



#HorizonEU

THE EU RESEARCH & INNOVATION PROGRAMME

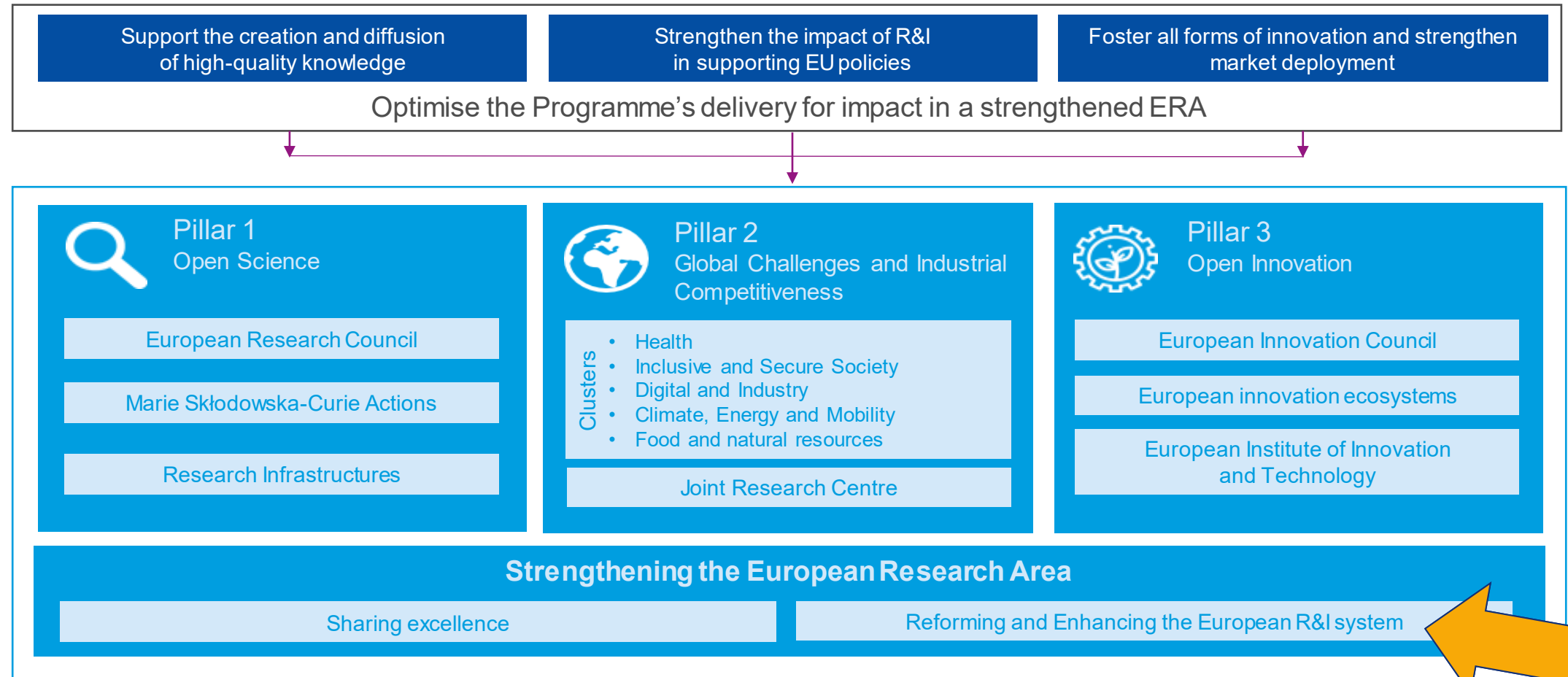
2021 – 2027

WIDERA, Destination #3
*Reforming & enhancing
the European R&I System*

Raquel FERNÁNDEZ HORCAJADA
European Commission, REA.C.4.001

Horizon Europe: evolution not revolution

Specific objectives of the Programme



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}

Bruselas, 30.9.2020
COM(2020) 628 final



Strengthening the European Research Area:

optimising strengths & potential for a more innovative Europe

Sharing Excellence

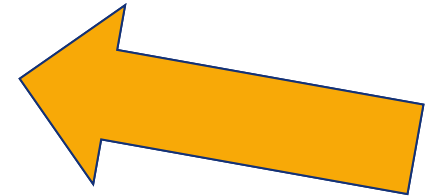
- Teaming
(institution building)
- Twinning
(institutional networking)
- ERA Chairs bringing
excellence to institutions
- COST

€ 2.96 billion

Reforming and enhancing the European R&I system

- Scientific evidence & foresight
- Open Science
- Policy Support Facility
- Attractive researcher careers
- Citizen science
- Responsible Research & Innovation;
gender equality

€ 0.44 billion



Planning 2021-22

DESTINATION 3: REFORMING AND ENHANCING THE EU RESEARCH AND INNOVATION SYSTEM

Programme	Destination	Year	Budgets (EUR million)	Budget per project (EUR million)	Estimated nr of projects to be funded	Call Open	Call deadline (Close)
European Research Area	3	2021	61.50	1 to 5	26	08-06-2021	23-09-2021
European Research Area	3	2022	60.50	0.5 to 10.5	25	19-01-2022	20-04-2022

Proposals submitted to Reforming and enhancing the European R&I system calls 2021

	Topic	Budget (EUR Million)	Expected funds to be funded	Submitted proposals
ERA-01-09	Support for policy makers	10.5	4	1
ERA-01-20	Towards a Europe-wide training and networking scheme for research managers	3	2	5
ERA-01-30	Implementation of a new macro-economic modelling concept	1	1	1
ERA-01-32	Standardisation Booster for fostering exploitation of FP-funded research results	2	1	2
ERA-01-33	R&I intensive IP management: Scenarios for the future	1	1	1
ERA-01-40	Modelling and quantifying the impacts of open science practice Specific	2	1	1
ERA-01-41	Global cooperation on FAIR data policy and practice	2	2	1
ERA-01-43	Capacity-building for institutional open access publishing across Europe	3	1	1
ERA-01-44	Societal trust in science, research and innovation	2	1	8
ERA-01-45	Assessment of research and researchers to reward the practice of open science	2	1	4
ERA-01-50	Higher Education & research organisations against conventional and non-conventional threats	2	2	0
ERA-01-60	A capacity-building and brokering network to make citizen science	4	1	2
ERA-01-61	Supporting and giving recognition to citizen science	5	1	4
ERA-01-70	Developing a STE(A)M roadmap for Science Education in Horizon Europe	5	3	4
ERA-01-80	Centre of excellence on inclusive gender equality in R&I	5	1	4
ERA-01-81	ERA gender equality and inclusiveness objectives within Member States	3	1	1
ERA-01-90	Research ethics and integrity in response to crisis	4.5	1	3
ERA-01-91	Research Ethics expertise in the context of new/emerging technologies	4.5	1	1
		61.5	26	44



Our goal: deliver excellent, impactful and well-functioning R&I systems

Supporting the transitions and the recovery through R&I



Accelerate the twin transition

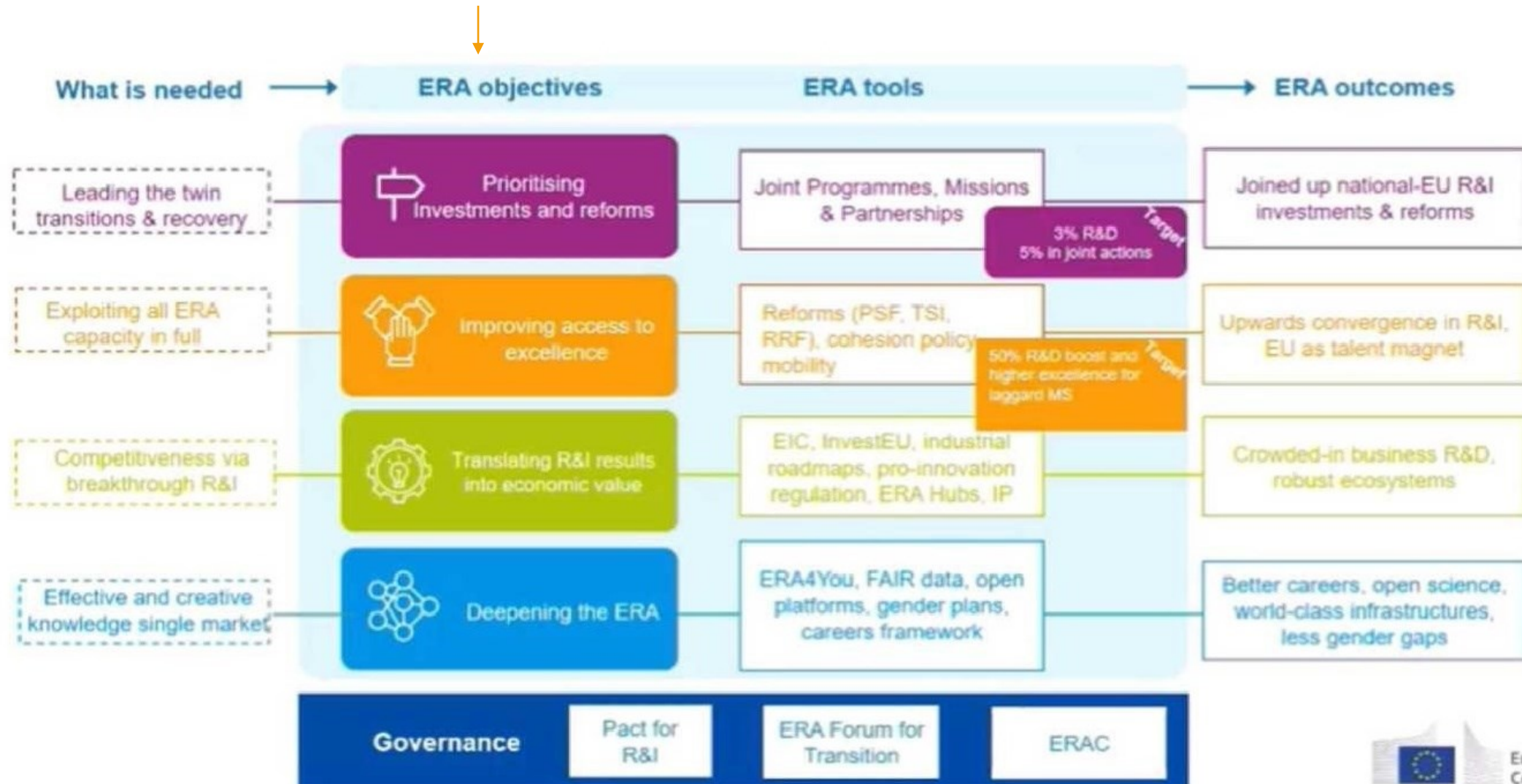


Strengthen resilience and crises preparedness



Support Europe's competitive edge

A stronger ERA



Reforming and enhancing the EU R&I system through ERA

2. Improve access to excellence

- Networking & training for research managers
- Support for Western Balkans

1. Prioritise investments & reforms

- Support to policy makers
- Policy support facility

3. Translate R&I results into economic value (*boost market uptake*)

- Standardisation booster
- European Innovation Scoreboard
- Innoside Bridging, IP scenarios
- ERA hubs, future resilience

4. Deepen the ERA

- Open Science
- Empowering universities
- Strengthening R&I talents
- Citizen Science
- Science education
- Gender
- Ethics and integrity



Calls 2022 (I)

Objective 1 PRIORITIZING INVESTMENT AND REFORM

[HORIZON-WIDERA-2022-ERA-01-10](#): Support for policy makers – Programme level collaboration between national R&I programmes

Objective 3 TRANSLATING R&I RESULTS INTO THE ECONOMY

[HORIZON-WIDERA-2022-ERA-01-30](#): Testing of the ERA Hub concept – pilot phase

[HORIZON-WIDERA-2022-ERA-01-31](#): Innowwide Bridging Facility

[HORIZON-WIDERA-2022-ERA-01-32](#): An experimentation space for the uptake and use of R&I results for EU resilience and future preparedness

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Open Science (I)

[HORIZON-WIDERA-2022-ERA-01-40](#): Stepping-up institutional and territorial changes towards open and responsible research and innovation

[HORIZON-WIDERA-2022-ERA-01-41](#): Increasing the reproducibility of scientific results

Calls 2022 (II)

Objective 3 DEEPENING THE EUROPEAN RESEARCH AREA

Open Science (II)

[HORIZON-WIDERA-2022-ERA-01-42](#): Supporting the development of aligned policies for open access books and monographs

[HORIZON-WIDERA-2022-ERA-01-44](#): Developing and piloting training on the practice of open and responsible research and innovation

Strengthening R&I talents

[HORIZON-WIDERA-2022-ERA-01-50](#): Developing an effective ERA talent pipeline

Empowering universities

[HORIZON-WIDERA-2022-ERA-01-51](#): Acceleration Services in support of the institutional transformation of Higher Education Institutions

ERA Calls 2022 (III)

Objective 3 DEEPENING THE EUROPEAN RESEARCH AREA

Citizen Science

[HORIZON-WIDERA-2022-ERA-01-60](#): A European competence centre for science communication

[HORIZON-WIDERA-2022-ERA-01-70](#): Open schooling for science education and a learning continuum for all

Gender Equality


[HORIZON-WIDERA-2022-ERA-01-80](#): Living Lab for gender-responsive innovation

[HORIZON-WIDERA-2022-ERA-01-81](#): Support to the implementation of inclusive gender equality plans

Ethics and Integrity

[HORIZON-WIDERA-2022-ERA-01-91](#): The empirical and behavioral approach to research ethics and integrity

Calls info package - Funding & Tender Portal (I)



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

English

RegisterLogin

SEARCH FUNDING & TENDERSHOW TO PARTICIPATEPROJECTS & RESULTSWORK AS AN EXPERTSUPPORT

Testing of the ERA Hub concept – pilot phase

TOPIC ID: HORIZON-WIDERA-2022-ERA-01-30

Grant

General information

Topic description

Destination

Conditions and documents

Partner search

Submission service

Topic related FAQ

Get support

Go back to search results

General information

Programme

Horizon Europe Framework Programme (HORIZON)

Call

European Research Area (HORIZON-WIDERA-2022-ERA-01)

See budget overview

Type of action

HORIZON-CSA HORIZON Coordination and Support Actions

Type of MGA

HORIZON Action Grant Budget-Based [HORIZON-AG]

Forthcoming

Deadline model

single-stage

Planned opening date

19 January 2022

Deadline date

20 April 2022 17:00:00 Brussels time

Topic description

ExpectedOutcome:

Projects are expected to contribute to the following outcomes:

- Test the new ERA Hubs^[1] concept across different geographies and structures in Europe, based on common compliance criteria; the process should act as an incentive for advanced ecosystems to seek recognition, and for less advanced ecosystems to reach the criteria facilitating support from European, national and regional level.
- Better coordinate relationships between the European Research Area and relevant national or regional stakeholders in order to ensure the smart directionality introduced in the new ERA.
- Develop a common platform for collaboration and best practice sharing across borders, sectors and disciplines on knowledge production, circulation and use, and facilitate cross-fertilisation and smart directionality among ecosystem actors to

Calls info package - Funding & Tender Portal (II)

General information

Topic description

Destination


Conditions and documents

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Topic related FAQ

Get support

 [Go back to search results](#)

Destination

Reforming and enhancing the EU research and innovation system

Introduction

Horizon Europe has a new level of ambition – to maximise the impact of EU research and innovation funding for European science, economy and the wider society. It marks a paradigm change in the design of the EU R&I Framework Programmes (FP) from an activity-driven to an impact-driven programme. Coupled to this ambition is the relaunching of the European Research Area (ERA) as described in the recently published Commission Communication entitled A new ERA for Research and Innovation (COM/2020/628 final of 30.09.2020).

The COVID-19 pandemic demonstrates the importance of R&I cooperation to deliver solutions to society's most demanding needs. Delivering Europe's recovery is a priority as are the green and digital twin transitions. To match these challenges, a new level of ambition that links better R&I with the economy, as well as with education and training, is necessary to put the EU's scientific knowledge to work.

[show more...](#)

Topic conditions and documents

General conditions

1. Admissibility conditions: described in *Annex A* and *Annex E* of the Horizon Europe Work Programme General Annexes

Proposal page limits and layout: described in Part B of the Application Form available in the Submission System

2. Eligible countries: described in *Annex B* of the Work Programme General Annexes

[show more...](#)

Partner search

45

Organisations are looking for collaborating partners for this topic

[View / Edit](#)

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal.

Start submission

The submission system is planned to be opened on the date stated on the topic header.


Activar Windows
Ve a Configuración para activar Windows.

Calls info package - Funding & Tender Portal (III)

← → ↻ ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-widera-2022-era-01-30

General information

- Topic description
- Destination
- Conditions and documents
- Partner search
- Submission service
- Topic related FAQ
- Get support

 Go back to search results

Partner search

Organisations are looking for collaborating partners for this topic

45 [View / Edit](#)

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal.

Start submission

The submission system is planned to be opened on the date stated on the topic header.

Topic related FAQ

There are no FAQ related to this topic.

Get support

Please read carefully all provisions below before the preparation of your application.

Online Manual is your guide on the procedures from proposal submission to managing your grant.

Horizon Europe Programme Guide contains the detailed guidance to the structure, budget and political priorities of Horizon Europe.

Funding & Tenders Portal FAQ – find the answers to most frequently asked questions on submission of proposals, evaluation and grant management.

Research Enquiry Service – ask questions about any aspect of European research in general and the EU Research Framework Programmes in particular.

Enterprise Europe Network – contact your EEN national contact for advice to businesses with special focus on SMEs. The support includes guidance on the EU research funding.

IT Helpdesk – contact the Funding & Tenders Portal IT helpdesk for questions such as forgotten passwords, access rights and roles, technical aspects of submission of proposals, etc.

European IPR Helpdesk assists you on intellectual property issues.

CEN-CENELEC Research Helpdesk and ETSI Research Helpdesk – the European Standards Organisations advise you how to tackle standardisation in your project proposal.

The European Charter for Researchers and the Code of Conduct for their recruitment – consult the general principles and requirements specifying the roles, responsibilities and entitlements of researchers, employers and funders of researchers.

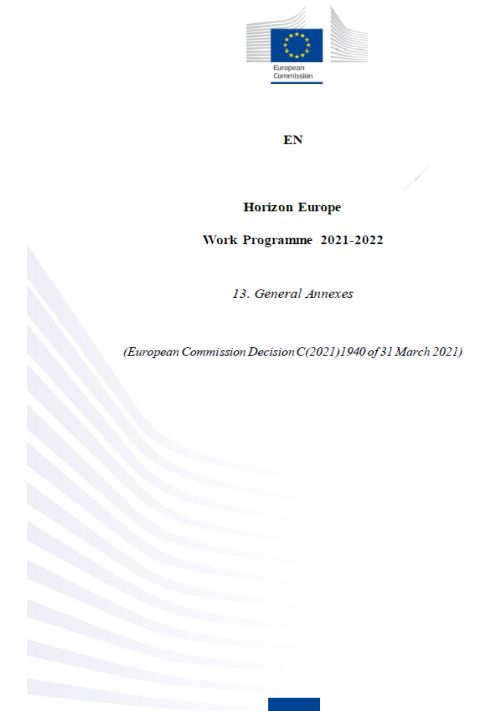
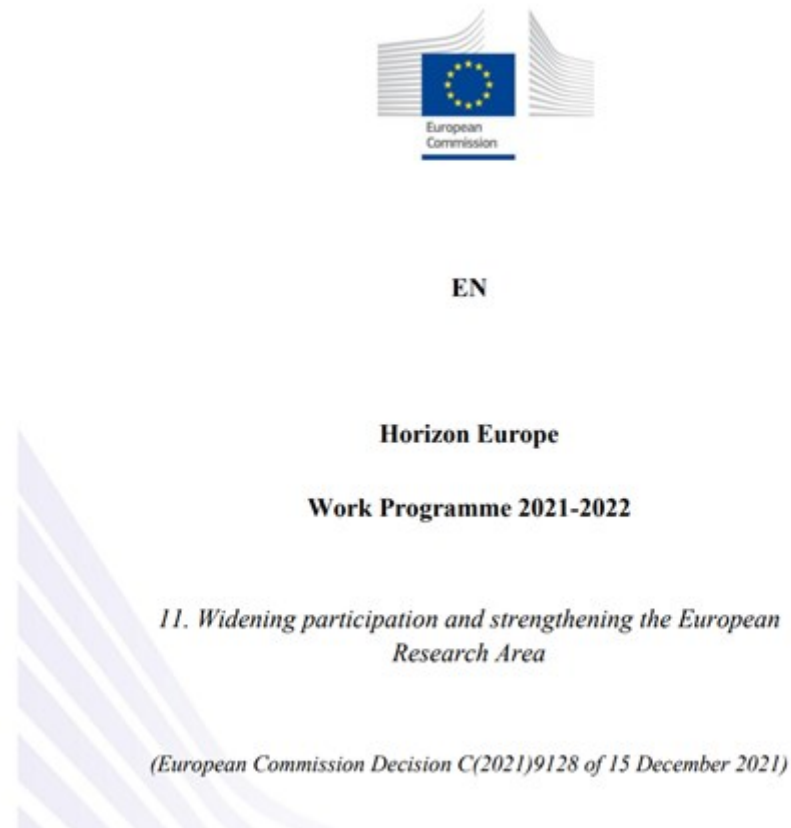
Partner Search Services help you find a partner organisation for your proposal.

Key documents to prepare proposals

Central full and detailed Info day

ERA & Widening Info day 9th July 2021

<https://horizoneurope.ie/event/horizon-europe-era-widening-info-day-2021>



Some sources of Information

Objective 1 PRIORITIZING INVESTMENT AND REFORM

The screenshot shows the 'Publications Office of the European Union' website. The header includes the EU flag logo, a search bar, and navigation links like 'Law', 'European data', 'Public procurement', 'EU Publications', 'Research & Innovation', and 'EU Whoiswho'. The main content area is titled 'Publication detail' and shows the title 'R&D investment targets and reforms'. Below the title is a brief description: 'In its Communication "A new ERA for Research and Innovation", the Commission proposed four, either new or renewed, R&D investment targets in order to prioritize investments and reforms in research and innovation towards the green and digital transitions, support Europe's recovery and increase its competitiveness. This policy brief provides: (i) an initial analysis on the EU and Member States' performance in relation to the targets; (ii) initial background to nurture the debate on how Member States (and Associated Countries) could join up their R&I investments and possibly develop ambitious joint funding actions in strategic areas of common interest (i.e. give more "directionality" to R&I investments).' There are buttons for 'Add to my publications', 'Create alert', 'Permanent link', 'Metadata RDF', and 'Embed in website'. A 'Rate this publication' section shows five stars. Below the description is a 'View less' link. At the bottom of the main content area are buttons for 'How to cite' and 'Download and languages'. On the right side, there is a 'YOU MAY ALSO LIKE' section with two recommendations: 'Research, innovation and economic growth R&D policy reforms and strategies' and 'Aiming for more R&D investment scenarios for the next decade'.

op.europa.eu/en/publication-detail/-/publication/4adfd6f8-b2cf-11eb-8aca-01aa75ed71a1

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Publications Office of the European Union

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English (en) 0 Sign in

Law European data Public procurement EU Publications Research & Innovation EU Whoiswho

Publication detail Share Help

Publication detail > R&D investment targets and reforms

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★★★★★ Rate this publication

R&D investment targets and reforms

In its Communication "A new ERA for Research and Innovation", the Commission proposed four, either new or renewed, R&D investment targets in order to prioritize investments and reforms in research and innovation towards the green and digital transitions, support Europe's recovery and increase its competitiveness. This policy brief provides: (i) an initial analysis on the EU and Member States' performance in relation to the targets; (ii) initial background to nurture the debate on how Member States (and Associated Countries) could join up their R&I investments and possibly develop ambitious joint funding actions in strategic areas of common interest (i.e. give more "directionality" to R&I investments).

EU publications

View less

How to cite

Download and languages

YOU MAY ALSO LIKE

Research, innovation and economic growth R&D policy reforms and strategies

The Directorate General for Research and Innovation of the European Commission commissioned Deloitte and RAND Europe to ...

Published: 2017-12-19

Aiming for more R&D investment scenarios for the next decade

This paper analyses four possible scenarios for R&D expenditures over the next decade and quantifies efforts from nation

Some sources of Information

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Open Science https://ec.europa.eu/info/research-and-innovation/strategy/strategy-2020-2024/our-digital-future/open-science_en

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.

Evolution of open science policy across FPs



Some sources of Information

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Citizen Science

The screenshot shows a web browser displaying the JRC Science Hub Communities website. The URL in the address bar is ec.europa.eu/jrc/communities/en/community/citizensdata. The page features a blue header with the European Commission logo and the text "JRC SCIENCE HUB COMMUNITIES" and "The European Commission's science and knowledge service". A navigation menu includes links for "About Us", "Research", "Knowledge", "Working With Us", "Procurement", "News & Events", and "Our Communities". The main content area is titled "Examining the use and practices of Citizen Science for EU policies" and includes a sidebar with a "#CitizenSData" section containing links to Home, About, Activity Reports, Events, Blog, and Community resources. The main text area welcomes visitors to the community page on Citizen Science, explaining its purpose and providing a "Request group membership" button. The footer includes a "Request group membership" button and a "5-8-2 reads" indicator.

← → ↻ ec.europa.eu/jrc/communities/en/community/citizensdata

An official website of the European Union How do you know? ▾ English (en)

Search

JRC SCIENCE HUB COMMUNITIES
The European Commission's science and knowledge service

European Commission > JRC Science Hub > Communities > Examining the use and practices of Citizen Science for EU policies

About Us Research Knowledge Working With Us Procurement News & Events Our Communities

Examining the use and practices of
Citizen Science for EU policies

Login Into ECAS
Request group membership

#CitizenSData

- Home
- About
- Activity Reports
- Events
- Blog
- Community resources
- Useful links

CitizenSData tweets

No tweets on this subject in the last 7 days.

#CitizenSData
Examining the use and practices of Citizen Science for EU policies

WELCOME to the community page on Citizen Science

This is a space to examine the use and practices of Citizen Science for EU policies. This work includes the identification and development of methodologies and tools that interconnect Citizen Science with selected policy areas, and demonstrates their use and usefulness in the different phases of the policy cycle. We reflect upon the implications of using Citizen Science in support to established decision-making processes and information flows, especially considering the opportunities and challenges of digital transformations in order to facilitate the spreading of Citizen Science-based approaches across the EU.

You are welcome to join in and contribute!

These pages will be gradually extended. Future versions will accommodate feedback and respond to newly arising priorities that are related to the ongoing digital transformation affecting our society, and the challenges and opportunities brought about by artificial intelligence.

Request group membership

5-8-2 reads

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Some sources of Information


Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA


Science education

op.europa.eu/en/publication-detail/-/publication/a1d14fa0-8dbe-11e5-b8b7-01aa75ed71a1

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Publication detail

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Publication detail > Science education for responsible citizenship

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★★★★★ Rate this publication

Science education for responsible citizenship

Report to the European Commission of the expert group on science education

As the world becomes more inter-connected and competitive and as research and technological know-how expands, new opportunities along with more complex societal challenges arise. Overcoming these challenges will require all citizens having a better understanding of science and technology. This expert report identifies the main issues involved in helping all citizens acquire the

View more

EU publications

How to cite

Download and languages

YOU MAY ALSO LIKE

Indicators for promoting and monitoring responsible research and innovation
Report from the Expert Group on policy indicators for responsible research and innovation

This report of the Expert Group on Policy Indicators for Responsible Research and Innovation, considers options for RRI ...

Published: 2015-06-18

Activar Windows

Realising the European open science cloud
First report and recommendations of the Commission high level expert group on the

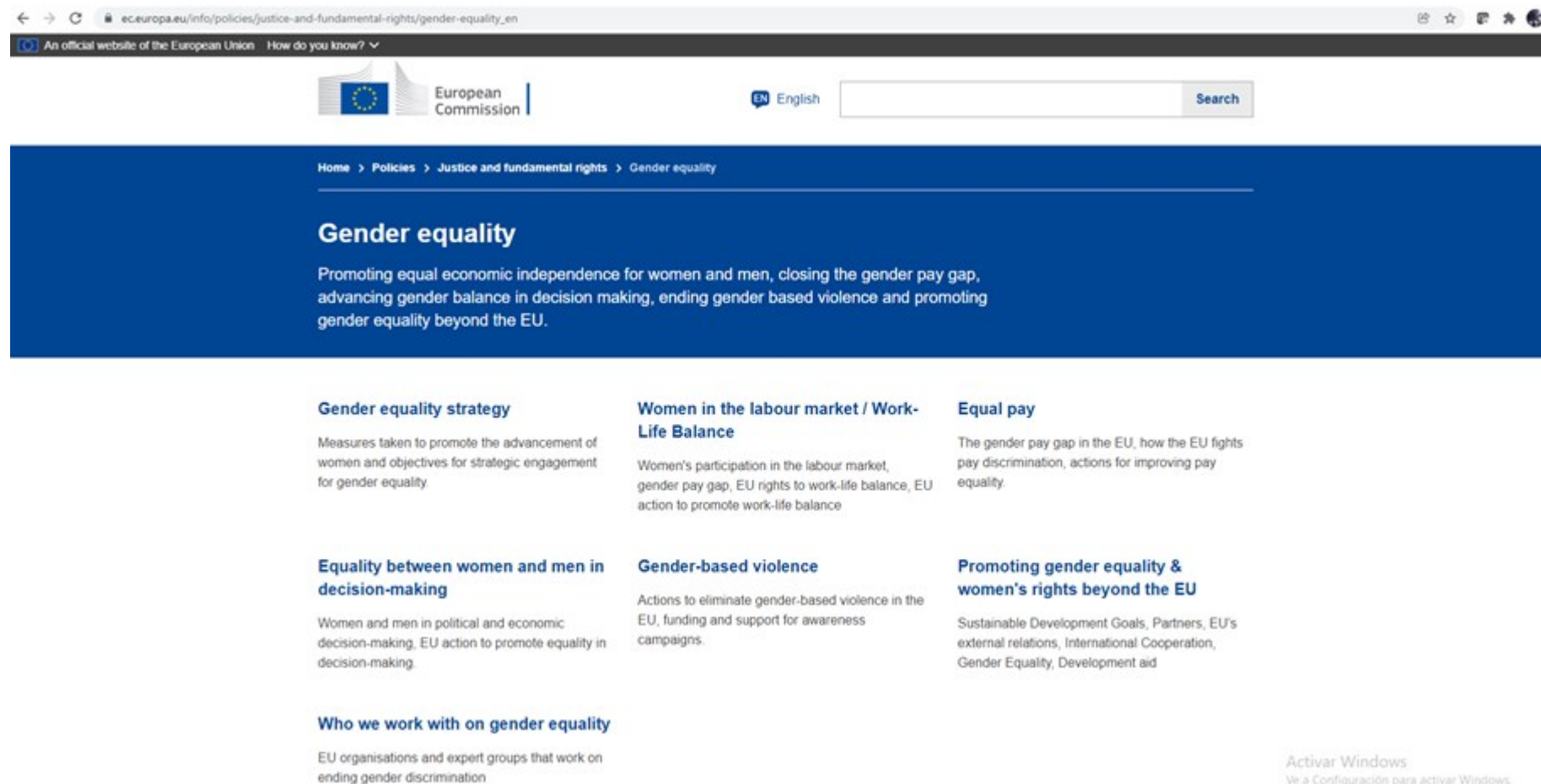
Publication details

https://op.europa.eu/en/publication-detail/-/publication/a1d14fa0-8dbe-11e5-b8b7-01aa75ed71a1#_publicationDetails_PublicationDetailsPortlet_pa

Some sources of Information

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Gender Equality https://ec.europa.eu/info/policies/justice-and-fundamental-rights/gender-equality/gender-equality-strategy_en



The screenshot shows the official website of the European Commission for Gender Equality. The browser address bar displays the URL: ec.europa.eu/info/policies/justice-and-fundamental-rights/gender-equality_en. The page header includes the European Commission logo, a language selector set to 'EN English', and a search bar. The main content area has a blue header with the text 'Home > Policies > Justice and fundamental rights > Gender equality'. Below this, the title 'Gender equality' is followed by a description: 'Promoting equal economic independence for women and men, closing the gender pay gap, advancing gender balance in decision making, ending gender based violence and promoting gender equality beyond the EU.' The page is organized into a grid of six topics, each with a title and a brief description:

- Gender equality strategy**: Measures taken to promote the advancement of women and objectives for strategic engagement for gender equality.
- Women in the labour market / Work-Life Balance**: Women's participation in the labour market, gender pay gap, EU rights to work-life balance, EU action to promote work-life balance.
- Equal pay**: The gender pay gap in the EU, how the EU fights pay discrimination, actions for improving pay equality.
- Equality between women and men in decision-making**: Women and men in political and economic decision-making, EU action to promote equality in decision-making.
- Gender-based violence**: Actions to eliminate gender-based violence in the EU, funding and support for awareness campaigns.
- Promoting gender equality & women's rights beyond the EU**: Sustainable Development Goals, Partners, EU's external relations, International Cooperation, Gender Equality, Development aid.

At the bottom left, there is a section titled 'Who we work with on gender equality' with the text: 'EU organisations and expert groups that work on ending gender discrimination'. At the bottom right, there is a Windows watermark that says 'Activar Windows' and 'Ve a Configuración para activar Windows.'

Some sources of Information

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Ethics

op.europa.eu/en/publication-detail/-/publication/f28d7304-cbca-11ea-adf7-01aa75ed71a1/language-en

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Advanced search Browse by subject Expert Search

Law European data Public procurement EU Publications Research & Innovation EU Whoiswho

Publication detail

Share Help

Publication detail > Research ethics and research integrity

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★★★★★ Rate this publication

Research ethics and research integrity

Achievements in Horizon 2020 and recommendations on the way forward

Inclusiveness on all levels underpins SwafS. We need science education for all, gender equality in our organisations, ethics and integrity embedded in research, communication we can trust, open science and ultimately place citizens at the core to ensure excellent Research and Innovation to tackle the challenges of today for a better future. Europe can only thrive by matching the immense

View more

EU publications

How to cite

Download and languages

Publication details Related publications (8)

YOU MAY ALSO LIKE

Science communication

Achievements in Horizon 2020 and recommendations on the way forward

Inclusiveness on all levels underpins SwafS. We need science education for all, gender equality in our organisations, et...

Published: 2020-07-21

Citizen science and citizen engagement

Achievements in Horizon 2020 and recommendations on the way forward

Inclusiveness on all levels underpins SwafS. We need

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Strengthening the European Research Area: optimising strengths & potential for a more innovative Europe

Points to consider for Horizon Europe calls 2021-2022

- Breadth and diversity of topics extended
- Many more topics with limited funding (many cases only 1 project to be funded per topic)

Some novelties :

- Open science: impact of inclusion in proposal template & evaluation criteria
- Gender equality plan as an eligibility criterion
- Lump sum might be for some topic/s



Thank you!

HorizonEU

<http://ec.europa.eu/horizon-europe>



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