



Εθνικόν και Καποδιστριακόν
Πανεπιστήμιον Αθηνών

ΕΤΑΙΡΕΙΑ ΑΞΙΟΠΟΙΗΣΕΩΣ
ΚΑΙ ΔΙΑΧΕΙΡΙΣΕΩΣ ΤΗΣ ΠΕΡΙΟΥΣΙΑΣ
ΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΑΘΗΝΩΝ

Destination 3 “ Reforming and enhancing the EU Research and Innovation System”

Βασιλική Καλοδήμου

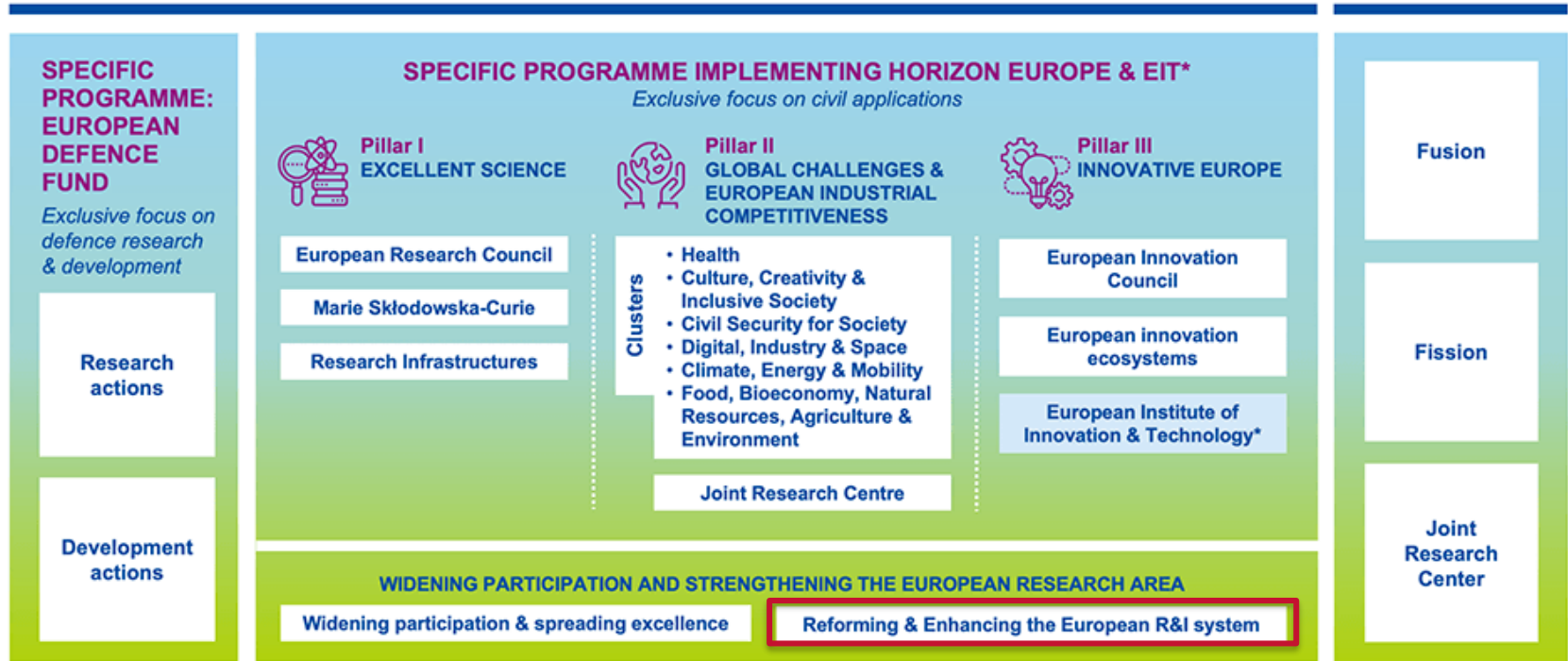
ΔΙΑΔΙΚΤΥΑΚΟ ΣΕΜΙΝΑΡΙΟ
Εθνικό και Καποδιστριακό
Πανεπιστήμιο Αθηνών
Δευτέρα, 28 Μαρτίου 2022



Where are we?

HORIZON EUROPE

EURATOM



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



Widening Participation & Strengthening of the EU ERA

Destinations 1 & 2

Part 1: Widening Participation

- Teaming for Excellence
- Twinning
- ERA Chairs
- Excellence Hubs
- EU Excellence Initiative
- Hop-On

Destination (D.) 3

Part 2: Reforming & enhancing the EU R&I System

- Strand 1: Support to national policy makers
- Strand 2: Support to research managers
- Strand 3: ERA Hubs: knowledge creation, circulation and use
- Strand 4: Acceleration services for HEIs

Budget: 2,93 m

Budget: 0,4 m



Destination 3: Overview of funding opportunities

- › 2021 calls
 - › Opening: 22nd June 2021
 - › Deadline: 23rd September 2021
 - › No of projects to be funded: 26
 - › Budget: 61,5 M euro
- › 2022 calls
 - › Opening: 19th January 2022
 - › Deadline: 20th April 2022
 - › No of projects to be funded: 25
 - › Budget: 60,50 M euro

Research and Innovation Actions: 2 topics

Coordination and Support Actions: 13 topics



The basis of Widening participation & strengthening of the European Research Area

Political headlines 2019-2024

- › EU Green Deal
- › Europe fit for the Digital Age
- › Economy that works for people
- › Recovery Plan
- › ESFRI
- › ERA

<https://bit.ly/2TNaf0e>

ERA Communication

- › Prioritise **investments** and **reforms** in R&I for green, digital transition and COVID-19 recovery
- › Strengthen **mobility** of talents and free flow of knowledge
- › Boost **market uptake** of R&I results
- › Improve **access to excellence** (dissemination of best practices)



Destination (D.) 3: Main objectives - Strands



Prioritise investments & reforms



Improving access to excellence



Translating R&I results into the economy



Deepening the ERA



Destination (D.) 3: Call overview

Call ID	Description	Type	Budget/proposal	No of projects
HORIZON-WIDERA-2022-ERA-01-30	Testing of the ERA Hub concept – pilot phase	CSA	1.50	2
HORIZON-WIDERA-2022-ERA-01-40	Stepping-up institutional and territorial changes towards open and responsible research and innovation	CSA	5.00	1
HORIZON-WIDERA-2022-ERA-01-41	Increasing the reproducibility of scientific results	RIA	2.00	2
HORIZON-WIDERA-2022-ERA-01-42	Supporting the development of aligned policies for open access books and monographs	CSA	2.00	1
HORIZON-WIDERA-2022-ERA-01-44	Developing and piloting training on the practice of open and responsible research and innovation	CSA	3.50	1
HORIZON-WIDERA-2022-ERA-01-50	Developing an effective ERA talent pipeline	CSA	1.50-2.00	2
HORIZON-WIDERA-2022-ERA-01-51	Acceleration Services in support of the institutional transformation of Higher Education Institutions	CSA	2.50-3.50	3
HORIZON-WIDERA-2022-ERA-01-60	A European competence centre for science communication	CSA	3.00	1
HORIZON-WIDERA-2022-ERA-01-70	Open schooling for science education and a learning continuum for all	CSA	1.50 -2.00	3
HORIZON-WIDERA-2022-ERA-01-80	Living Lab for gender-responsive innovation	RIA	3.00	1
HORIZON-WIDERA-2022-ERA-01-81	Support to the implementation of inclusive gender equality plans	CSA	0.50-1.00	4
HORIZON-WIDERA-2022-ERA-01-91	The empirical and behavioural approach to research ethics and integrity	CSA	3.00	1

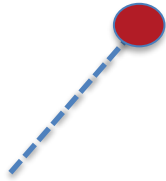


Translating R&I results into
the economy



HORIZON-WIDERA-2022-ERA-01-30 : Testing of the ERA HUB concept – pilot phase

- › Build **interconnected + interoperable** ecosystems in the ERA for facilitating the creation, circulation, diffusion and take-up of knowledge
- › Pairing of “stronger” countries with countries/regions missing integrated place-based approach
- › Collaboration platform for best practice sharing across borders, sectors and disciplines
- › **Potential participants:** Higher Education Institutions their tech transfer offices, research institutes, business schools, private companies, not for profit organisations, or entities already part of pan-European networks or coming from different funding communities, in order to better connect those communities



Deepening the ERA



Relevant indicative topics

HORIZON-WIDERA-2022-ERA-01-40	Stepping-up institutional and territorial changes towards open and responsible research and innovation	CSA	5.00	1
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HORIZON-WIDERA-2022-ERA-01-91	The empirical and behavioural approach to research ethics and integrity	CSA	3.00	1



Deepening the ERA

Indicative topics

- › Open science (reproducibility, FAIR)
- › Synergies with **INFRAEOSC**
- › Societal trust in science, research & innovation
- › Higher Education Institutions and Researchers
- › Science education/communication
- › Gender equality (inclusive Gender Equality Plans, living labs)
- › Ethics and integrity in research
- › Responsible research and innovation



Open science indicative topics

- › **HORIZON-WIDERA-2022-ERA-01-40**: Stepping-up institutional and territorial changes towards open and responsible research and innovation
 - CSA
 - 1 project to be funded | budget: 5 mio €
 - `cascading grant: Financial support to third parties : 60 K €
- › **HORIZON-WIDERA-2022-ERA-01-41**: Increasing the reproducibility of scientific results
 - RIA
 - 2 projects to be funded | budget: 2 mio €
- › **HORIZON-WIDERA-2022-ERA-01-44**: Developing and piloting training on the practice of open and responsible research and innovation | CSA: 1 project: 3.5 mio €



HORIZON-WIDERA-2022-ERA-01-50: Developing an effective ERA talent pipeline

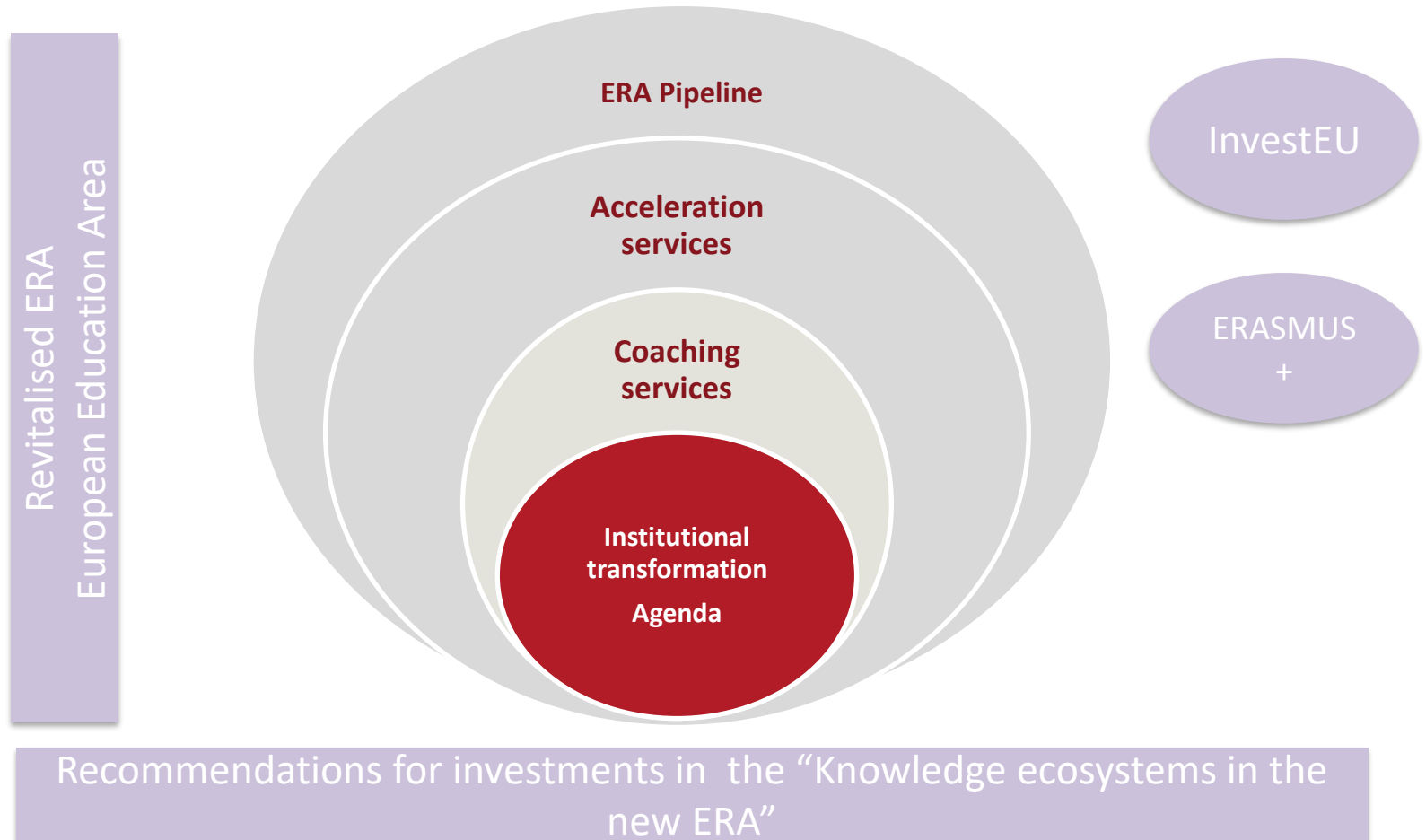
CSA | 2 projects | 1,5-2 mio €/proposal | Duration: up to 2 years

- › Based on European Skills Competences and Occupations (ESCO) framework
- › Diversification of the PHD programmes and practices (including non-academic actors)
- › Mainstreaming of tenure track like systems
- › to take measures to improve flow-through of talent within academia and to and from the non-academic sector
- › Establishment of a PILOT (training hubs) where non-academic actors can define the priorities of researchers' training and lifelong learning upskilling



Acceleration Services in support of the institutional transformation of HEIs

Acceleration services in support of the institutional transformation of HEIs





Topic: **Acceleration Services** in support of the institutional transformation of HEIs

CSA | 3 projects | 10,5 mio € | Duration: up to 5 years

Expected outcomes

- Together with other individual HEIs, Alliances of universities, surrounding ecosystem actors
- Transformation agenda
 - shared R&I strategies with other HEIs
 - Sharing capacity: infrastructure, etc (European Universities Initiative)
 - Improve attractiveness of researchers' careers (assessment and incentive regimes)
 - Collaboration with ecosystem actors
 - Mainstream digitalization, open science, gender equality plans



Topic: **Acceleration Services** in support of the institutional transformation of HEIs (cont)

Expected outcomes

- › Access to mentoring/coaching service
- › Develop **methodologies** to implement the required acceleration **services**
- › help institutions to successfully implement **a strategy and roadmap for transformation**
- › a **monitoring mechanism** to assess progress

Synergies with:

- › Towards a 2030 Vision on the Future of Universities in the field of research and innovation in Europe
- › EIT related call
- › Develop policy recommendations



Science communication & science education

- › HORIZON-WIDERA-2022-ERA-01-60: A **European competence centre for science communication**
 - Type of action: CSA
 - 1 project to be funded | 3 mio €

- › HORIZON-WIDERA-2022-ERA-01-70: **Open schooling for science education and a learning continuum for all**
 - Type of action: CSA
 - 3 projects to be funded | 1,5-2 mio €



HORIZON-WIDERA-2022-ERA-01-81: Support to the implementation of inclusive Gender Equality Plans

- › **Budge/proposal:** 0,5-1 mio € | 4 projects to be funded
- › **Widening eligibility criteria:** Leading university or research organisation in gender equality + at least 3 less advanced institutions in widening countries incl. WB
- › **Twinning exercise** in gender balance in R&I across a specific discipline
- › Reduce heterogeneity of implementation of GEPs
- › Enhance attractiveness and research excellence of less advanced institutions in Gender Equality

**GENDER
ACTION**





HORIZON-WIDERA-2022-ERA-01-81: Support to the implementation of inclusive Gender Equality Plans

- › incorporate intersectionality
- › **Twinning exercise** in gender balance in R&I across a specific discipline
- › Methods for exchanging best practices
- › Reinforce networking in the area of gender equality
- › On-site visits, physical or virtual trainings, workshops, dissemination, capacity-building activities
- › Implementation of specific actions in the less advanced institutions

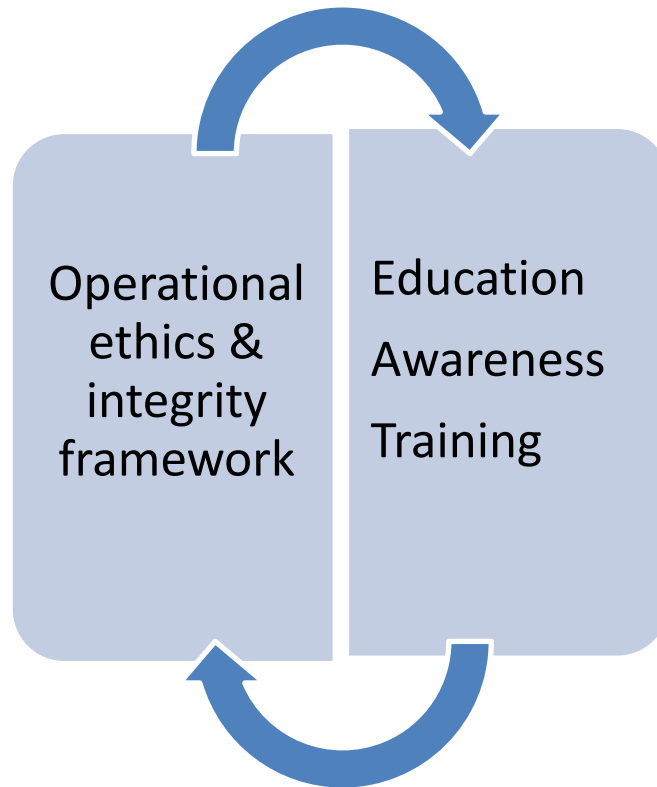
**GENDER
ACTION**





Research ethics and integrity

Emergencies, globalisation of research



New technologies – high socioeconomic impact



HORIZON-WIDERA-2022-ERA-01-91: Ethics & Integrity:

The empirical and behavioural approach to research ethics and integrity

- › **Budget:** 3 mio euro – **1 proposal (CSA)**
- › **Trust** in science is key for an inclusive, open and democratic society
- › Several factors may lead researchers to **breach research ethics and integrity standards** and engage in questionable research practices (individual & institutional)
- › **a literature review**, map the existing knowledge on behavioral ethics and moral psychology and identify research outcomes and research needs.
- › **Public consultation**

the
embassy
of good
science



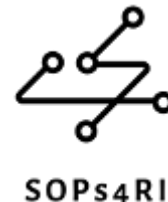
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Ethics & Integrity: (continued)

The empirical and behavioural approach to research ethics and integrity

- › **improve the understanding of researchers' behaviours** and incorporate **this knowledge in measures** aiming at enhancing promotion of ethics and integrity principles through shared responsibility (individual and institutional)
- › **develop a comprehensive preventive policy** and support research organizations and research funders
- › **Develop training courses, adoption guidelines**
- › Structured cooperation with the e-platforms on research integrity
- › Involvement of industrial partners would add value to the consortium
- › INCO partners as associated partners



Thank you
for your attention

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