects.
- Connection of disconnected initiatives on data management, data stewardship and FAIR data practices as enablers of open science.
- Increased FAIR data sharing within and across scientific disciplines and innovation sectors.

Activities:

- Both data and All digital objects.
- Map current initiatives and best practices,
- Support case studies and pilots and guidelines.
- Develop assessment and evaluation methodologies
- Globally, within a given scientific discipline, and across disciplines.

EOSC Partnership (cooperation and alignment)

Feedback mechaniim with the awarded proposal from HORIZON-INFRA-2021-EAOSC-O1-03/04/05/06/07 and 2022 EOAC-01-03

CSA
1 M€ (2 proy)

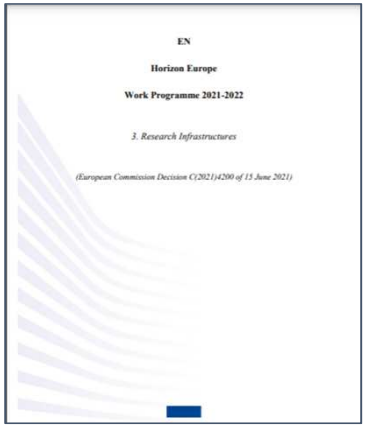
Early open sharing.

HORIZONTE
EUROPA

HORIZON-WIDERA-2021-ERA-01-41: Global cooperation on FAIR data policy and practice

Coordination and alignment with the Infrastructures programme (awarded proposals).

Enlace



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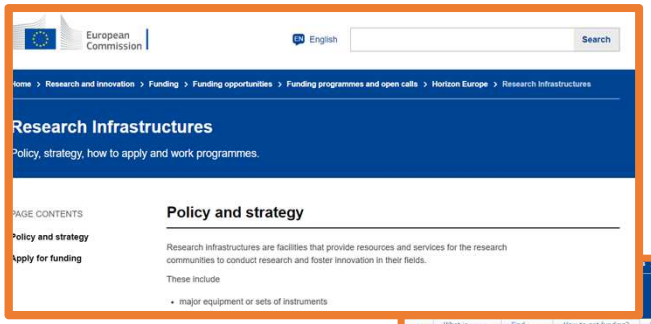


Enlace

Enlace

HORIZON-WIDERA-2021-ERA-01-43: Capacity-building for institutional open access publishing across Europe

Rationale:

- Recent years have witnessed a sharp increase in open access publishing activities from all type of actors (Commercial scientific publishers; research funders, research institutions; libraries etc).
- New opportunities and challenges arise from the new Open Science scenario.

Objectives:

- Provide a comprehensive map of the current landscape of institutional publishing activities across Europe (service provision mechanisms, funding processes, gaps, etc)
- Improve the coordination, quality and services of existing and substantial institutional open access publishing in EU member states and associated countries.

Expected Outcome:

- Improved understanding of the current landscape of institutional scientific publishing activities across Europe.
- Coordination amongst institutional publishing services and initiatives across Europe at the non-technological level and improve their overall service efficiency, in particular in a multilingual environment.
- Actionable recommendations for strategies regarding institutional publishing in research performing organisations across the European Research Area.

No longer than 36 months

CSA
3 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-44: Societal trust in science, research and innovation

Rationale:

Societal trust in the research system and confidence in its outcomes is vital to ensure the EU's contribution to its main policies; for the uptake of innovation in society; and for continued public support for investment in R&I

Objectives:

- Improve high standards of research integrity, an ethical mind-set and critical thinking
- Increased public trust in science.
- Increased alignment of strategic research with society needs, expectations and values.

Expected Outcome:

- Recommendations for tackling societal mistrust in science, research and innovation;
- Recommendations for strengthening the co-creation of R&I contents by society, and for the spreading of good practices and evidence of their effects.

- Workshops, small-scale studies and participatory research actions.
- Develop policy guidance and recommendations
- Use of Eurobarometers, national barometers, etc
- Co-creation (users; stakeholders; general public; etc)
- Responsible Research and Innovation

Close co-operation should be sought with other relevant projects

RIA
2 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-45: Support to changes in the assessment of research and researchers to reward the practice of open science

Rationale:

The current evaluation and funding system of research and researchers is limiting open science practice, as it is still largely based on inappropriate indicators to reward open science practices (quantity versus quality),

Objectives:

- Researchers incentivised to practice open science; Increased impact of open science.
- Develop guidance and recommendations on institutional changes with respect to rewarding researchers for open science practices.
- Pilot the development, implementation and monitoring of new methods, associated metrics, strategies and policies that integrates open science practices.

Expected Outcome:

- Consolidated information on initiatives for reforming the assessment of research and researchers, taking better account of open science practice.
- Connection of existing initiatives at European level, facilitating mutual learning, and stimulating consensus building among the stakeholders.
- Pilots on new metrics, methods and institutional changes for reforming the assessment of research and researchers.
- Increased capacity in the EU R&I system to conduct open science and set it as a ***modus operandi*** of modern science

Cooperate with projects to be funded under topic HORIZON-INFRA-2022-EOSC-01-01

Build on previous programmes; institutional iniciatives; or Open Science policy platform

CSA
2 M€ (1 proy)

Programa de trabajo 2021: TOPICS

4. Deepening the ERA

- Empowering universities
- Academic freedom
- Strengthening R&I talents
- Open Science
- Science education and communication
- Ethics and integrity
- Gender

Institución educación superior e investigadores

Topic	
ERA-01-50	Protection of Higher Education Institutions and research organisations against conventional and non-conventional threats

HORIZON-WIDERA-2021-ERA-01-50: Protection of Higher Education Institutions and research organisations against conventional and non-conventional threats

Rationale:

- The EU Higher Education Institutions and research organisations continue to face serious threats that may destabilise and endanger our higher education and research institutions and undermine our fundamental European values.

Objectives:

- Analyse possible threats and identify mitigation measures.
- Promote networking and optimising of infrastructure and resources to ensure adequate preparedness and prevention at European level.

Expected Outcome:

- Increase the awareness of Higher Education Institutions and research organisations to conventional and non-conventional threats.
- Boost the capacities of Higher Education Institutions and research organisations to deter and respond to non-conventional threats.
- Improve the resilience of Higher Education Institutions and research organisations

Build on previous programmes; institutional iniciatives; or Open Science policy platform

RIA
2 M€ (2 proy)

Programa de trabajo 2021: TOPICS

4. Deepening the ERA

- Empowering universities
- Academic freedom
- Strengthening R&I talents
- Open Science
- Science education and communication
- Ethics and integrity
- Gender

Ciencia Ciudadana

Topic	
ERA-01-60	A capacity-building and brokering network to make citizen science an integral part of the European Research Area
ERA-01-61	Supporting and giving recognition to citizen science in the European Research Area

HORIZON-WIDERA-2021-ERA-01-60: A capacity-building and brokering network to make citizen science an integral part of the European Research Area

Rationale:

Citizen Science is a rapidly emerging mode of research and innovation but it is embedded institutionally only to a limited extent, at an early stage of developing data infrastructures, and lacks the capacities and sustainable resourcing required to live up to its potentials.

Objectives:

- Increased engagement of citizens in research and innovation.
- Increased public trust in research and innovation.
- Increased capacity in the EU R&I system to conduct open science and to set it as a *modus operandi* of modern science.

Expected Outcome:

- Strengthened links and collaboration between citizen science initiatives and other research and innovation actors-
- Increased capacity to conduct excellent research and innovation through citizen science, while maximising other potential benefits of citizen science;
- Data infrastructures better aligned to the needs of citizen science, and improved data practices employed by citizen science initiatives;
- Europe positioned as a leader in citizen science

HORIZON-WIDERA-2021-ERA-01-60: A capacity-building and brokering network to make citizen science an integral part of the European Research Area

- Central point of exchange (H2020; HE, Mission, ODS, Green Deal, etc).
- Up-to-date repositories of initiatives, good practices and tools, and become a stage for discussion and collaboration.
- Offer in situ brokering, skills, training and capacity building services.
- Key interlocutor between citizen science initiatives and existing thematic databases and infrastructures (Make citizen science data FAIR).
- Efforts to reduce citizen science disparities across disciplines in the ERA (e.g. at local, regional, national and EU levels).
- Inclusive in citizens' involvement in terms of geography, gender, ethnicity, disability, age, socio-economic background etc.
- Build on and valorise the results of earlier projects (FP6, FP7 and H2020) and national and regional initiatives

The action should be no shorter than 3 years.

International Cooperation

Early open sharing.

CSA
4 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-61: Supporting and giving recognition to citizen science in the European Research Area

Rationale:

- Citizen Science is a rapidly emerging mode of research and innovation but its financial support is not well adapted to the needs of small-scale and experimental activities.

Expected Outcome:

- Significant number of: experimental citizen science initiatives kick-started; citizen science initiatives supported to become sustainable; newcomers; and a significant number of citizens involved in co-producing scientific knowledge;
- Increased recognition of excellent citizen science initiatives throughout the European Research Area;
- Improved evidence base for making policy on citizen science.

HORIZON-WIDERA-2021-ERA-01-61: Supporting and giving recognition to citizen science in the European Research Area

- **Two calls** for proposals through financial support to third parties:
  1. *Kick-starting*: *at least* 100 citizen science activities that are at the conceptual or pilot stage.
  2. *Sustaining*: *at least* 25 on-going or recent citizen science activities to find ways to sustain their activities;

- Launch a **European Union Prize for Citizen Science** (funded by the action through financial support to third parties). Cerimony + Communication Strategy). Each prize should be in the range of EUR 10 000 – 60 000.

- ❑ All areas of research and innovation
- ❑ All types of participation.
- ❑ Inclusive
- ❑ Policy recommendations
- ❑ Policy briefs
- ❑ Learning sharing
- ❑ Build on and valorise the results of previous projects (FP6, FP7 and H2020) and national and regional initiatives

The project should last a minimum of 4 years.

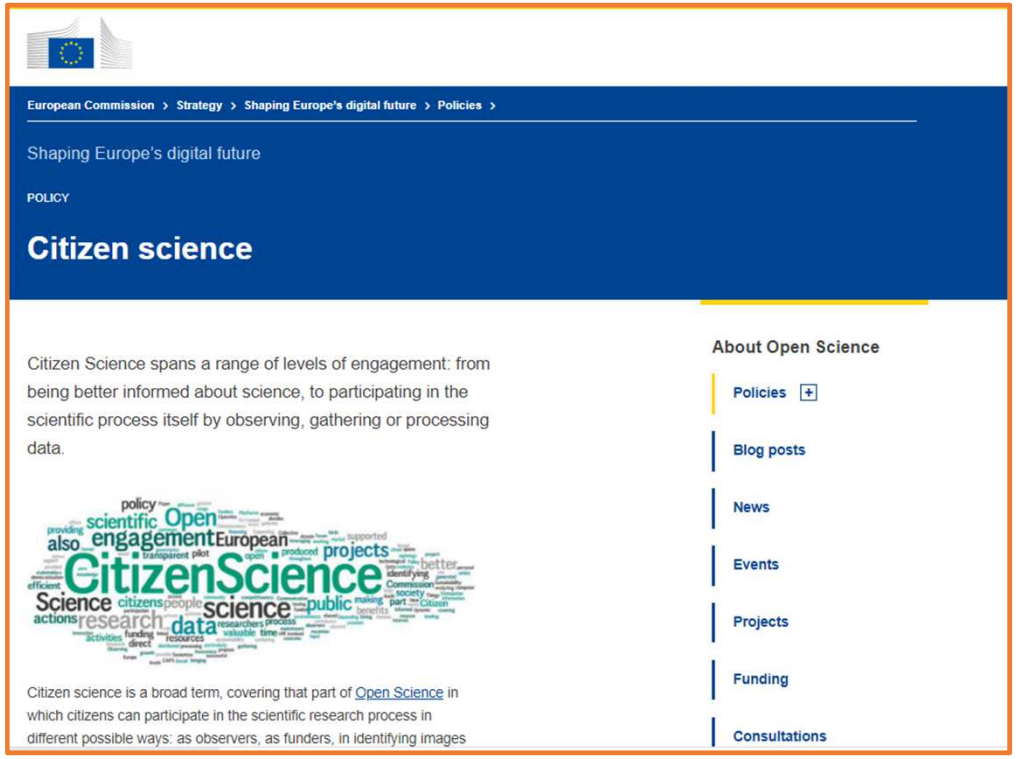
Early open sharing.

Cascade funding

General Annex G

CSA
4 M€ (1 proy)

Ciencia Ciudadana



Enlace

Enlace

http://www.cimulact.eu/

Programa de trabajo 2021: TOPICS

4. Deepening the ERA

- Empowering universities
- Academic freedom
- Strengthening R&I talents
- Open Science
- Science education and communication
- Ethics and integrity
- Gender

Science Education

Topic	
ERA-01-70	Developing a STE(A)M roadmap for Science Education in Horizon Europe

HORIZON-WIDERA-2021-ERA-01-70: Developing a STE(A)M roadmap for Science Education in Horizon Europe

Rationale:

Europe needs more scientists and a science literacy society

Objectives:

Develop and deliver a STEAM roadmap for Science Education in Horizon Europe, in synergy with Erasmus and with a focus on also increasing female participation and deconstruction gender stereotypes.

Expected Outcome:

- Better knowledge on policy deficiencies and better understanding of needs;
- Identify synergies between second and third level education, and between education and business;
- Contributions to future Policy actions;
- Promoting an integrated learning continuum between second and third level education and between education and business;
- Convince students and citizens about the opportunities within policy areas such as the Green Deal, Digitisation and Health.

Open Schooling

Links with Scientix & projects funded under SwafS-26-2020 & other policy domains

CSA
5 M€ (Between 2 &3 proy)

EC Definitions

Definitions on formal, non-formal and informal learning and Open Schooling...

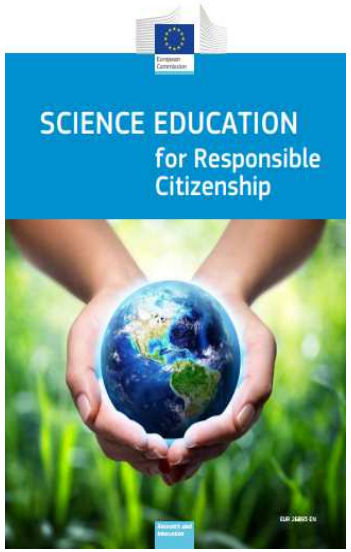
Formal learning *– learning that occurs in an organised and structured environment (e.g. in an education or training institution or on the job) and is explicitly designated as learning (in terms of objectives, time or resources). Formal learning is intentional from the learner's point of view. It typically leads to validation and certification.*

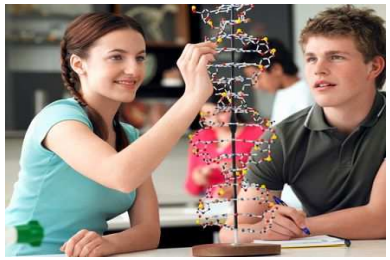
Non-formal learning *– learning which is embedded in planned activities not always explicitly designated as learning (in terms of learning objectives, learning time or learning support), but which contains an important learning element. Non-formal learning is intentional from the learner's point of view. It can take place in museums, science camps/ clubs etc.*

Informal learning *– learning resulting from daily activities related to work, family or leisure. It is not organised or structured in terms of objectives, time or learning support. Informal learning is mostly unintentional from the learner's perspective.*

Open Schooling *– institutions that promote partnerships with families and the local community, with a view to engaging them in the teaching and learning processes but also to promote education as part of local community development.*

Educación Científica





1. **Scientix**: www.scientix.eu
2. **Science Education for responsible Citizenship**: http://eshorizonte2020.es/mas-europa/ciencia-con-y-para-la-sociedad/documentos-de-interes
3. **SIS.net Science Education Policy Brief** : Enlace http://www.sisnetwork.eu/media/sisnet/Policy_Brief_Science_Education.pdf

Programa de trabajo 2021: TOPICS

4. Deepening the ERA

- Empowering universities
- Academic freedom
- Strengthening R&I talents
- Open Science
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- Ethics and integrity
- Gender

Gender Equality

Topic	
ERA-01-80	Centre of excellence on inclusive gender equality in Research & Innovation
ERA-01-81	Policy coordination to advance the implementation of the ERA gender equality and inclusiveness objectives within Member States

HORIZON-WIDERA-2021-ERA-01-80: Centre of excellence on inclusive gender equality in Research & Innovation

Rationale:

As GEP is an eligibility criterion, there is a strong need for expert policy and knowledge support for its inclusive implementation.

Objectives:

- Establish a sustainable European Centre of Excellence and think tank
- Provide expertise and support to Member States, R&I organisations, and the European Commission, in GEPS (tailored training activities; develop a Community of Practice; etc).
- Provide expert support for the collection of pan-European data on gender equality in R&I and the development of new indicators.
- Contribute to the She Figures publication

Expected Outcome:

- Advancement of knowledge, policy and practice on inclusive gender equality in research and innovation institutions across Europe, with an intersectional, geographically inclusive, and multi-sectorial approach.
- Reduced disparities across Member States and strengthening of the European Research Area and its gender equality and inclusiveness objective.

Build on previous projects and initiatives

RIA
5 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-81: Policy coordination to advance the implementation of the ERA gender equality and inclusiveness objectives within Member States

Expected Outcome:

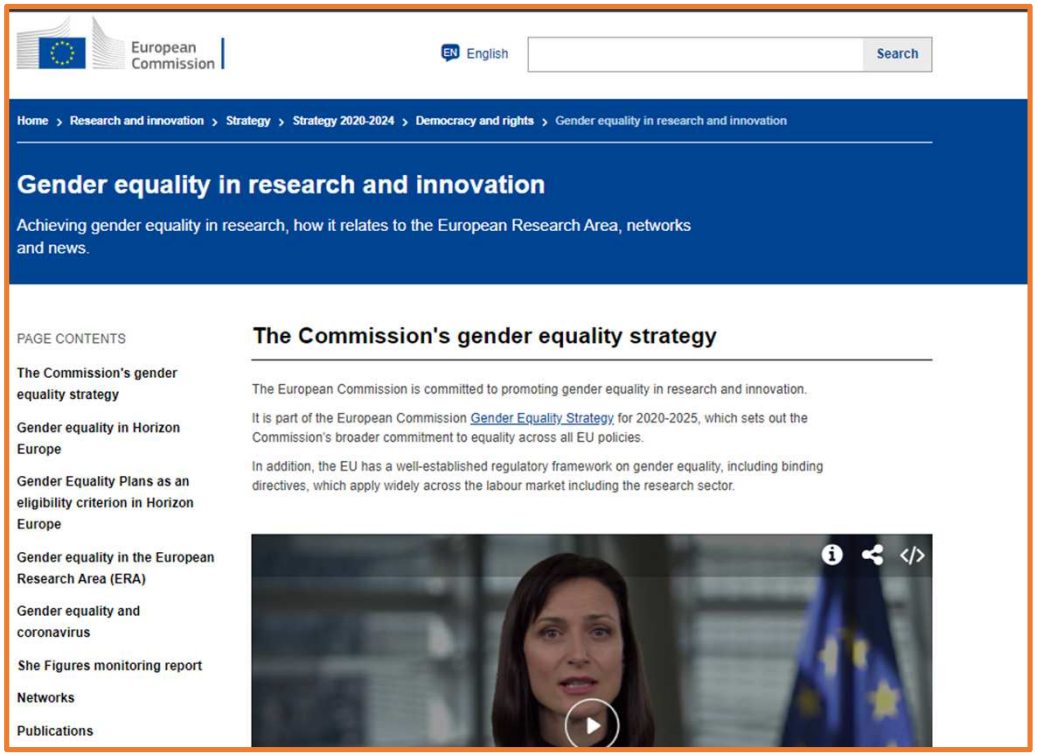
- Network of national representatives on gender equality and inclusiveness in support of the implementation of the ERA Communication policy objectives, leading to better coordination of Member States' efforts.

EU Member States and Associated Countries, both from national bodies (e.g. ministries) and from national research funding organisations, to support the implementation of the gender equality and inclusiveness objectives of the ERA.

- Develop innovative and engagement activities, connect citizens, experts and policy makers.
- Support to widening countries.
- Transnational Community of Practice of R&I funding organisations.
- Integration of the gender dimension into R&I content.
- In coordination with ERA-related official groups, and with the European Commission.
- The participation of at least 23 Member States, and in addition, of national representatives from Associated Countries.

CSA
3 M€ (1 proy)

Género



Enlace

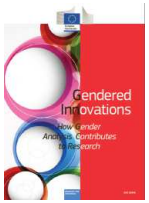
GENPORT
Gender Community of practitioners for knowledge sharing and collaboration
www.genderportal.eu

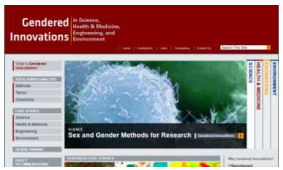
Gender toolkit (trainings)
https://www.yellowwindow.com/genderinresearch

GENDER-NET Integration of Gender Analysis into Research
http://www.gender-net.eu/?lang=en

GENDER Innovations
https://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=3853
https://genderedinnovations.stanford.edu/

European Institute for Gender Equality
http://eige.europa.eu





Programa de trabajo 2021: TOPICS

4. Deepening the ERA

- Empowering universities
- Academic freedom
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- Open Science
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- Ethics and integrity
- Gender

Ethics and integrity

Topic	
ERA-01-90	The challenges of research ethics and integrity in response to crisis: the coronavirus pandemic and beyond
ERA-01-91	Ensuring reliability and trust in quality of Research Ethics expertise in the context of new/emerging technologies

HORIZON-WIDERA-2021-ERA-01-90: The challenges of research ethics and integrity in response to crisis: the coronavirus pandemic and beyond

Rationale:
Main focus on the recent Covid-19 pandemic but also the wider objective of addressing the ethics of global crisis of the same kind (manmade or not).

Objectives:
Propose an operational ethics and integrity framework, which preserves the key ethics principles while supporting a rapid and effective response to a crisis and improving overall preparedness.

Expected Outcome:
Identification of policy options at EU level and support the work of relevant stakeholders notably the ethics committees and integrity bodies.
Operational ("how-to") guidelines to support the work of research teams.
Short documents complementing the European Code of Conduct for Research Integrity
Traditional and online training material for students, early career and experienced researchers; and Case studies.

Based on "Improving Pandemic Preparedness and Management" (GCSA), the European Group on Ethics in Science and New Technologies (EGE) and Peter Piot (Expert)

Gender dimension

All relevant stakeholders

Co-creation and participatoty events

CSA
4,5 M€ (1 proy)

HORIZON-WIDERA-2021-ERA-01-91: Ensuring reliability and trust in quality of Research Ethics expertise in the context of new/emerging technologies

Rationale:
Research ethics is the foundation of high quality research and a prerequisite for achieving excellence in research and innovation

Objectives:
- Identify the main ethics challenges resulting from the most impactful new and emerging technologies.
- Develop education, awareness actions and trainings for research ethics experts.
- Train experts, students. young researchers and research managers.
- Involving the key stakeholders.

Expected Outcome:
- Identification of **policy options** at EU level and support the work of relevant stakeholders notably the ethics committees and integrity bodies.
- Operational ("how-to") **guidelines** to support the work of research teams.
- Short **documents** complementing the European Code of Conduct for Research Integrity
- Traditional and online **training material** for students, early career and experienced researchers; and Case studies.

Gender dimension

Valorisation of the work produced

Networks (LERU; EARMA; ..)

CSA
4,5 M€ (1 proy)

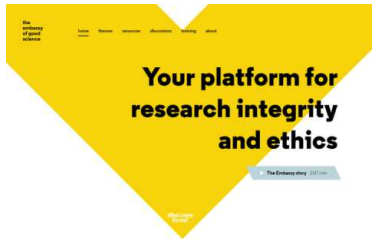
HORIZON-WIDERA-2021-ERA-01-90 & HORIZON-WIDERA-2021-ERA-01-91

- Based on **existing know how** and identification of preparedness need (GCSA; EGE, etc).
- **Bottom-up approach**, involving all relevant stakeholders (e.g. researchers, research funders, policy-makers, publishers and citizens) through the organisation of participatory events (workshops, consultations, 'town hall' meetings) .

Structured cooperation with the e-platform Embassy of Good Science, and the European Networks ENERI (European Network of Research Ethics Committees and Research Integrity Offices) and ENRIO (European Network of Research Integrity Offices).

International Cooperation: 2 at least from China, Korea and/or Africa; Others as associated partners

The Embassy of Good Science

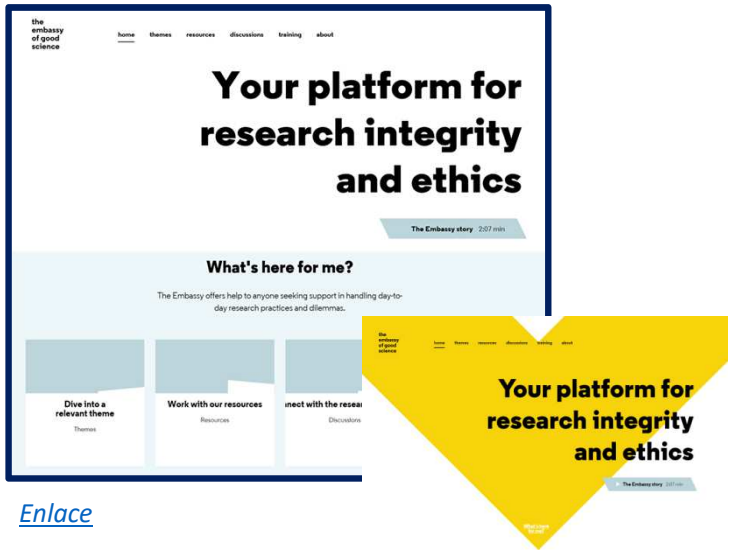


Enlace

The output material of the action must be made available on the e-platform Embassy of Good Science. Link

Ética i Integridad

The Embassy of Good Science



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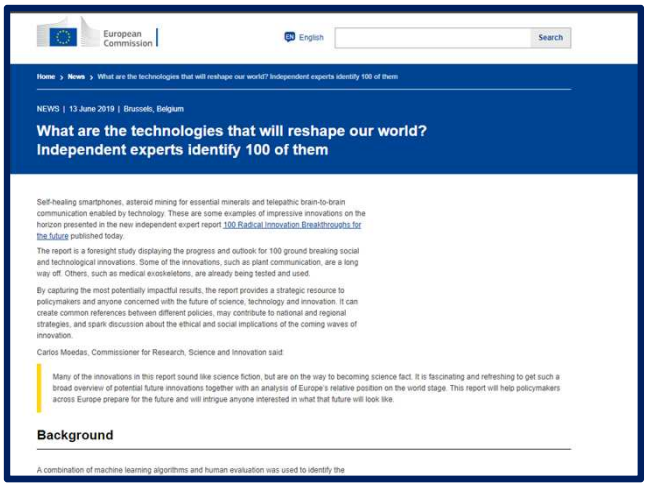
New Emerging Technologies



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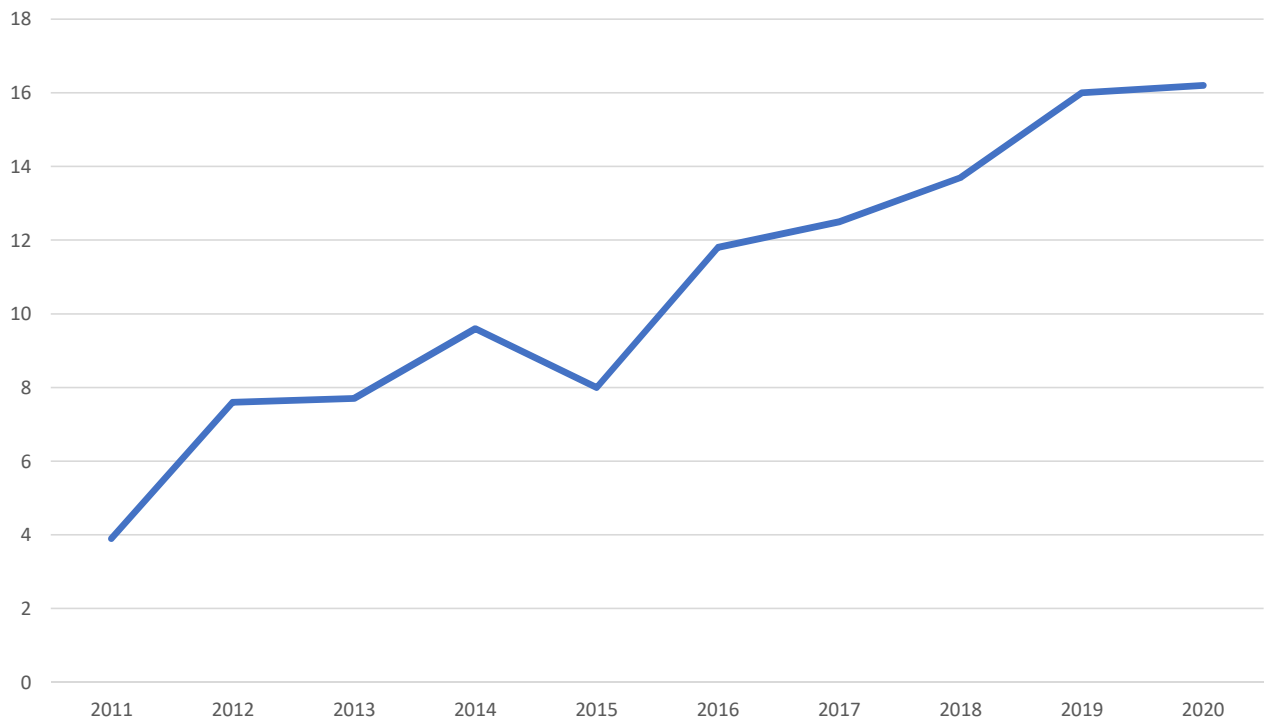
Convocatoria ERA 2022

OPEN SCIENCE		
ERA-01-40	Stepping-up institutional and territorial changes towards open and responsible research and innovation	*H2020*
ERA-01-41	Increasing the reproducibility of scientific results	
ERA-01-42	Supporting the development of aligned policies for open access books and monographs	
ERA-01-44	Developing and piloting training on the practice of open and responsible research and innovation	*H2020*
HIGHER EDUCATIONINSTITUTIONS AND RESEARCHERS		
ERA-01-50	Developing an effective ERA talent pipeline	
ERA-01-51	Acceleration Services in support of the institutional transformation of Higher Education Institutions	
SCIENCE COMMUNICATION		
ERA-01-60	A European competence centre for science communication	
SCIENCE EDUCATION		
ERA-01-70	Open schooling for science education and a learning continuum for all	*H2020*
GENDER EQUALITY		
ERA-01-80	Living Lab for gender-responsive innovation	
ERA-01-81	Support to the implementation of inclusive gender equality plans	*H2020*
ETHICS AND RESEARCH INTEGRITY		
ERA-01-91	The empirical and behavioural approach to research ethics and integrity	

Evolución participación Española en SWAFS 2024-2020



- Ocupa 1era posición a nivel UE en número de Proyectos financiados en Horizonte 2020.

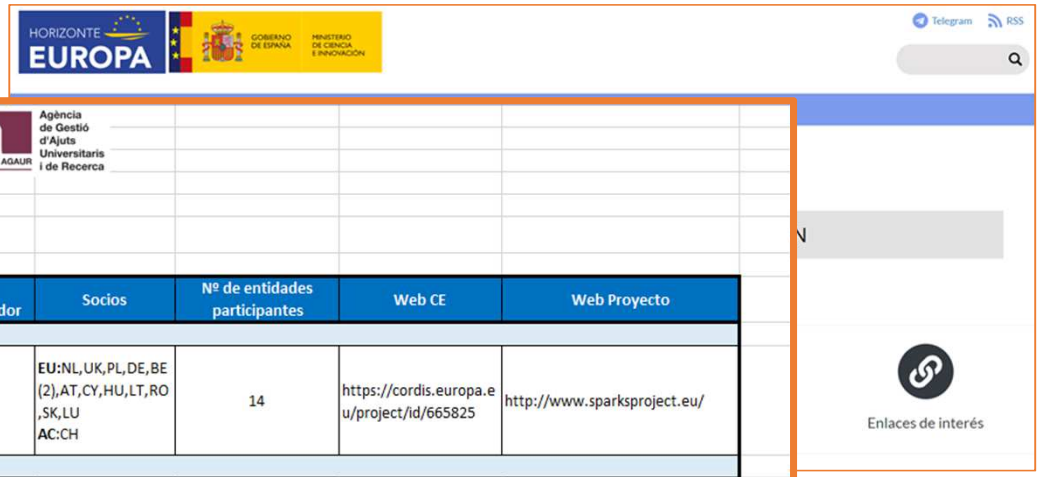
Proyectos financiados en SWAFS 2014-2020 (Disponible listado)

Gènero

Ètica

Investigación e Innovación

Ciencia Ciudadana



GOBIERNO DE ESPAÑA · MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES · oficina europea · FECYT FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA · AGAUR Agència de Gestió d'Ajuts Universitaris i de Recerca

Proyectos Ciencia Ciudadana

Proyecto	Título	Presupuesto (€)	Fechas	Coordinador	País Coordinador	Socios	Nº de entidades participantes	Web CE	Web Proyecto
ISSI-1-2014 Pan-European public outreach: exhibitions and science cafés engaging citizens in science									
SPARKS	SPARKS	3,5M	01-07-2015 20-06-2018 Ended	ASSOCIATION EUROPEENNE DES EXPOSITIONS SCIENTIFIQUES TECHNIQUES ET INDUSTRIELLES	BE	**EU:**NL,UK,PL,DE,BE(2),AT,CY,HU,LT,RO,SK,LU **AC:**CH	14	https://cordis.europa.eu/project/id/665825	http://www.sparksproject.eu/
ISSI-2-2014 Citizens and multi-actor engagement for scenario building									
CIMULACT	CITIZEN AND MULTI-ACTOR CONSULTATION ON HORIZON2020	3,3M	01-06-2015 31-03-2018 Ended	FONDEN TEKNOLOGIRADET	DK	**EU:**DE,AT,FR,BE(2),RO,CZ,BU,HU,IT,UK,ES,FI,PL,LI,LV,IE,NL,PT,MT,SK,CY,LU,HR,SE,GR **AC:**CH,NO	29	https://cordis.europa.eu/project/id/665948	http://www.cimulact.eu/
SwafS-23-2017. Responsible Research and Innovation (RRI) in support of sustainability and governance, taking account of the international context									
D-NOSES	Distributed Network for Odour Sensing, Empowerment and Sustainability	3,16M	01-04-2018 31-03-2021 Running	FUNDACION IBERCIVIS	ES	**EU:**ES(2),UK,DE(2),EL(2),AT,IT,PT(3),BG **TC:**CL	15	https://cordis.europa.eu/project/id/789315	https://dnoses.eu/
SwafS-15-2018-2019 Exploring and supporting citizen science									

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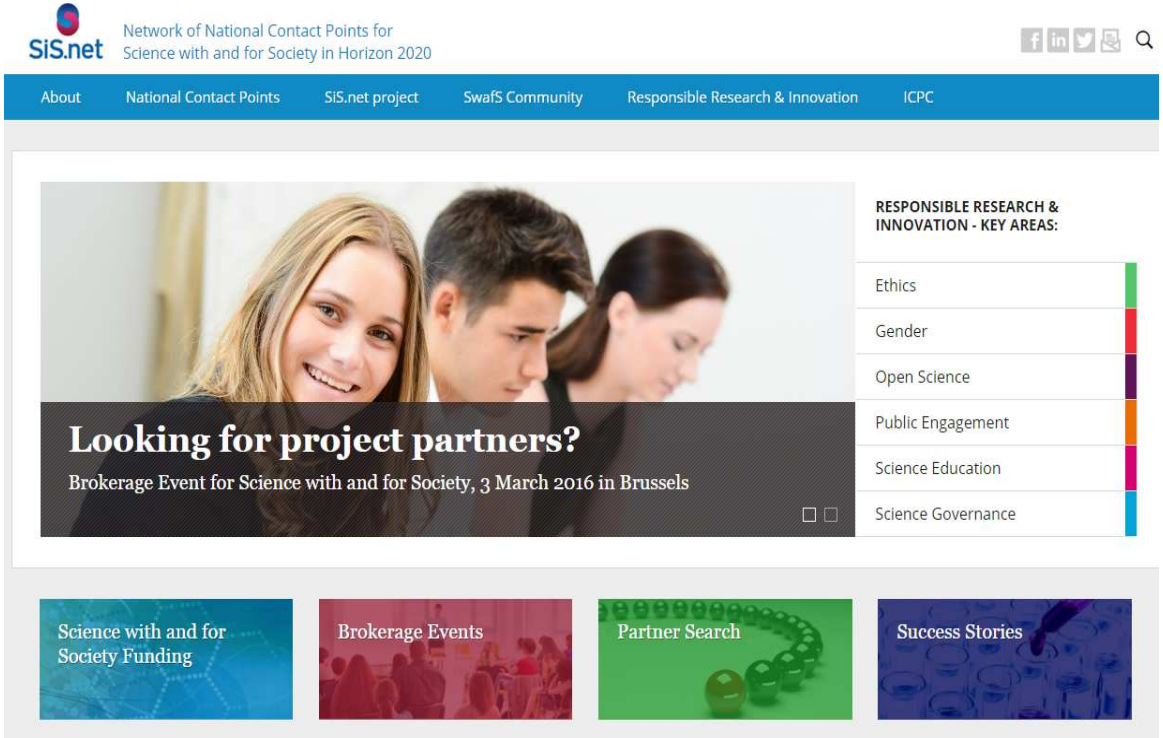
HORIZONTE EUROPA

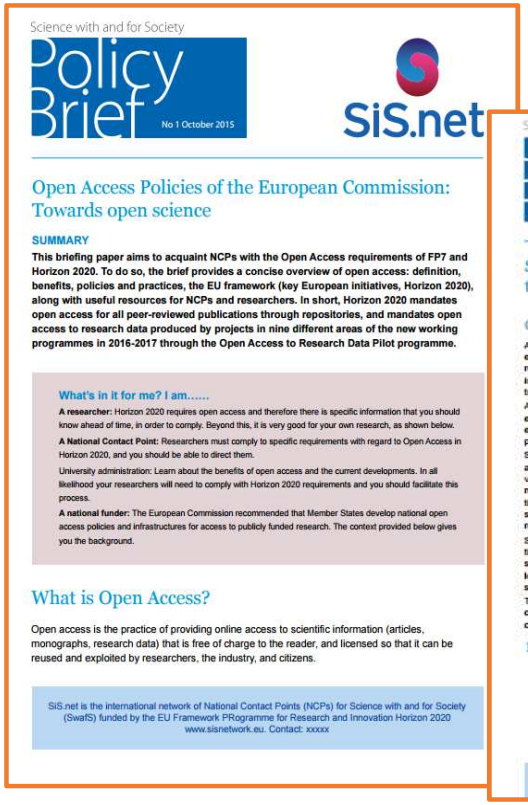
Red de NCPs H2020 - Proyecto SiS.net



- *Nueva red para Horizonte Europa a finales 2021*

SIS.net²: http://www.sisnetwork.eu/

SIS.net Policy Brief



Science with and for Society

Policy Brief No 1 October 2015

SiS.net

Open Access Policies of the European Commission: Towards open science

SUMMARY

This briefing paper aims to acquaint NCPs with the Open Access requirements of FP7 and Horizon 2020. To do so, the brief provides a concise overview of open access: definition, benefits, policies and practices, the EU framework (key European initiatives, Horizon 2020), along with useful resources for NCPs and researchers. In short, Horizon 2020 mandates open access for all peer-reviewed publications through repositories, and mandates open access to research data produced by projects in nine different areas of the new working programmes in 2016-2017 through the Open Access to Research Data Pilot programme.

What's in it for me? I am……

A researcher: Horizon 2020 requires open access and therefore there is specific information that you should know ahead of time, in order to comply. Beyond this, it is very good for your own research, as shown below.

A National Contact Point: Researchers must comply to specific requirements with regard to Open Access in Horizon 2020, and you should be able to direct them.

University administration: Learn about the benefits of open access and the current developments. In all likelihood your researchers will need to comply with Horizon 2020 requirements and you should facilitate this process.

A national funder: The European Commission recommended that Member States develop national open access policies and infrastructures for access to publicly funded research. The context provided below gives you the background.

What is Open Access?

Open access is the practice of providing online access to scientific information (articles, monographs, research data) that is free of charge to the reader, and licensed so that it can be reused and exploited by researchers, the industry, and citizens.

SiS.net is the international network of National Contact Points (NCPs) for Science with and for Society (SwafS) funded by the EU Framework PRogramme for Research and Innovation Horizon 2020 www.sisnetwork.eu. Contact: xxxxx

Science with and for Society

Policy Brief No 2 October 2016

SiS.net

Science education policies in the European Comission: towards responsible citizenship

General introduction

As the world becomes more inter-connected and competitive, and research and technological know-how expands, new opportunities as well as more complex challenges arise. Overcoming these challenges will require citizens to have a better understanding of science and technology if they are to actively participate in science-informed decision-making and help to solve the problems confronting us in the twenty first century. It will involve input from specialists and from stakeholder groups.

At the moment, Europe faces a shortfall in science-knowledgeable people at all levels of society and the economy. Over the last decade there has been an increase in the numbers of students leaving formal education with science qualifications. But, there has not been a parallel rise in the numbers interested in pursuing science related careers.

Science education research, innovation and practices must become more responsive to the needs and ambitions of European society and reflect its values. It should support citizens of all ages and talents in developing positive attitudes to science, and reflect the science that citizens need. Identified solutions must meet the highest ethical standards and help ensure sustainable societies into the future. This is a good time to expand opportunities for science learning, in formal, non-formal and informal settings. It is necessary to help all citizens acquire the necessary knowledge of and about science to participate actively and responsibly successfully throughout their lives.

Society, including learners at different educational levels, should be involved more in collaborative activities while collaboration is a key to success in today's world and the collaboration skills need to be assessed and evaluated. Social skills in broad are a target in itself in the learning process, including science learning. These skills are a prerequisite for other activities planned to improve science learning and ensure sustainability of open science.

The policy brief not only presents the rationale, challenges, objectives and guidelines for a new approach on science education, but offers the descriptions and main information of a broad range of best practice case studies not only from European projects but also international models or concepts.

1. Why Science Education?

Building capacities and developing innovative ways of connecting science to society is a priority under Horizon 2020.

Knowledge of and about science are integral to preparing our population to be actively engaged and responsible citizens, creative and innovative, able to work collaboratively, and fully aware of and conversant with the complex challenges facing society. It helps us to explain and understand our world, to guide technological development and innovation, and to forecast and plan for the future.

Science with and for Society

Policy Brief No 3 October 2017

SiS.net

EN SCIENCE POLICIES
E EUROPEAN COMMISSION:
ch agendas towards issues
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nce (CS) is a concept and term that is emerging in both the
sa of the European Commission and the research commu-
of the five strategic orientations of the new Work Programme
of "Science with and for Society" (SwafS) in Horizon 2020
reasingly seen as an integral part of both Responsible Re-
innovation (RRI) and Open Science. This policy brief aims to
PPs researches and all others stakeholders with the Citizen
cept.

universally accepted definition of Citizen Science (see Box
erm is used to describe either a **method** (allowing traditional
earch practices to reach larger scales), or a **movement** (that
e the scientific research process by for example restoring
n science, re-orienting science toward societal challenges,
g democratic governance of science), or a **social capacity**
edge-producing capacity of society and a path to evidence-
ion-making)[1]. However, it generally **involves scientific work**
by members of the general public, often in collabora-
ofessional scientists and scientific institutions.

xt of Horizon 2020 the use of the term Citizen Science is
y the policy agendas of Responsible Research and Innova-
en Science. Thus the definition of Citizen Science used in the
Work Programme 2018-2020 is a broad one incorporating
s of public engagement in science.

rief provides a short and concise overview of Citizen Science
ais and challenges, policy implications and recommenda-

Science with and for Society

Policy Brief No 4 November 2018

SiS.net

RESEARCH INTEGRITY

Summary

Research integrity can be understood as a summary of responsibilities for the research community on one hand, and as a reassurance of society's trust in the outcomes of research on the other. Research integrity is a key strategic dimension of the Horizon 2020 Programme "Science with and for Society" and is part of the Responsible Research and Innovation concept. This brief aims to provide a concise definition, explanation and context, along with useful (online) resources on research integrity.

1. What is research integrity

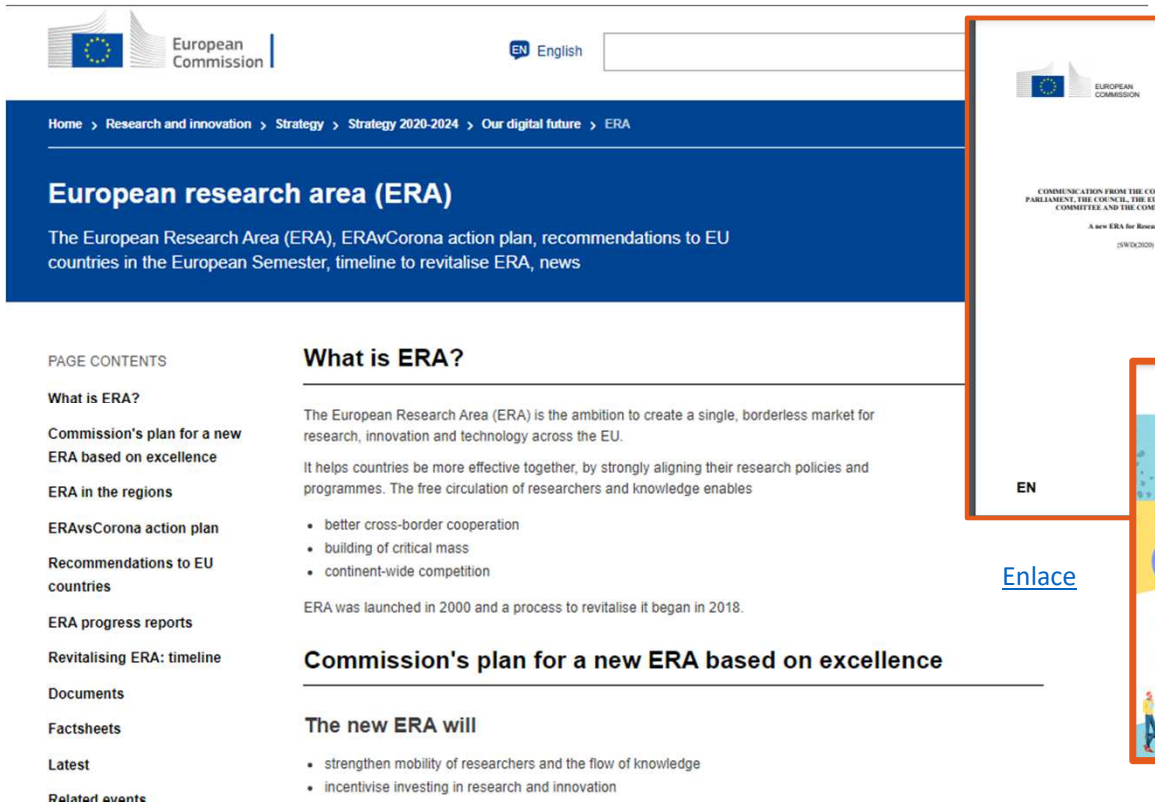
There are different terms for this area of ethics in research. In this document we are using the term research integrity, as it is already established in the terminology of competent European authorities. Other terms are used in Europe and indeed around the world, terms such as "integrity on scientific research", "responsible conduct of research", "code of ethics for science", "code of practice for research" and "good scientific practice".

Research integrity is generally understood to mean the performance of research according to the highest standards of professionalism and rigour, in an ethically robust manner.

The behaviours espoused by ethics and research integrity should ensure the accuracy and truth of the research recorded in publications and elsewhere[1]. Behaving responsibly and keeping the integrity in research implies that researchers report their work honestly, accurately, efficiently and objectively. It also requires them to use honest and verifiable methods in proposing, performing and evaluating research, to report accurate results with respect to rules, to follow commonly accepted professional norms and not allow personal bias to influence scientific findings. Indeed, the credibility of science relies on the quality and reproducibility of results[2].

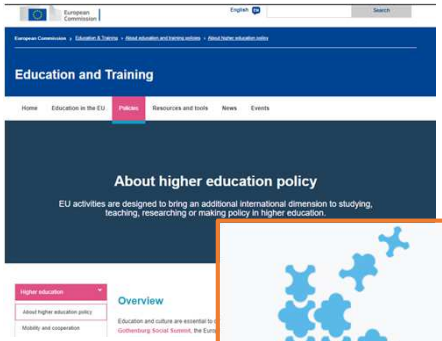
http://www.sisnetwork.eu/about/policy-briefs/

Documentación de apoyo (principales políticas)



Enlace

Enlace



Enlace

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- Introducción al Espacio Europeo de Investigación
- Servicios NCPs
- Programa de Trabajo 2021
- Topics por ámbitos estratégicos
- **Otras oportunidades más allá de ERA**
- Más información

Otras oportunidades RRI en Horizonte Europa

- Horizonte Europa se basa en las lecciones aprendidas de RRI en Horizonte 2020. Las referencias en el Reglamento y el Programa Específico muestran que la RRI se ha convertido en una **práctica del proceso de R+I** en lugar de integrarse como un tema transversal a través del programa.

Textos legales de Horizonte Europa

- ***Reg. - Recital (26):*** *...the Programme should engage and involve citizens and civil society organisations in co-designing and co-creating responsible research and innovation (RRI) agendas and contents that meet citizens' and civil society's concerns, needs and expectations...*
- ***Reg. - Programme principle (A6a.8)****: The programme shall promote co-creation and co-design through engagement of citizens and civil society*
- ***SP - Operational objectives (A2.2)****: (c) promoting responsible research and innovation, taking into account the precautionary principle; (n) Improving the relationship and interaction between science and society, including the visibility of science in society and science communication, and promoting the involvement of citizens and end-users in co-design and co-creation processes*
- *Open Science, which includes citizen and societal engagement, will be* ***operationalised*** *throughout the programme:* ***award criteria*** *for proposal evaluation,* ***key impact pathways****, and within* ***topic texts***

Otras oportunidades RRI

- Oportunidades de financiación en RRI (ciencia ciudadana, comunicación, educación científica, etc en todo el programa Horizonte Europa.

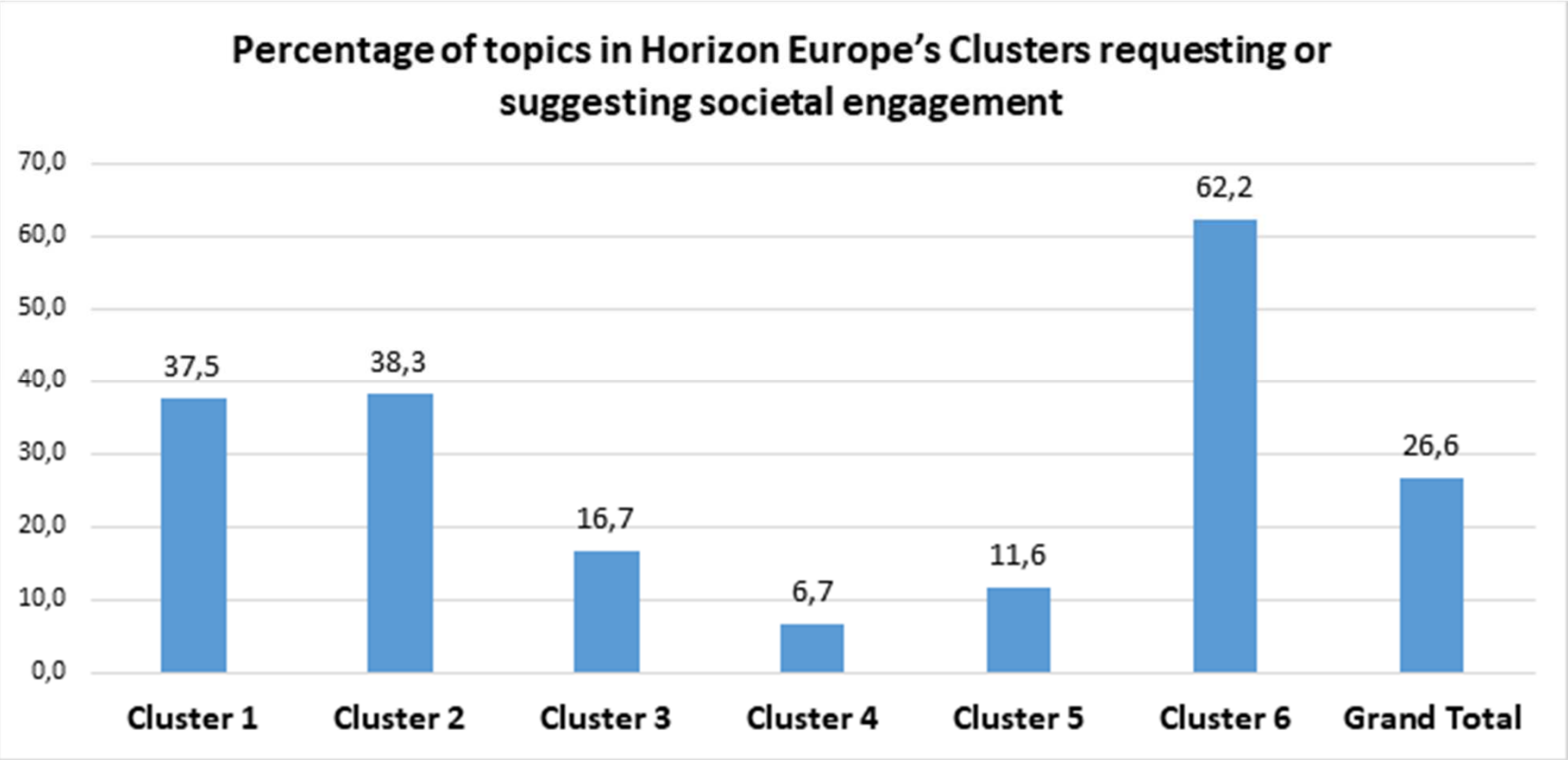
Previsión: Se actualizará para la convocatòria 2022.
Link

	Responsible Research and Innovation...	
	In the WP	of which, in topics
H2020 - WP2014-2015	10	4
H2020 - WP2016-2017	36	9
H2020 - WP2018-2020	42	22
HE - WP2021-2022 (excl. ERA)	24	11
HE - WP2021-2022 (incl. ERA)	47	17

Source: EC

Notes:
- Keyword search of WPs for the full term and abbreviation.
- No differentiation of where the keywords placed, etc.
- "RRI topics" includes competitive calls as well as Other Actions.

Participación de la Sociedad en los Programas de trabajo 2021-2022



R&I Missions

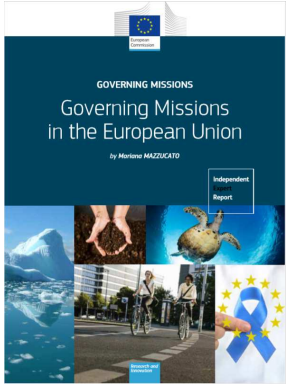
R&I Missions

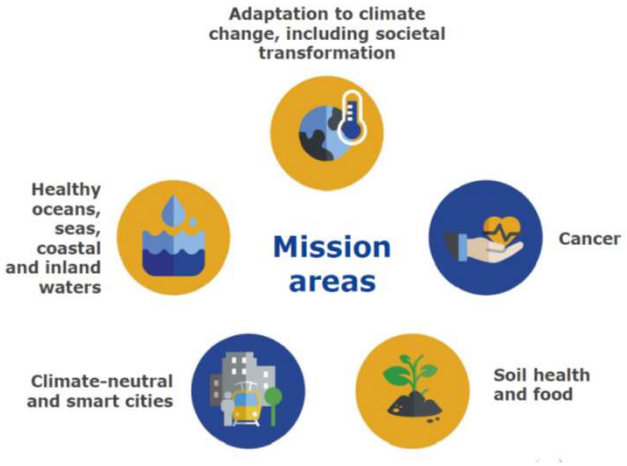
Relating EU's research and innovation better to society and citizens' needs; with strong visibility and impact

A mission is a portfolio of actions intended to achieve **a bold and inspirational as well as measurable goal** within a set timeframe, with impact for science and technology, society and citizens that goes beyond individual actions

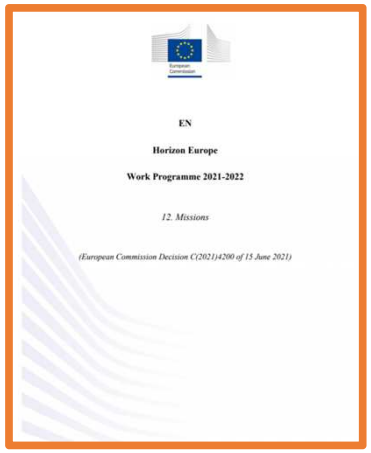
Horizon Europe proposal defines mission characteristics and elements of governance

Specific missions will be **co-designed with Member States, stakeholders and citizens** and programmed within the Global Challenges and Industrial Competitiveness pillar (drawing on inputs from other pillars)





- **Conquering Cancer: Mission Possible**
  Targets by 2030: more than 3 million more lives saved, living longer and better, achieve a thorough understanding of cancer, prevent what is preventable, optimise diagnosis and treatment, support the quality of life of all people exposed to cancer, and ensure equitable access to the above across Europe.
- **A Climate Resilient Europe - Prepare Europe for climate disruptions and accelerate the transformation to a climate resilient and just Europe by 2030**
  Targets by 2030: prepare Europe to deal with climate disruptions, accelerate the transition to a healthy and prosperous future within safe planetary boundaries and scale up solutions for resilience that will trigger transformations in society.
- **Mission Starfish 2030: Restore our Ocean and Waters**
  Targets by 2030: cleaning marine and fresh waters, restoring degraded ecosystems and habitats, decarbonising the blue economy in order to sustainably harness the essential goods and services they provide.
- **100 Climate-Neutral Cities by 2030 - by and for the citizens**
  Targets by 2030: support, promote and showcase 100 European cities in their systemic transformation towards climate neutrality by 2030 and turn these cities into innovation hubs for all cities, benefiting quality of life and sustainability in Europe.
- **Caring for Soil is Caring for Life**
  Targets by 2030: at least 75% of all soils in the EU are healthy for food, people, nature and climate. The proposed mission combines research and innovation, education and training, investments and the demonstration of good practices using "Living labs" (experiments and innovation in a laboratory on the ground) and "Lighthouses" (places to showcase good practices).



EN

Horizon Europe

Work Programme 2021-2022

12. Missions

(European Commission Decision C(2021)4200 of 15 June 2021)

Convocatoria Misiones 2021 (Preparatoria)

Publicación: 22 Junio 2021
Cierre: 14 Setiembre 2021

Ejemplo topic:

- HORIZON-MISS-2021-SOIL-01-01: Preparing the ground for healthy soils: building capacities for engagement, outreach and knowledge
- HORIZON-MISS-2021-OCEAN-01-01: Preparation for deployment of lighthouse demonstrators and solution scale ups and cross-cutting citizen and stakeholder involvement

…..

El **Nuevo Bauhaus Europeo** es una iniciativa creativa e interdisciplinaria que abre un espacio de encuentro para DISEÑAR futuras maneras de vivir y se sitúa en la encrucijada entre el arte, la cultura, la inclusión social, la ciencia y la tecnología y dar respuesta al Pacto Verde

Call 2021 Missions: 25M€

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Sesiones en línea Comisión Europea_Como preparar una propuesta Europea (reglas de participación, evaluación, etc)

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

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

Webinar session: The Funding & tenders Portal for beginners (27 May 2021). Enlace

Webinar session: Dissemination & Exploitation in Horizon Europe (9 June 2021). Enlace

Enlace
Minuto 3h25'

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

Jornada informativa a nivel europeo

Horizon Europe **Info Days** 2021
ERA & Widening

9-07-2021

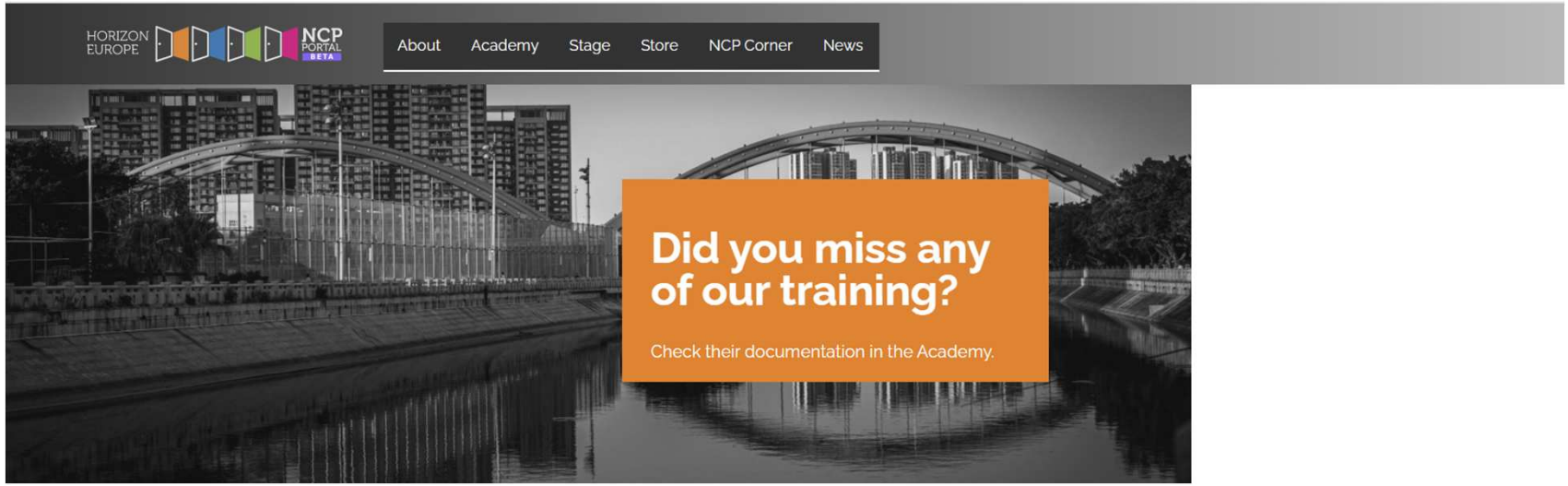
https://www.horizon-europe-infodays2021.eu/event/era-widening

HORIZONTE
EUROPA

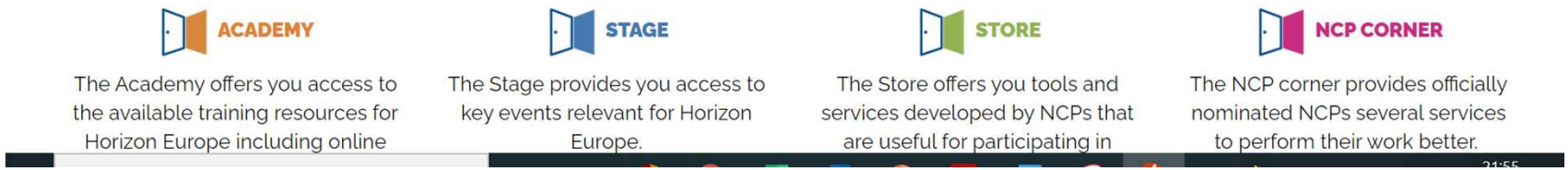
Portal Horizonte Europa_España

https://www.horizonteeuropa.es/

Horizon Europe NCP Portal



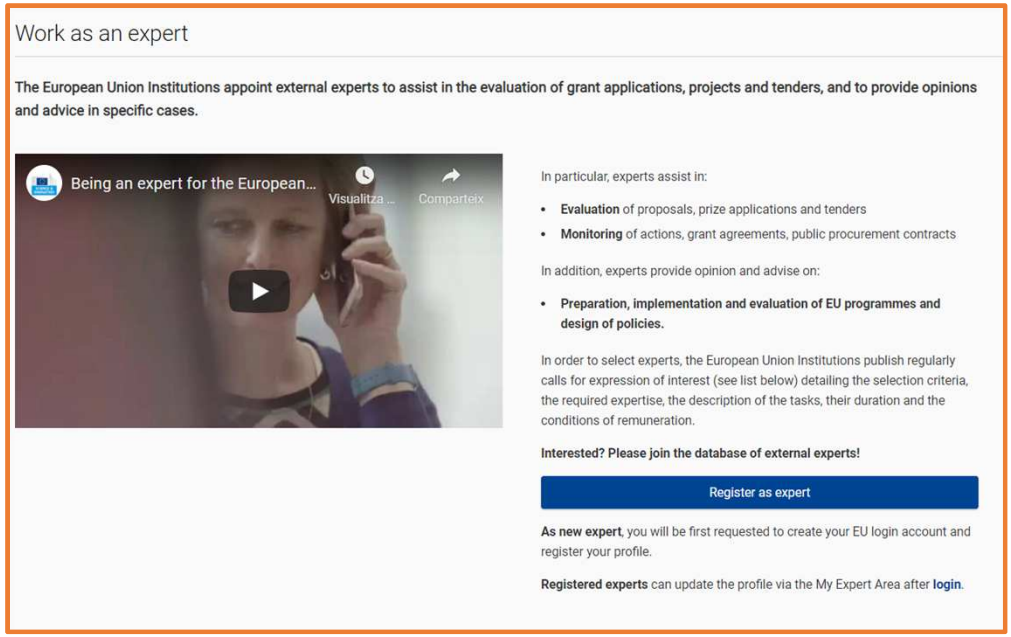
https://www.horizoneuropencpportal.eu/



Evaluadores en Horizonte Europa

Si no hay oportunidad específica en el Programa de Trabajo… presentarse como experto

- [Enlace al registro de participantes]
- Adecuar las palabras clave a las convocatorias abiertas



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...
Visualitza ...
Comparteix

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**.

Apoyo al participante

Puntos Nacionales de Contacto

Ampliar la participación y fortalecer el espacio europeo de investigación (Widening+ERA)

Noelia Romero

Widening - COST & ERA
FECYT, MCIN
Widening-ERA@fecyt.es
+34 91 425 09 09

Ana Hidalgo

Widening
CSIC
Widening-ERA@fecyt.es
+34 954232349

Aída Díaz

ERA
Agencia de Gestión de Ayudas Universitarias y de Investigación (AGAUR)
Widening-ERA@fecyt.es
+34 932 688 797

Almudena Carrero

Cross cutting Género
FECYT, MCIN
Widening-ERA@fecyt.es
+34 916 03 79 86

Widening-era@fecyt.es

Apoyo al participante