#HorizonEU

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

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

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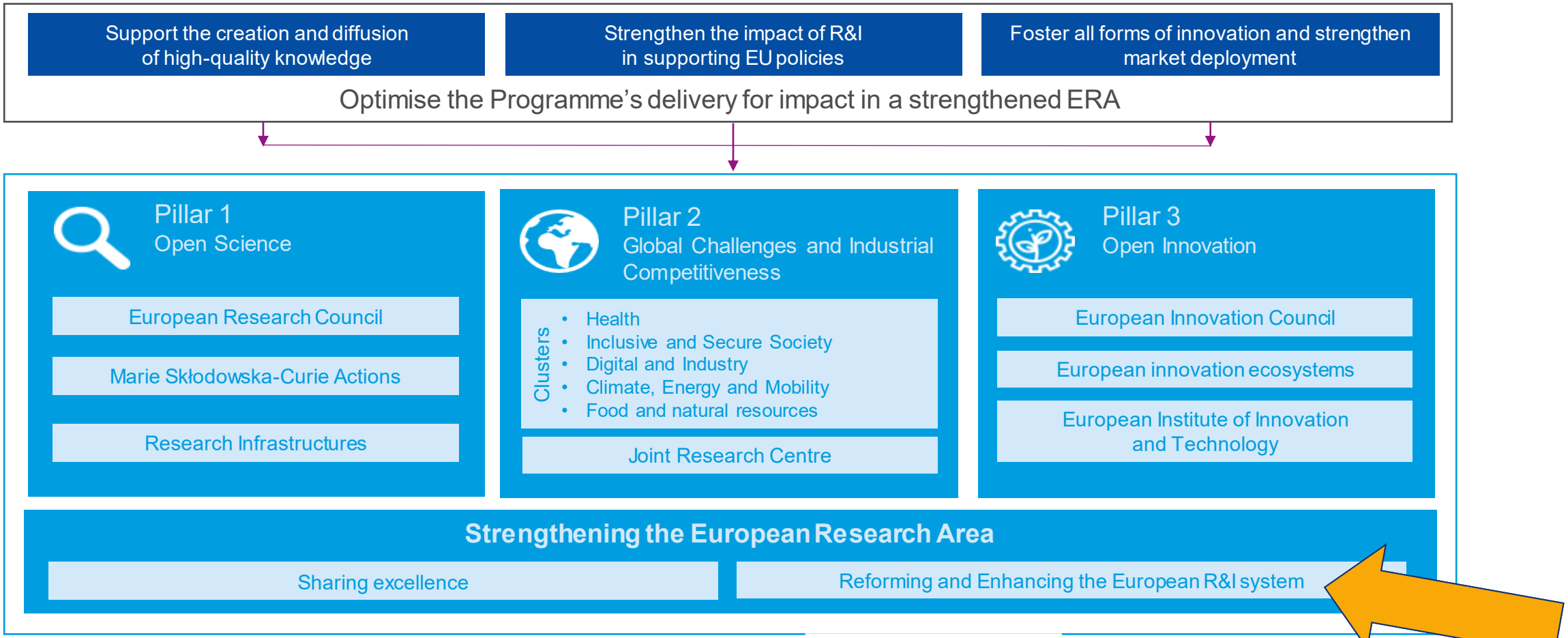
European Commission, REA.C.4.001

Spanish Info Day 19/01/2022

Research and Innovation

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

European Commission

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

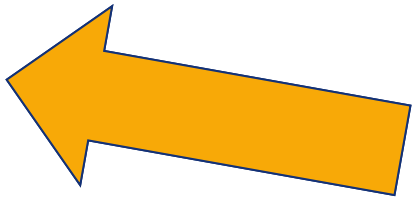
Strengthening the European Research Area:
optimising strengths & potential for a more innovative Europe

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

European Commission

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

European Commission

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

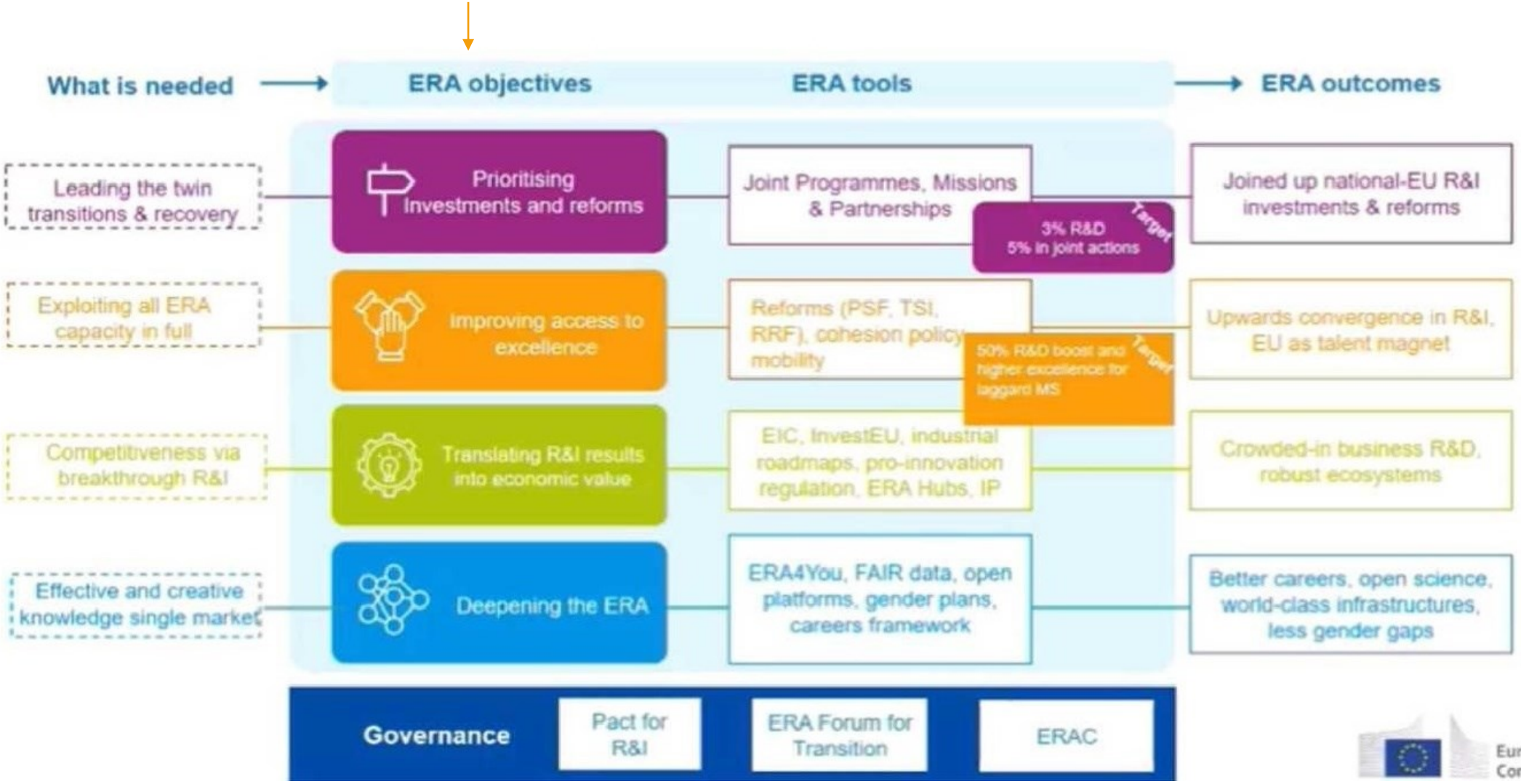
Accelerate the twin transition

Strengthen resilience and crises preparedness

Support Europe's competitive edge

European Commission

A stronger ERA



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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
- Innowide 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

European Commission

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

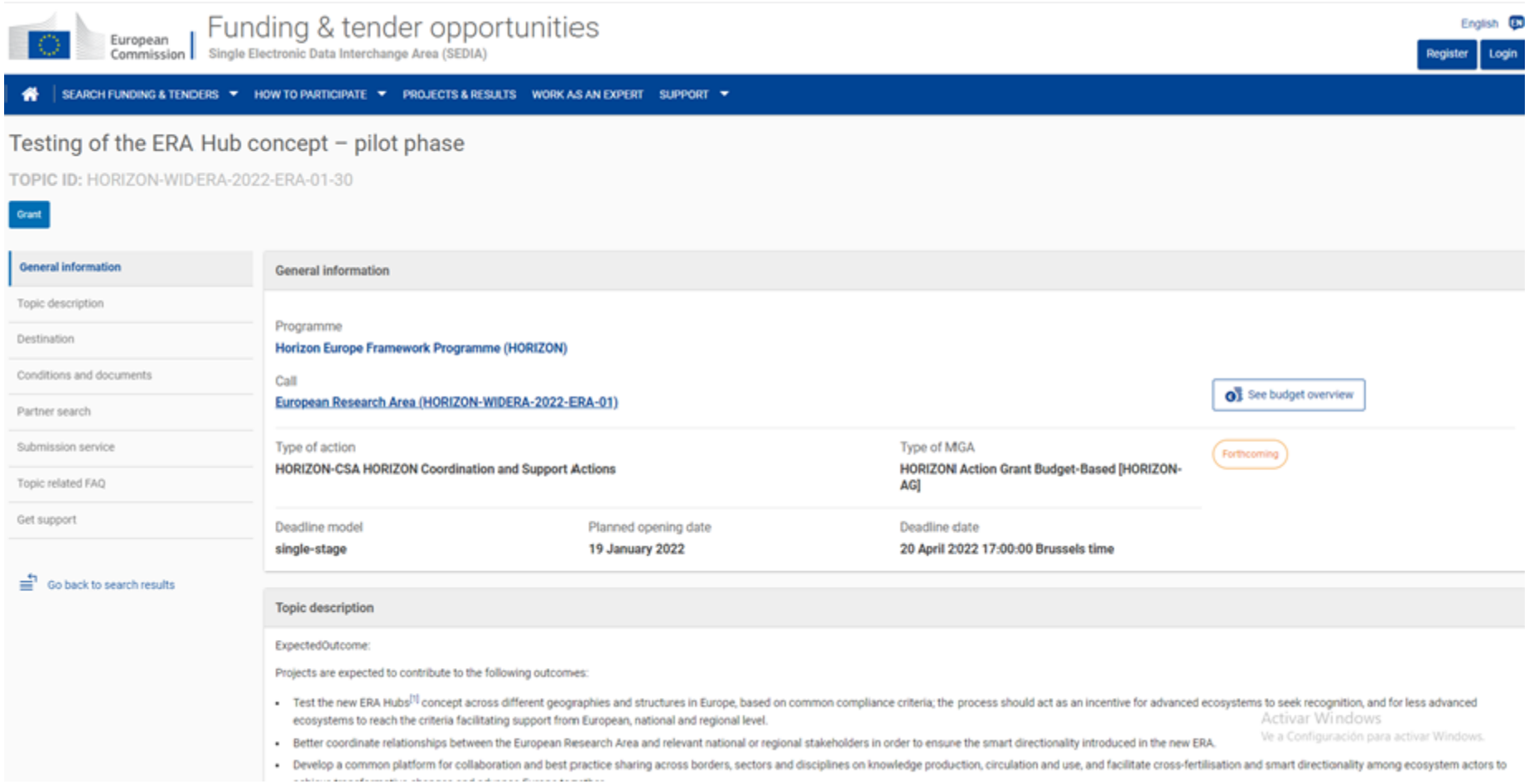
HORIZON-WIDERA-2022-ERA-01-80: Living Lab for gender-responsive innovation

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)



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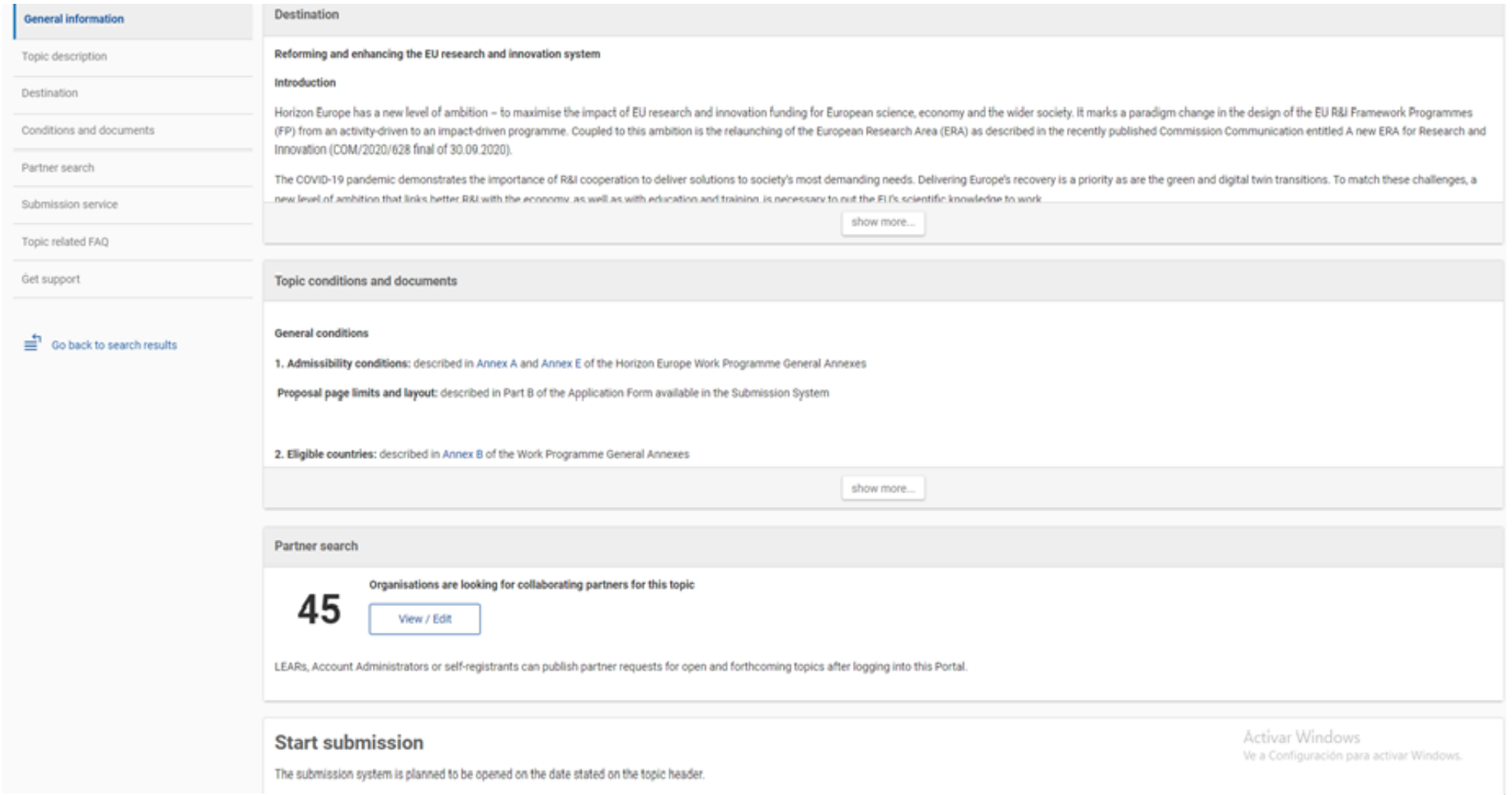
Calls info package - Funding & Tender Portal (II)



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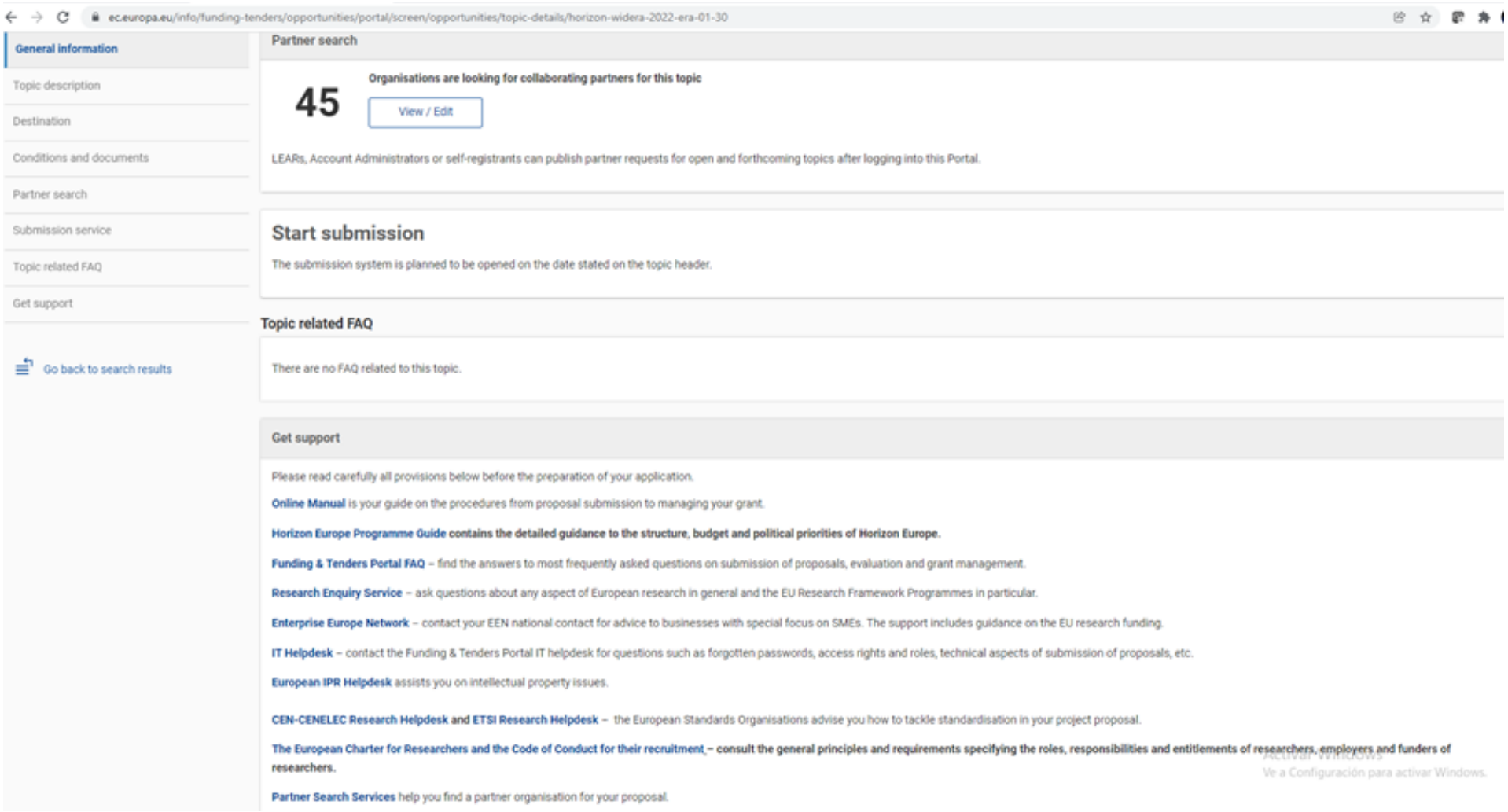


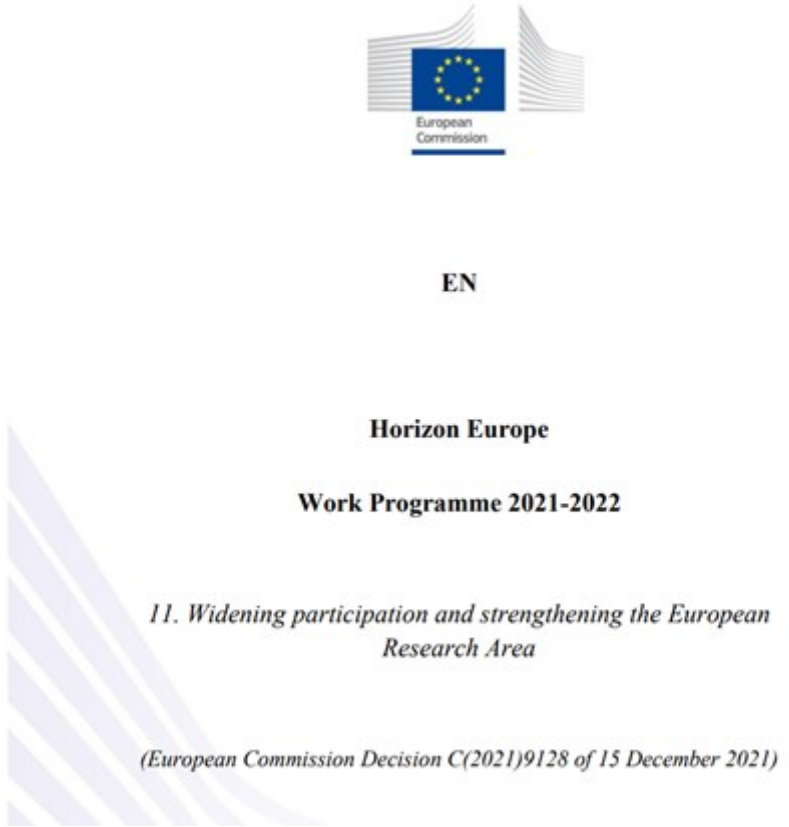
European Commission

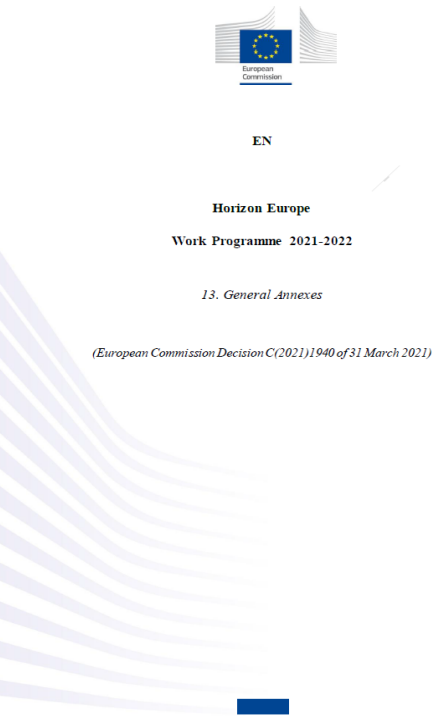
Key documents to prepare proposals

Central full and detailed Info day

ERA & Widening Info day 9th July 2021

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





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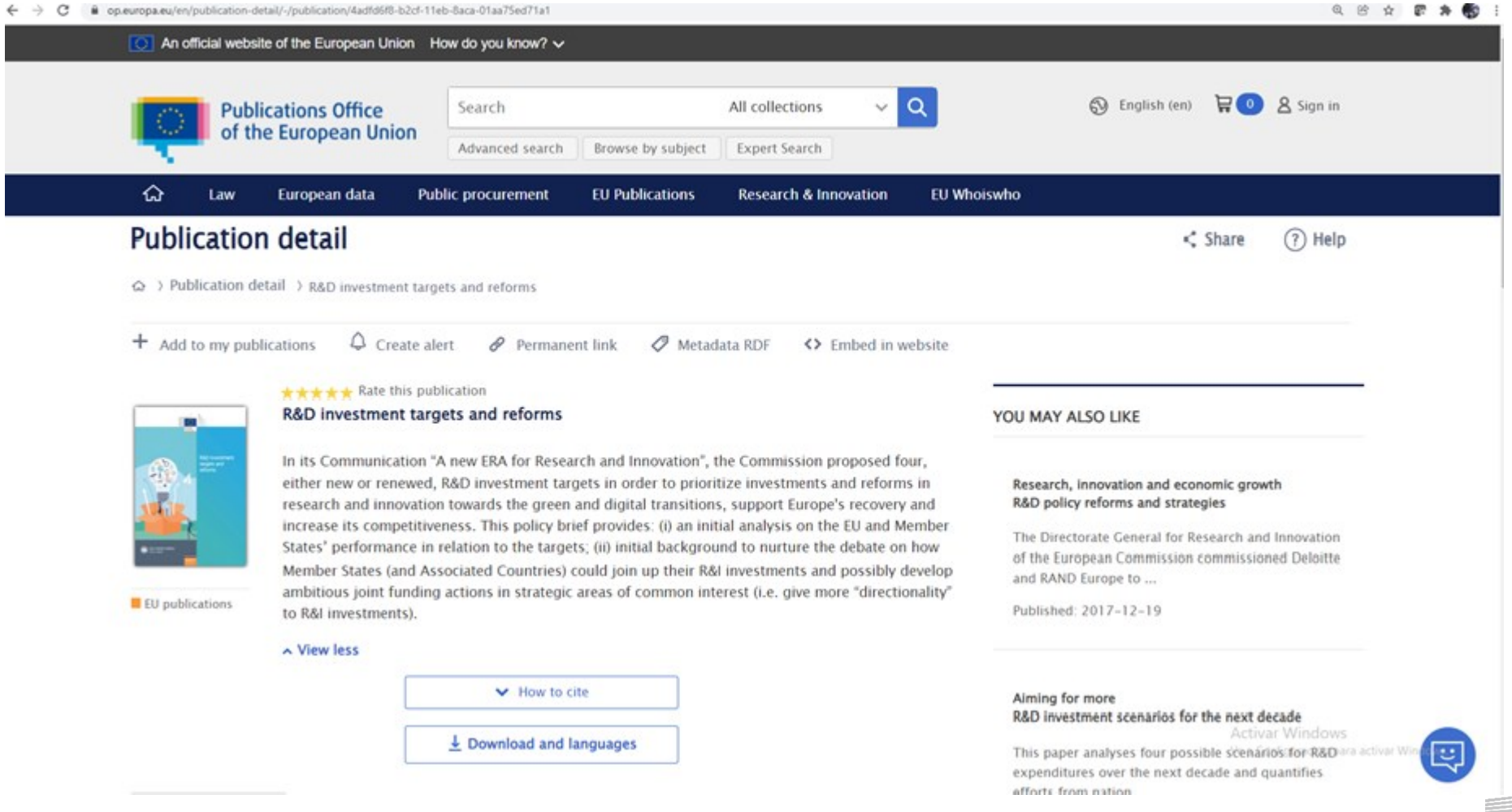
Some sources of Information

Objective 1 PRIORITIZING INVESTMENT AND REFORM



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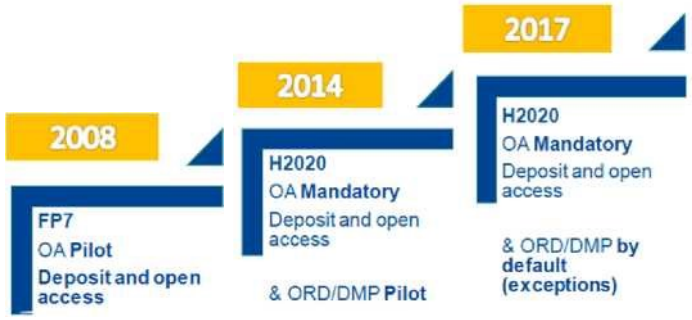
Some sources of Information

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



2021

Planned under Horizon Europe

Open Science (OA, RDM, citizens engagement etc.) embedded throughout HE

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Some sources of Information

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Citizen Science

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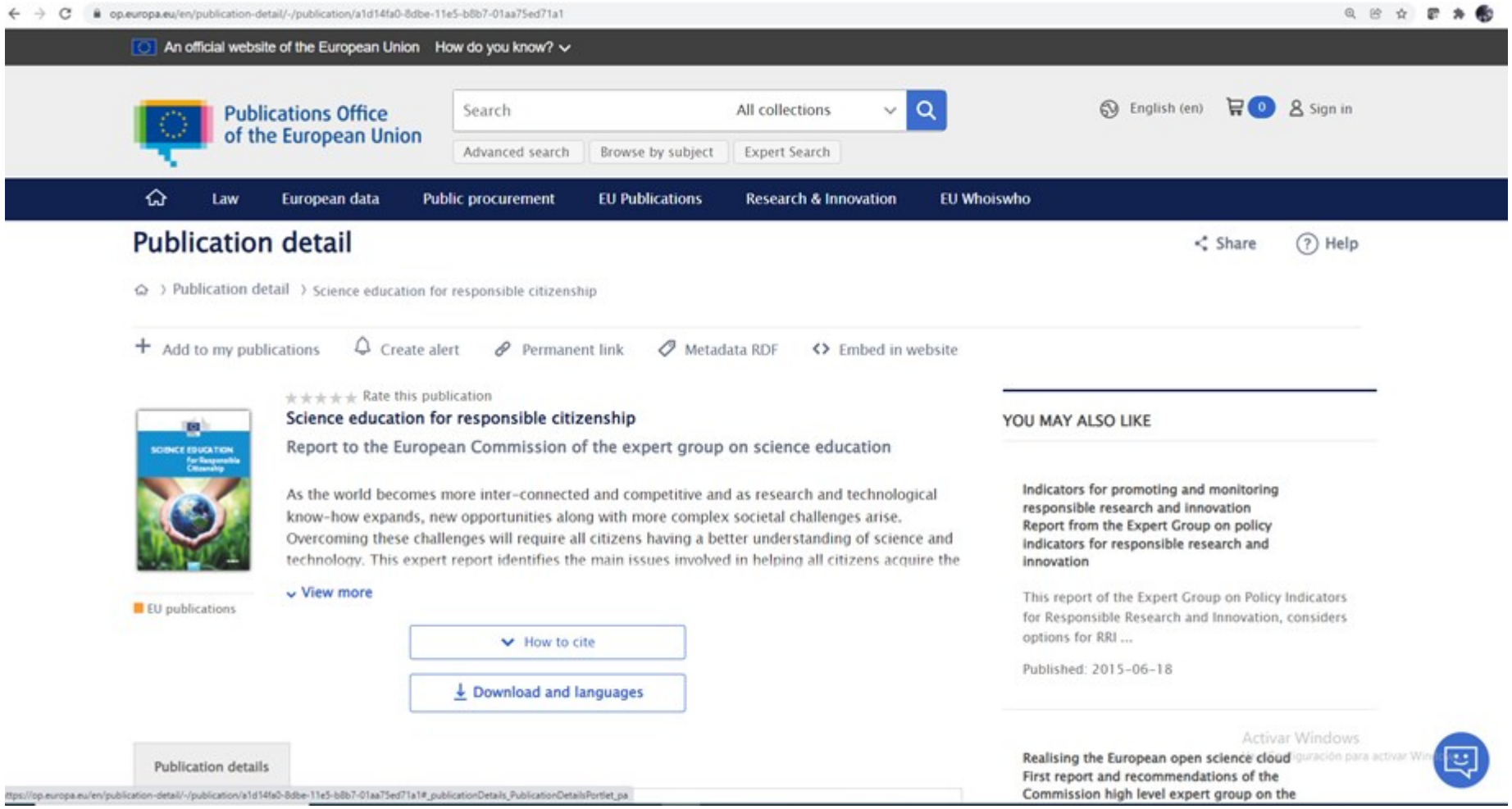
Some sources of Information

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Science education



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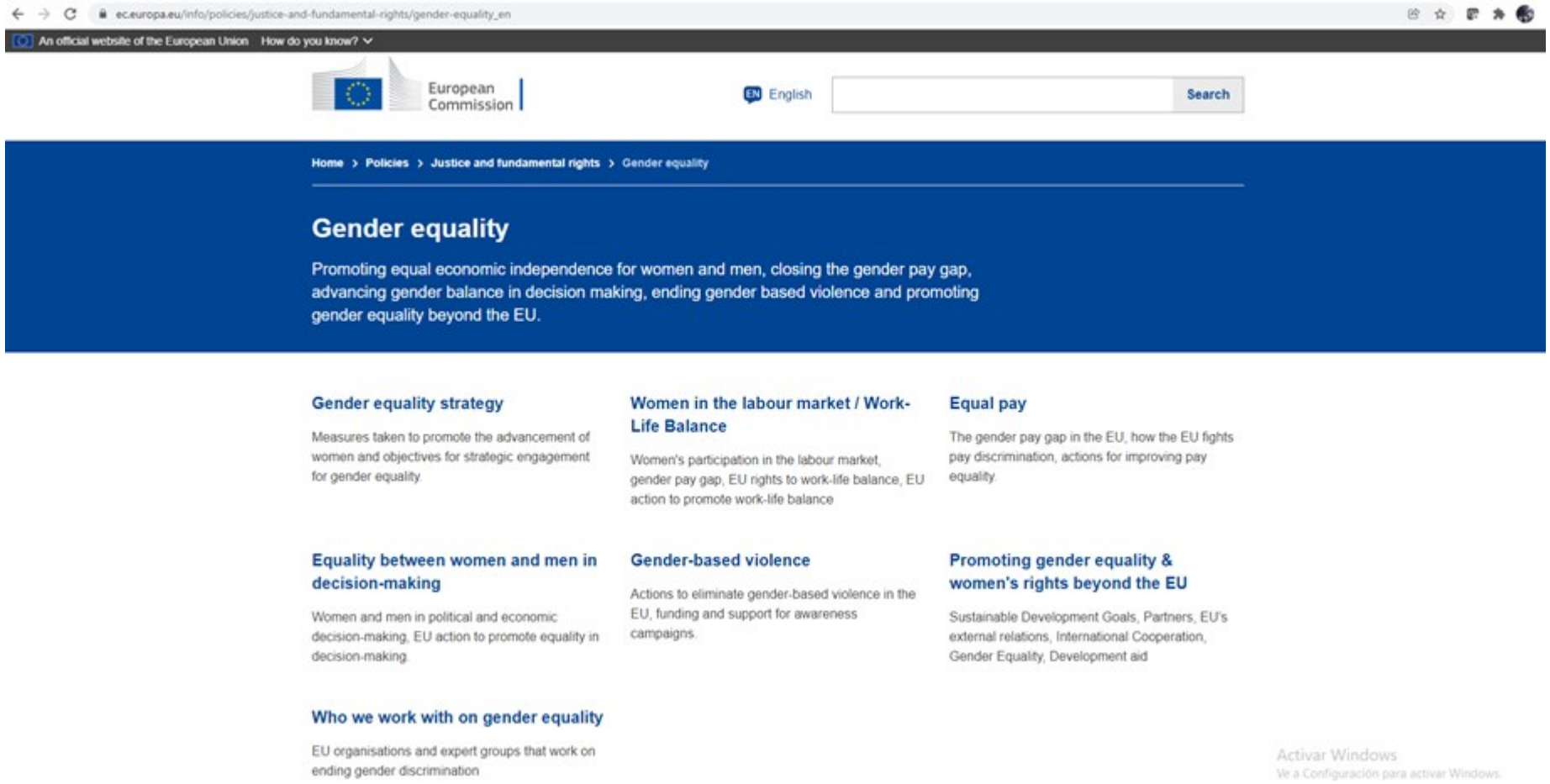
Some sources of Information

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

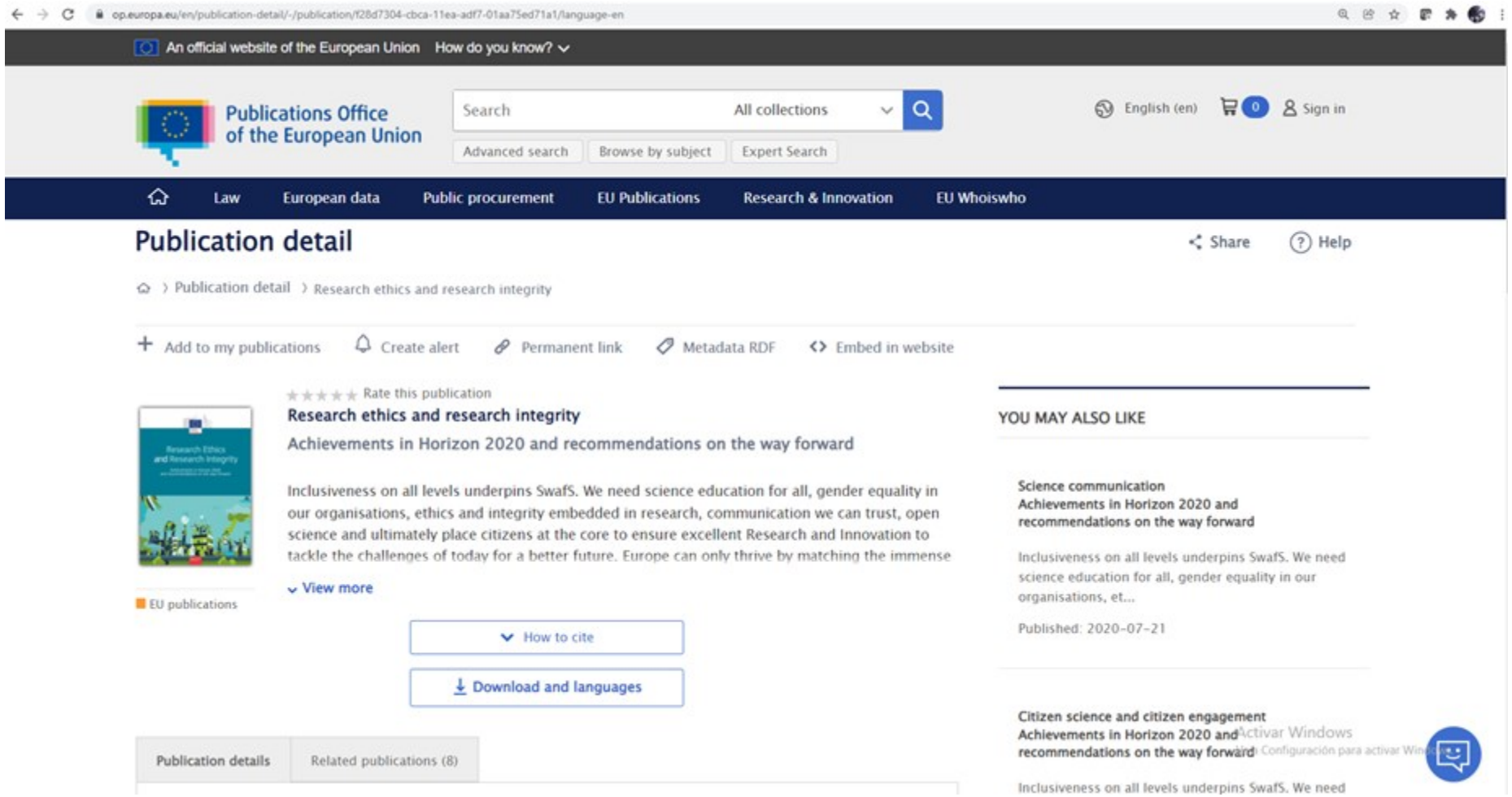


Activar Windows
Ve a Configuración para activar Windows.

Some sources of Information

Objective 4 DEEPENING THE EUROPEAN RESEARCH AREA

Ethics



European Commission

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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