

# A részvétel szélesítése és az Európai Kutatási Térség megerősítése

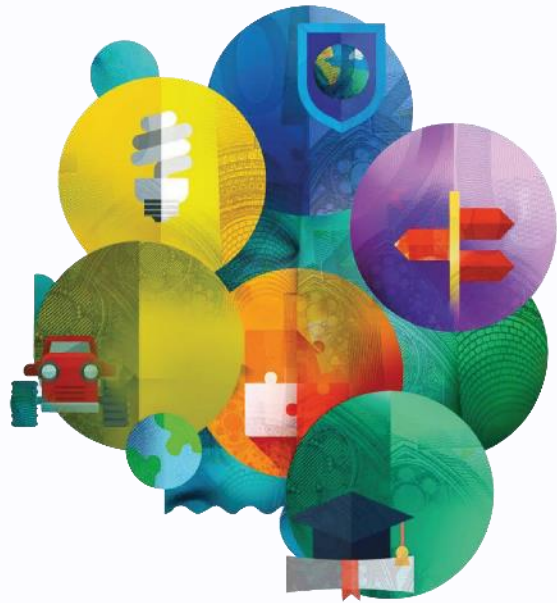
Destination 3: Reforming and enhancing the EU research and innovation system

## Draft Work Programme 2021 – 2022

2021. március 18.



# Reforming and enhancing the EU research and innovation system



## Background

- **Maximise the impact** of EU research and innovation funding for European science, economy and the wider society
- Paradigm change from an activity-driven to an **impact-driven programme**
- **Relaunching of the European Research Area (ERA)** - Commission Communication entitled *A new ERA for Research and Innovation* (COM/2020/628 final of 30.09.2020)
- Europe's recovery is a priority as are the green and digital twin transitions. **Linking R&I better with the economy, and with education and training**, is necessary to put the EU's scientific knowledge to work.
- The green and digital transitions and the recovery call for **cooperation between the Commission and the Member States**. They require the setting of **new priorities**, launching ambitious joint initiatives and developing common approaches between policies

Destination 3:  
Reforming and  
enhancing the EU  
research and  
innovation  
system –  
**expected  
impacts**



- **Reform** and Enhance the EU R&I system
- **Prioritisation of investments and reforms**, realisation of the recovery and the twin transitions
- Improved **access to excellence**
- **Greater quality of the scientific production** and stronger translation of R&I results into the economy
- **Deepen the ERA**
- **Coordinated national and regional R&I programmes** by pooling national resources and contributing to the alignment of national research and innovation policies
- **Improved knowledge** for policy making about the **networking patterns of research support staff and research management**
- **Synergies between research & innovation and higher education** policies and programmes
- Increased number of **interconnected knowledge ecosystems**, strong in knowledge creation, circulation and use
- Researchers benefit from **attractive careers**

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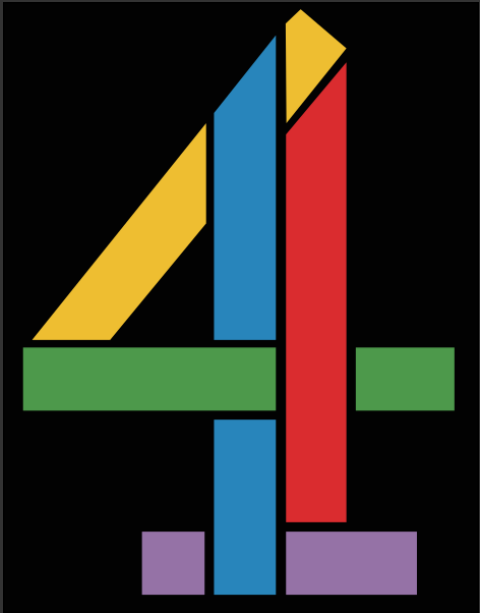


- **Inclusive gender equality** is promoted in the European research and innovation system
- A more **open and inclusive research and innovation system**
- **Increased capacity in the EU R&I system** to conduct open science and to set it as a *modus operandi* of modern science
- **Increased engagement of citizens** with research and innovation
- **Increased alignment of strategic research with society needs,** expectations and values
- Identified **synergies between second and third level education,** and between **education and business;**
- **Increased trust in science and R&I outcomes,** and greater two-way communication between science and society
- **Knowledge and a highly skilled workforce circulate freely**
- **Improved capacities** within the EU R&I system to conduct open science

Objectives of  
the new ERA

=

4 strands of  
Destination 3



1

Prioritising investments

2

Improving access to excellence

3

Translating R&I results into economic  
value

4

Deepening the ERA



# Draft Work Programme 2021 - 2022

## Destination 3: Reforming and enhancing the EU research and innovation system – 4 Strands

### 1. Prioritising investments & reforms

- Policy Support Facility
- ERA Scoreboard
- Academic freedom

### 2. Improving access to excellence

- Networking & training for research managers

### 3. Translating R&I results into economic value

- Standardisation booster, Innowide Bridging, IP mgmt
- ERA hubs, future resilience
- Innovation scoreboard, industrial technology roadmaps

### 4. Deepening the ERA

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



# Destination 3 calls

## INDICATIVE BUDGET

for  
2021 and 2022

## OPENINGS and DEADLINES

Call	Budgets (EUR million)	Opening	Deadline
HORIZON-WIDERA-2021-ERA-01	55.50	08 June 2021	23 September 2021
HORIZON-WIDERA-2022-ERA-01	64.00	19 January 2022	20 April 2022



# Destination 3 2021



## Strands 1 to 4

	Number of topics	Budget for calls 2021 (million EUR)
<b>Strand 1</b> Prioritizing investment and reform	<b>1</b>	<b>5</b>
<b>Strand 2</b> Improving access to excellence	<b>1</b>	<b>3</b>
<b>Strand 3</b> Translating R&I results into the economy	<b>4</b>	<b>5,5</b>
<b>Strand 4</b> Deepening the European Research Area	<b>13</b>	<b>42</b>



# Strand 4 2021



## Topic groups

	Number of topics	Budget 2021 (million EUR)
• Open Science	5	11
• Higher Education Institutions and Researchers	1	1,5
• Citizen Science	2	9
• Science Education	1	5
• Gender Equality	2	8
• Ethics & Integrity	2	7,5

# Destination 3 2022



## Strands 1 to 4

	Number of topics	Budget for calls 2022 (million EUR)
<b>Strand 1</b> Prioritizing investment and reform	<b>1</b>	<b>10</b>
<b>Strand 2</b> Improving access to excellence	-	-
<b>Strand 3</b> Translating R&I results into the economy	<b>3</b>	<b>7,5</b>
<b>Strand 4</b> Deepening the European Research Area	<b>12</b>	<b>46,5</b>

# Strand 4 2022



## Topic groups

	Number of topics	Budget 2022 (million EUR)
• Open Science	4	14,5
• Higher Education Institutions and Researchers	2	14,5
• Science Communication	1	3
• Science Education	1	5,5
• Gender Equality	2	6
• Ethics & Integrity	2	3

# 2021



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Str	Topics	Type of Action	Budget (M EUR)	Nr of pr.s
Opening: 08 Jun 2021 / Deadline(s): 23 Sep 2021				

2	HORIZON-WIDERA-2021-ERA-01-20: Towards a Europe-wide training and networking scheme for research managers	CSA	3.00	2
3	HORIZON-WIDERA-2021-ERA-01-30: Implementation of a new macro-economic modelling concept	RIA	1.00	1
	HORIZON-WIDERA-2021-ERA-01-31: Innowwide Bridging Facility	CSA	1.50	1
	HORIZON-WIDERA-2021-ERA-01-32: Standardisation Booster for fostering exploitation of FP-funded research results	CSA	2.00	1
	HORIZON-WIDERA-2021-ERA-01-33: R&I intensive IP management: Scenarios for the future	CSA	1.00	1
4	<i>OPEN SCIENCE</i>			
	HORIZON-WIDERA-2021-ERA-01-40: Modelling and quantifying the impacts of open science practice	RIA	2.00	1
	HORIZON-WIDERA-2021-ERA-01-41: Global cooperation on FAIR data policy and practice	CSA	2.00	2

# 2021



Str	Topics	Type of Action	Budget (M EUR)	Nr of pr.s
Opening: 08 Jun 2021 / Deadline(s): 23 Sep 2021				

4	HORIZON-WIDERA-2021-ERA-01-43: Capacity-building for institutional open access publishing across Europe	CSA	3.00	1
	HORIZON-WIDERA-2021-ERA-01-44: Societal trust in science, research and innovation	RIA	2.00	1
	HORIZON-WIDERA-2021-ERA-01-45: Support to changes in the assessment of research and researchers to reward the practice of open science	CSA	2.00	1
	<i>HIGHER EDUCATION INSTITUTIONS AND RESEARCHERS</i>			
	HORIZON-WIDERA-2021-ERA-01-50: Protection of Higher Education Institutions and research organisations against conventional and non-conventional threats	RIA	1.50	2
	<i>CITIZEN SCIENCE</i>			
	HORIZON-WIDERA-2021-ERA-01-60: A capacity-building and brokering network to make citizen science an integral part of the European Research Area	CSA	4.00	1
	HORIZON-WIDERA-2021-ERA-01-61: Supporting and giving recognition to citizen science in the European Research Area	CSA	5.00	1



# 2021



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Str	Topics	Type of Action	Budget (M EUR)	Nr of pr.s
Opening: 08 Jun 2021 / Deadline(s): 23 Sep 2021				

4	<i>SCIENCE EDUCATION</i>			
	HORIZON-WIDERA-2021-ERA-01-70: Developing a STE(A)M roadmap for Science Education in Horizon Europe	CSA	5.00	3
	<i>GENDER EQUALITY</i>			
	HORIZON-WIDERA-2021-ERA-01-80: Centre of excellence on inclusive gender equality in Research & Innovation	RIA	5.00	1
	HORIZON-WIDERA-2021-ERA-01-81: Policy coordination to advance the implementation of the ERA gender equality and inclusiveness objectives within Member States	CSA	3.00	1
	<i>ETHICS AND INTEGRITY</i>			
	HORIZON-WIDERA-2021-ERA-01-90: The challenges of research ethics and integrity in response to crisis: the coronavirus pandemic and beyond	CSA	3.75	1
HORIZON-WIDERA-2021-ERA-01-91: Ensuring reliability and trust in quality of Research Ethics expertise in the context of new/emerging technologies	CSA	3.75	1	

# 2022



Strand	Topics	Type of Action	Budget (M EUR)	Nr of pr.s
Opening: 19 Jan 2022 / Deadline(s): 20 Apr 2022				

3	HORIZON-WIDERA-2022-ERA-01-30: Testing of the ERA Hub concept – pilot phase	CSA	3.00	2
	HORIZON-WIDERA-2022-ERA-01-31: Innowwide Bridging Facility	CSA	1.50	1
	HORIZON-WIDERA-2022-ERA-01-32: An experimentation space for the uptake and use of R&I results for EU resilience and future preparedness	CSA	3.00	1
4	<i>OPEN SCIENCE</i>			
	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	4.00	2
	HORIZON-WIDERA-2022-ERA-01-42: Supporting the development of aligned policies for open access books and monographs	CSA	2.00	1

# 2022



Strand	Topics	Type of Action	Budget (M EUR)	Nr of pr.s
Opening: 19 Jan 2022 / Deadline(s): 20 Apr 2022				

<b>4</b>	HORIZON-WIDERA-2022-ERA-01-44: Developing and piloting training on the practice of open and responsible research and innovation	CSA	3.50	1
	<i>HIGHER EDUCATION INSTITUTIONS AND RESEARCHERS</i>			
	HORIZON-WIDERA-2022-ERA-01-50: Developing an effective ERA talent pipeline	CSA	3.00	2
	HORIZON-WIDERA-2022-ERA-01-51: Acceleration Services in support of the institutional transformation of Higher Education Institutions	CSA	11.50	1
	<i>SCIENCE COMMUNICATION</i>			
	HORIZON-WIDERA-2022-ERA-01-60: A European competence centre for science communication	CSA	3.00	1
	<i>SCIENCE EDUCATION</i>			
	HORIZON-WIDERA-2022-ERA-01-70: Open schooling for science education and a learning continuum for all	CSA	5.50	3

# 2022



Strand	Topics	Type of Action	Budget (M EUR)	Nr of pr.s
Opening: 19 Jan 2022 / Deadline(s): 20 Apr 2022				

4	<i>GENDER EQUALITY</i>			
	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	3.00	4
	<i>ETHICS AND INTEGRITY</i>			
	HORIZON-WIDERA-2022-ERA-01-90: The Ethics of Environmental Research	CSA	1.50	1
	HORIZON-WIDERA-2022-ERA-01-91: The empirical and behavioural approach to research ethics and integrity	CSA	1.50	1

**A munkaprogram-tervezet (munkanyagként) elérhető az Európai Bizottság honlapján:**  
<https://ec.europa.eu/transparency/regexpert/index.cfm?do=groupDetail.groupMeeting&meetingId=23774>



# Köszönöm a figyelmet!





# Köszönöm a figyelmet!

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