



TECHNOLOGICKÉ  
CENTRUM AV ČR

# WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

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Anna Vosečková, WIDERA NCP, EIT NCP  
Presentation of Horizon Europe  
11 May 2022, ELI, Dolní Břežany

# 1

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WIDERA WP



# 2

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WIDENING  
INSTRUMENTS



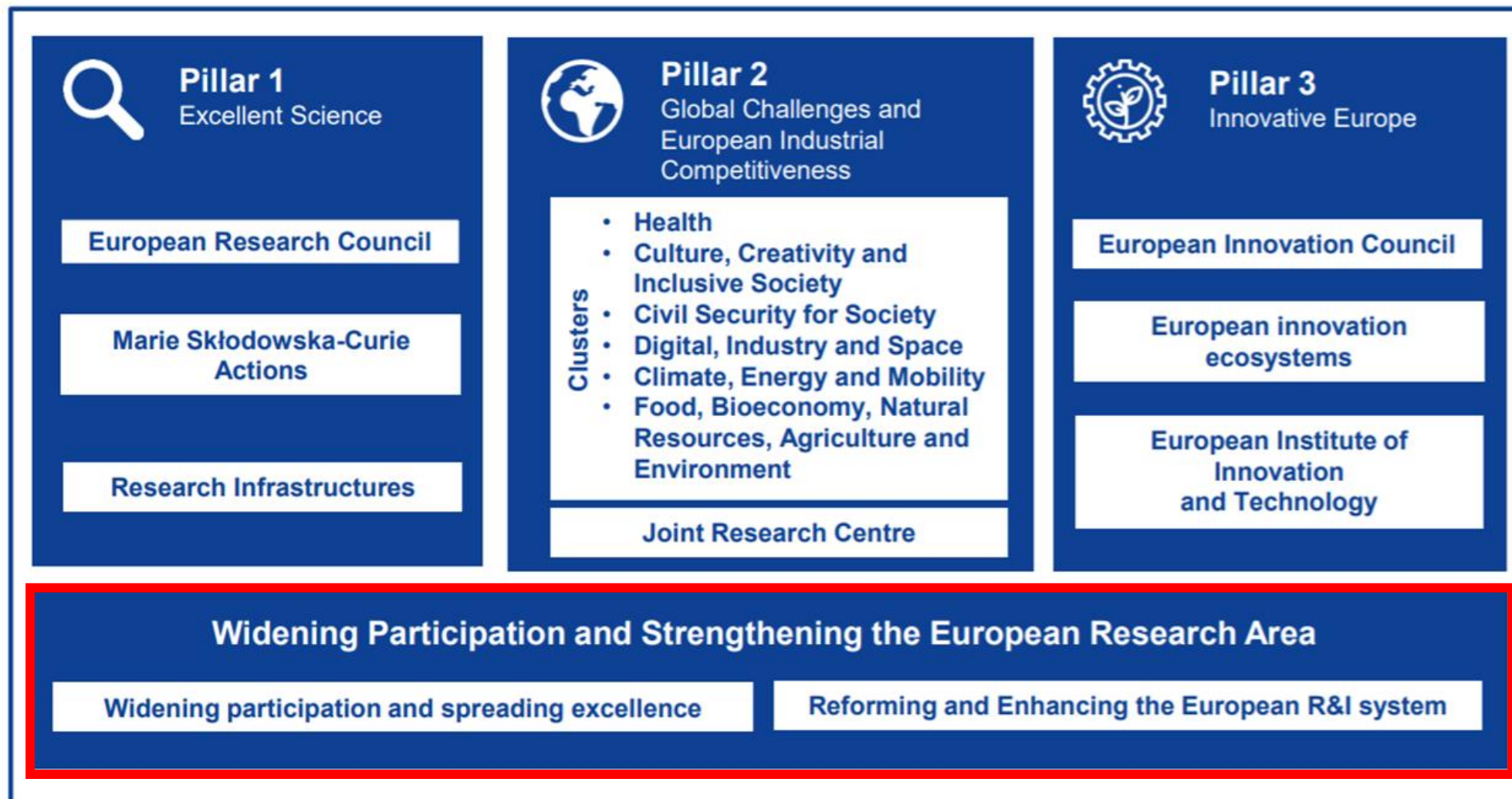
# 3

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ERA CALLS AND  
TOPICS



# HORIZON STRUCTURE

Part 11 of the Main Work Programme



# WIDENING AND ERA: RATIONALE

TOTAL BUDGET: 3,4 BEUR  
WIDENING 3 BEUR – ERA 0,4 BEUR

## WIDENING PART

**Significant disparities of R&I performance within the EU and low participation of some countries in FPs** due to:

- reduced access to international networks
- system learning effects
- problems with information, communication and training
- insufficient national R&D investments
- lack of synergies between national research systems and EU research landscape

## ERA PART-SwafS in H2020 + new topics

Reforming and enhancing the EU R&I system - calls structured around 4 strands corresponding to 4 objectives of the new ERA:

1. Prioritise investments and reforms
  2. Improve access to excellence
  3. Translate R&I results into the economy
  4. Deepening the ERA
- **principle of excellence remains the cornerstone for all investments under ERA**

# 1

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WIDERA WP



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# 3

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ERA CALLS AND  
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# WIDENING INSTRUMENTS

- Continuation in **HORIZON EUROPE (2021-2027)** - new elements and instruments
  - Widening countries in HORIZON: 15 MS (13 NMS + PT and EL) + 9 EU Outermost regions + AC
- **Advancing Europe Package**
  - **Cross-cutting widening measures**
    - HOP ON FACILITY (accession of one additional partner from a WC to consortium funded under Pillar 2 or EIC Pathfinder with a valid GA without any WC partner) 
    - RECOGNITION OF PARTICIPATION (certificate for WC coordinators) 
    - MATCHMAKING (Joint Brokerage Events with Pillar 2 clusters, study visits) 
    - PROPOSAL REVIEW / CHECK (trainings, professional reading) 
  - **Widening instruments**
    - TEAMING, TWINNING, ERA Chairs and COST programme
    - European Excellence Initiative (EEI), Excellence Hubs, ERA Talents 
    - ERA Fellowships (MSCA Postdoctoral Fellowships 2021) = Widening Fellowships in H2020

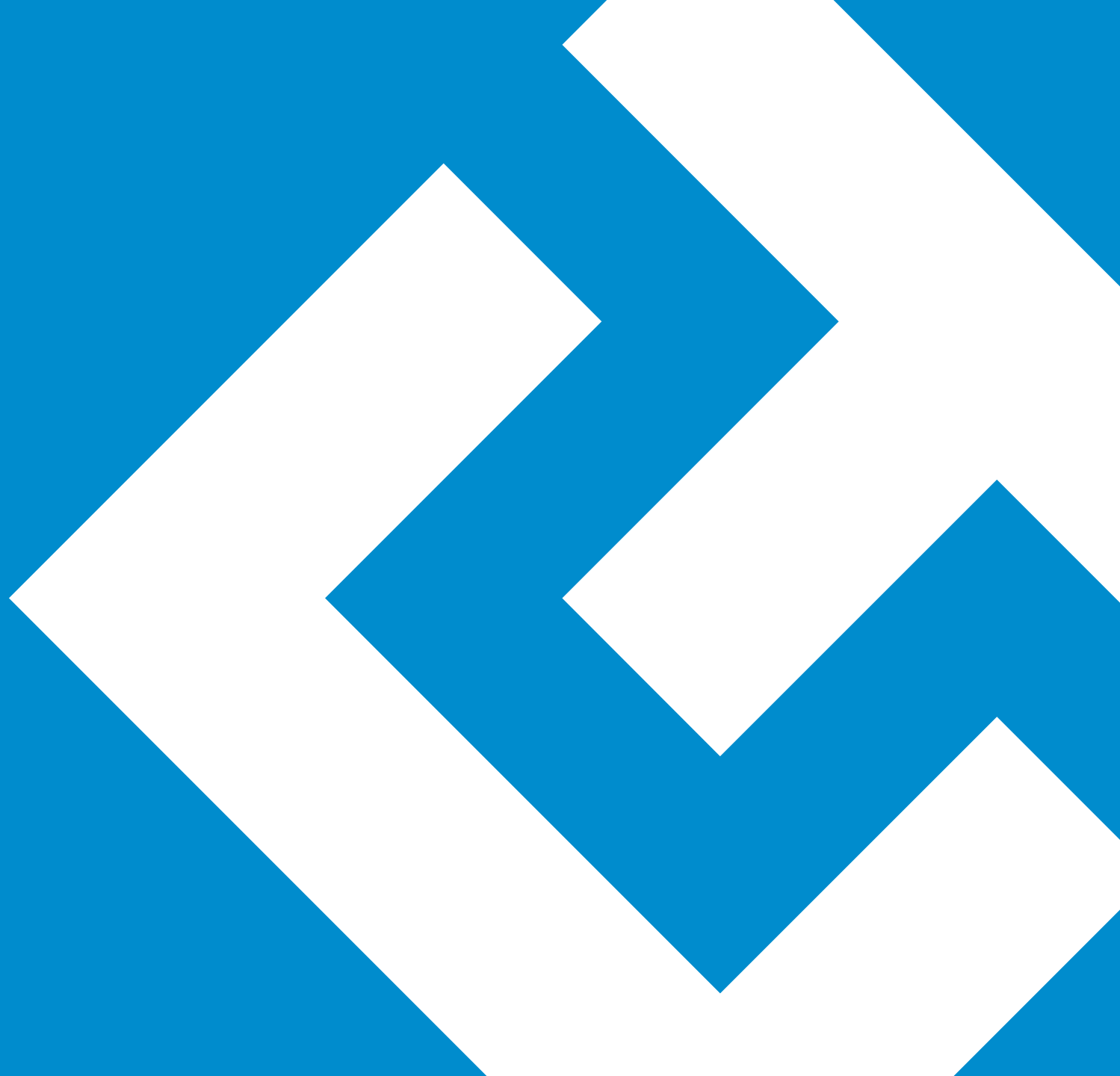
# NEW ELEMENT – ELIGIBILITY OF R&I COSTS

Regulation establishing HORIZON, Article 2 – Definitions, paragraph (25h)

„coordination and support action“ means an action contributing to the objectives of the HORIZON programme, excluding research and innovation activities, except when undertaken under the component „widening participation and spreading excellence“ of the part „Widening Participation and Strengthening the ERA“; ...

Research and innovation costs are eligible in CSA for Widening instruments

# **TEAMING FOR EXCELLENCE**





# TEAMING 2021-2022

116 PROPOSALS SUBMITTED (CZ - 10)  
32 PROJECTS PASSED TO STAGE 2 (THRESHOLD 8,5) CZ - 4

## RATIONALE

- MAIN AIM – institution building: create new centres of excellence or substantially upgrade existing ones (2 phases abolished)
- Two-stage evaluation process (more details in FAQs)
- Complementary funding from other sources at least equal to the requested HORIZON grant (letter of commitment for the 2nd stage)
- Seal of Excellence to applications exceeding all evaluation thresholds but cannot be funded due to lack of budget available
- A research component up to 10% may include preparatory research project

## OVERVIEW

- HORIZON-WIDERA-2022-ACCESS-01-01
- Opening: 29 June 2021
- **Deadline stage 1: 5 October 2021**
- **Deadline stage 2: 8 September 2022**
- Overall indicative budget: M€ 180
- Budget per project: M€ 8 – 15
- Project duration: up to 6 years
- Consortium: min. 1 + 1
- Expected no. of projects: 12

# TEAMING FOR EXCELLENCE 2023-2024 (DRAFT)

## RATIONALE

- MAIN AIM -- institution building: create new centres of excellence or substantially upgrade existing ones
- Two-stage evaluation process
- Complementary funding from other sources at least equal to HE grant (LoC for the 2nd stage)
- Seal of Excellence to applications exceeding all evaluation thresholds but not funded
- A research component up to 10% may include preparatory research project
- **CoEs already funded from previous Teaming calls are excluded**

## OVERVIEW

- HORIZON-WIDERA-2023-ACCESS-01-01
- **Opening: 10 January 2023**
- **Deadline stage 1: 12 April 2023**
- **Deadline stage 2: 7 March 2024**
- Overall indicative budget: M€ 180
- Budget per project: M€ 8 – 15
- Project duration: up to 6 years
- Consortium: min. 1 + 1
- Expected no. of projects: 18

# EUROPEAN EXCELLENCE INITIATIVE

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New Widening instrument  
in HORIZON



# EUROPEAN EXCELLENCE INITIATIVE 2021

## RATIONALE

- MAIN AIM -- capacity building to strengthen networks of HEIs and cooperation with surrounding ecosystems
- Inclusion of research activities with a centre of gravity in widening countries
- At least 2 HEIs from a WC (or different WCs) and at least 2 internationally-leading institutions from 2 different MS or AC
- **+ surrounding ecosystems, including non-university research centres**

## OVERVIEW

- HORIZON-WIDERA-2021-ACCESS-05-01
- Opening: 29 June 2021
- **Deadline: 4 November 2021**
- Overall indicative budget: M€ 30
- Budget per project: M€ 1,5 – 2
- Project duration: not specified
- Expected no. of projects: 15

12 PROPOSALS SUBMITTED (CZ – 2 coordinators + 5 participants)  
9 PROJECTS ON THE MAIN LIST (CZ – 1 coordinator + 3 participants)

# EEI 2023-2024 (DRAFT)

## RATIONALE

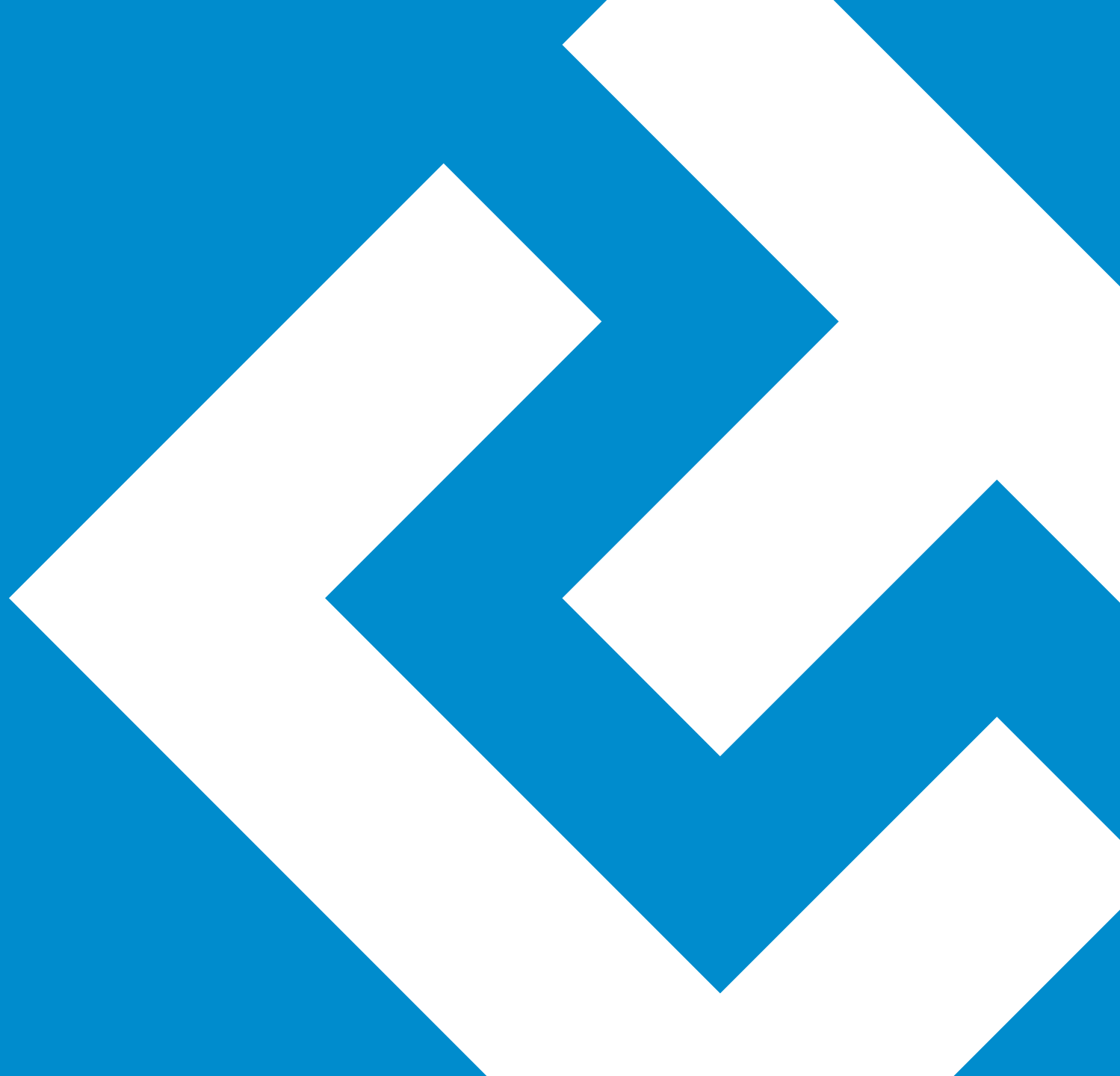
- MAIN OBJECTIVES:
  - Raise excellence in science and in value creation through deeper and geographically inclusive cooperation in alliances of HEIs with a particular focus on widening countries;
  - Improve global competitiveness and visibility of EU HEIs, creating critical mass in key areas such as the green transition and HE Mission areas
- Inclusion of research activities with a centre of gravity in widening countries, e.g. budget allocation of at least 70% to participants from Widening countries
- Costs of research activities including equipment are limited to a maximum of 20% of the total budget
- **Integrated collaboration between institutions and with other actors in local ecosystems**

## OVERVIEW

- HORIZON-WIDERA-2023-ACCESS-03-01
- **Opening: 10 January 2023**
- **Deadline: 13 April 2023**
- *Overall indicative budget: M€ 60*
- *Budget per project: M€ 3 – 6*
- *Project duration: 5 years max.*
- Consortium: min. 1 + 2
- Coordinator from Widening Country
- Expected no. of projects: 12

# TWINNING

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# TWINNING 2021

391 PROPOSALS SUBMITTED

## RATIONALE

- MAIN AIM – institutional networking to enable:
  - Transfer of knowledge and skills and exchange of best practices
  - Raising of research profile of the institution and its staff
  - Special focus on strengthening the research management and administrative skills
- A research component up to 30% may include exploratory research project (dedicated WP) - at least 70% of the research activities must be allocated to the coordinator

## OVERVIEW

- HORIZON-WIDERA-2021-ACCESS-03-01
- Opening: 20 July 2021
- Deadline: 18 January 2022
- Overall indicative budget: M€ 149
- Budget per project: M€ 0,8 – 1,5
- Project duration: up to 3 years
- Consortium: min. 1 + 2
- Expected no. of projects: 100

# TWINNING 2023-2024 (DRAFT)

## RATIONALE

- Applicants will have the choice to submit their proposals under either:
  - Topic A: TWINNING Green Deal, or
  - Topic B: TWINNING Bottom-Up
- Both topics will retain the same objectives, scope and expected impacts and outcomes
- A research component up to 30% may include a research / innovation project (dedicated WP)
- A comprehensive set of activities to be supported

NEW

## OVERVIEW

- HORIZON-WIDERA-2023-ACCESS-02-01
- **Opening: 25 April 2023**
- **Deadline: 28 September 2023**
- Overall indicative budget: M€ 130
- Budget per project: M€ 0,5 – 1,5
- Project duration: up to 3 years
- Consortium: min. 1 + 2
- Expected no. of projects: 75



# EXCELLENCE HUBS



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New Widening instrument  
in HORIZON

# EXCELLENCE HUBS 2022

102 PROPOSALS SUBMITTED

## RATIONALE

- MAIN AIM – bridge innovation divide by teaming up innovation ecosystems in WCs and beyond and creating better linkages between academia, business, government and society
- At least two different place based R&I ecosystems in at least two different WCs
- four different categories in each ecosystem:
  - a) academic institutions
  - b) business entities
  - c) public authorities or authorised agencies
  - d) societal actors

## OVERVIEW

- HORIZON-WIDERA-2022-ACCESS-04-01
- Opening: 3 November 2021
- Deadline: 15 March 2022
- Overall indicative budget: M€ 50
- Budget per project: M€ 3 - 5
- Project duration: up to 4 years
- Expected no. of projects: 10
- Research costs eligible (special WP) up to 35% (not specified in the call text)

# EXCELLENCE HUBS 2023-2024 (DRAFT)

## RATIONALE

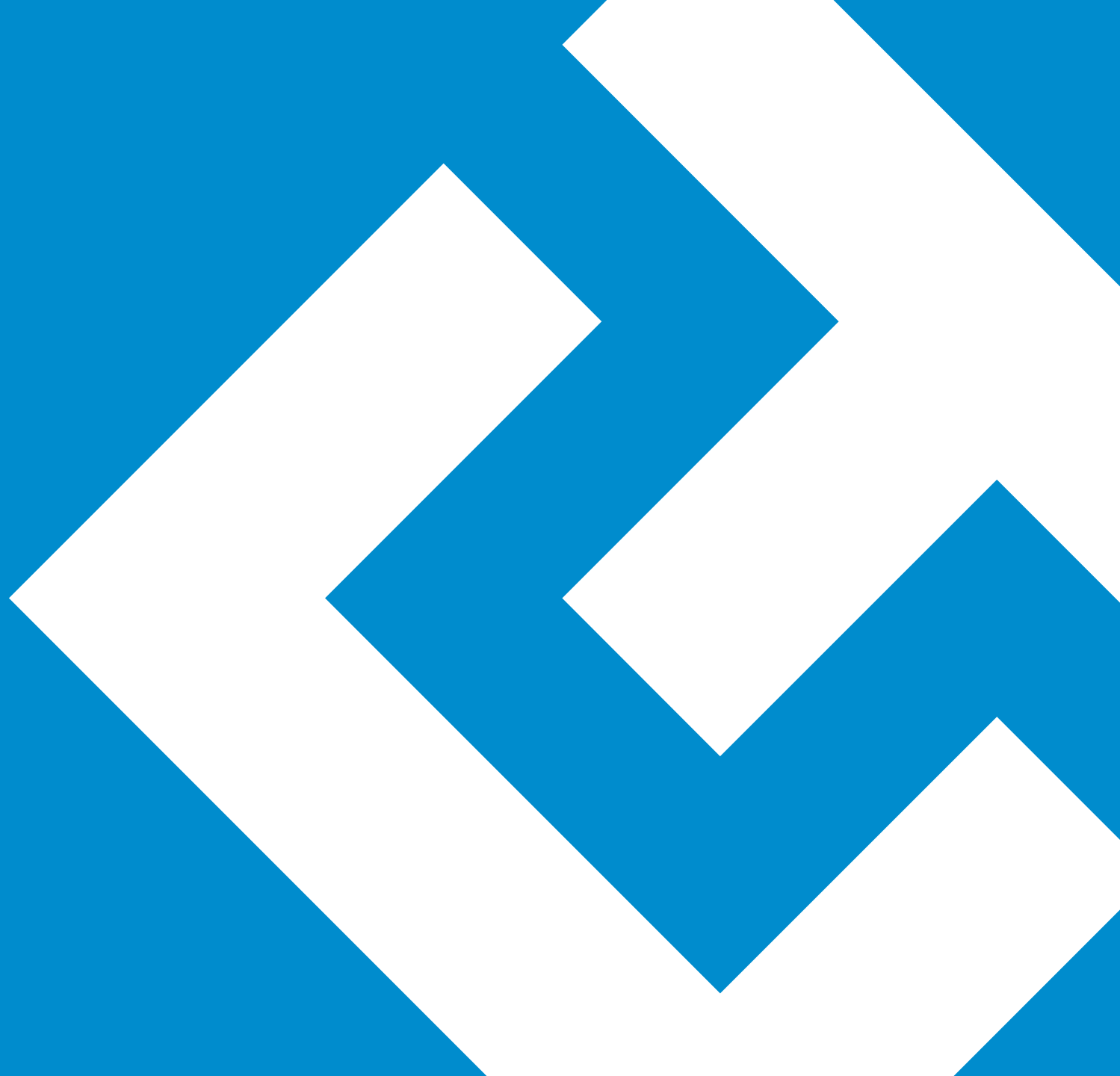
- MAIN AIM – bridge innovation divide by teaming up innovation ecosystems in WCs and beyond and creating better linkages between academia, business, government and society
- At least two different place based R&I ecosystems in at least two different WCs
- four different categories in each ecosystem:
  - a) academic institutions
  - b) business entities
  - c) public authorities or authorised agencies
  - d) societal actors

## OVERVIEW

- HORIZON-WIDERA-2023-ACCESS-07-01
- **Opening: 28 September 2023**
- **Deadline: 7 March 2024**
- Overall indicative budget: M€ 60
- **Budget per project: M€ 2 – 5 (up to M€ 6 with optional mentoring scheme)**
- **Support to third parties in form of grants can be provided**
- Project duration: up to 4 years
- Expected no. of projects: 15

# ERA CHAIRS

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# ERA CHAIRS

90 PROPOSALS SUBMITTED

## RATIONALE

- MAIN AIM – bring outstanding academics with proven research excellence and management skills to universities and research institutions
- **NEW** Coordinator can opt between two modes / forms
  - a joint application with current employer of the future ERA Chair (any country in the world except the country of the coordinator)
  - proposal submission as a single applicant (with identified future ERA Chair holder)
- Research costs are eligible up to 10%

## OVERVIEW

- HORIZON-WIDERA-2022-TALENTS-01-01
- Opening: 29 June 2021
- Deadline: 15 March 2022
- Overall indicative budget: M€ 80
- Budget per project: M€ 1,5 – 2,5
- Project duration: up to 5 years
- Consortium: 1 / or + 1
- Expected no. of projects: 32

# ERA CHAIRS 2023-2024 (DRAFT)

## RATIONALE

- MAIN AIM -- bring outstanding academics with proven research excellence and management skills to universities and research institutions (brain gain)
- **Mono beneficiary action with identified future ERA Chair holder (option with a partner abolished)**
- Appointment of team members after an open, transparent and merit-based recruitment process with no more than 50% of the team appointees having previous contractual links with the coordinator

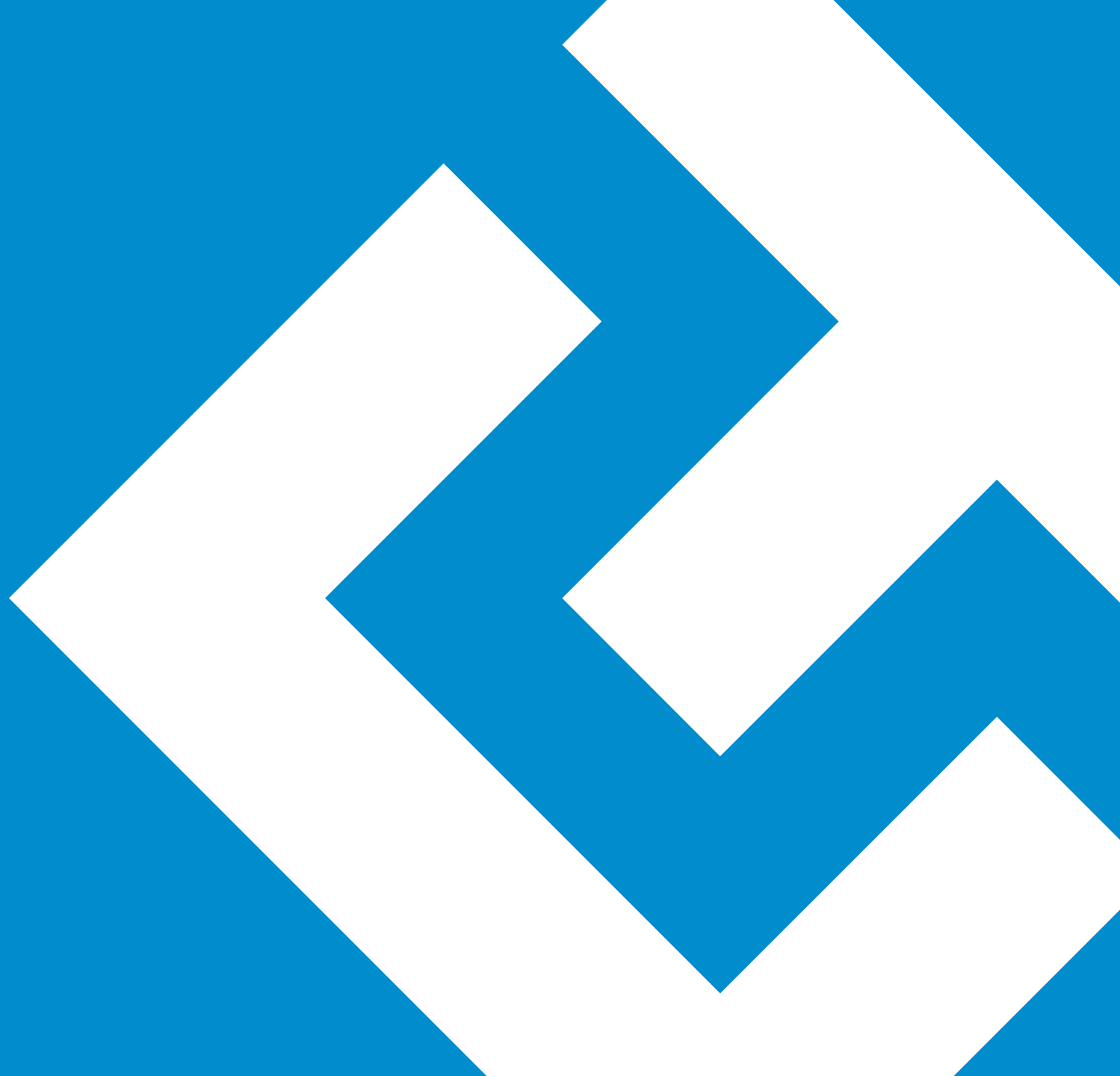
## OVERVIEW

- HORIZON-WIDERA-2023-TALENTS-01-01
- **Opening: 28 September 2023**
- **Deadline: 7 March 2024**
- Overall indicative budget: M€ 97
- Budget per project: M€ 1,5 – 2,5
- Project duration: up to 5 years
- Expected no. of projects: 45
- Research costs eligible up to 10% of the EU contribution

# HOP ON FACILITY

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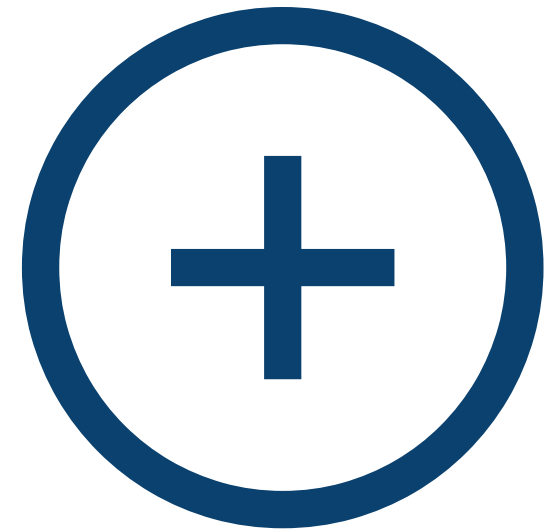
New Widening instrument in  
HORIZON



# HOP ON FACILITY

- Proposal must be submitted by the coordinator of a consortium funded under Pillar 2 or EIC Pathfinder with a valid GA without any participant from a WC (project type: RIA)
- Proposal must include the accession of one additional partner from a Widening country
- [HORIZON-WIDERA-2022-ACCESS-07-01](#) (including FAQs)
- **Opening: 27 January 2022; Deadlines: 20 April 2022 and 10 November 2022**
- Overall indicative budget: M€ 40; EU budget per project: M€ 0,2 – 0,5 (allocated to the new partner)
- **Expected no. of projects: 80**

7 PROPOSALS SUBMITTED BY  
20 APRIL 2022





# HOP ON FACILITY

## RATIONALE

- MAIN AIM -- Improve Inclusiveness of HORIZON by involving additional research institutions from Widening countries
- Open up closed networks and overcome barriers
- Contribute to reducing the participation gap in HORIZON and closing the innovation divide in Europe
- Additional partner and tasks should be described in a dedicated proposal template
- List of eligible RIA projects (available under Topic Updates)

<https://bit.ly/37hwOBm>

## MORE INFORMATION

- EC Infoday on Hop On  
<https://bit.ly/3vXLHky>
- E-Learning on Hop On (in Czech)



## NÁSTROJ HOP ON

*Nástroj Hop On je jedním ze čtyř nových průřezových opatření balíčku Advancing Europe Package, který v rámci programu Horizont Evropa (HE) doplní čtyři hlavní nástroje z předchozího programu H2020 (TEAMING, TWINNING, ERA Chairs a program COST). Společně cílí na snižování přetrvávajících rozdílů ve výkonnosti výzkumu a inovací prostřednictvím sdílení znalostí a odborných poznatků napříč EU. Nástroj umožňuje přistoupení jednoho partnera ze skupiny tzv. Widening zemí ke konsorciu kolaborativního projektu HE.*

### ZPŮSOBILÉ PROJEKTY

O nového partnera z Widening zemí se mohou ucházet projekty financované v klustrech Pilíře 2 (Globální výzvy a konkurenceschopnost) a v EIC Pathfinder v Pilíři 3 (Inovativní Evropa) programu HE s již podepsanou grantovou dohodou a bez partnera z jakékoliv Widening země. Jedná se vždy výhradně o kolaborativní projekty typu RIA – Research and Innovation Action. Seznam způsobilých projektů je zveřejněn na Portálu pro finanční příležitosti a veřejné zakázky (FTDP) u výzvy Hop On a je Evropskou komisí aktualizován každý týden. Subjekty z Widening zemí se zájmem o přistoupe-

ni mohou oslovit přímo koordinátora relevantního projektu vyplněním kontaktního formuláře po přihlášení do FTDP (tlačítko Contact u každého projektu).

### SKUPINA WIDENING ZEMÍ

- 13 tzv. nových členských států EU (včetně Česka), Portugalsko a Řecko,
- 9 nejvzdálenějších regionů EU,
- země přidružené k programu Horizont Evropa spadající do kategorie zemí s nízkými a středními příjmy (v H2020 jich bylo 12).

Jmenný výčet Widening zemí je uveden u výzvy v kolonce Call updates.

### CHARAKTERISTIKA VÝZVY 2022

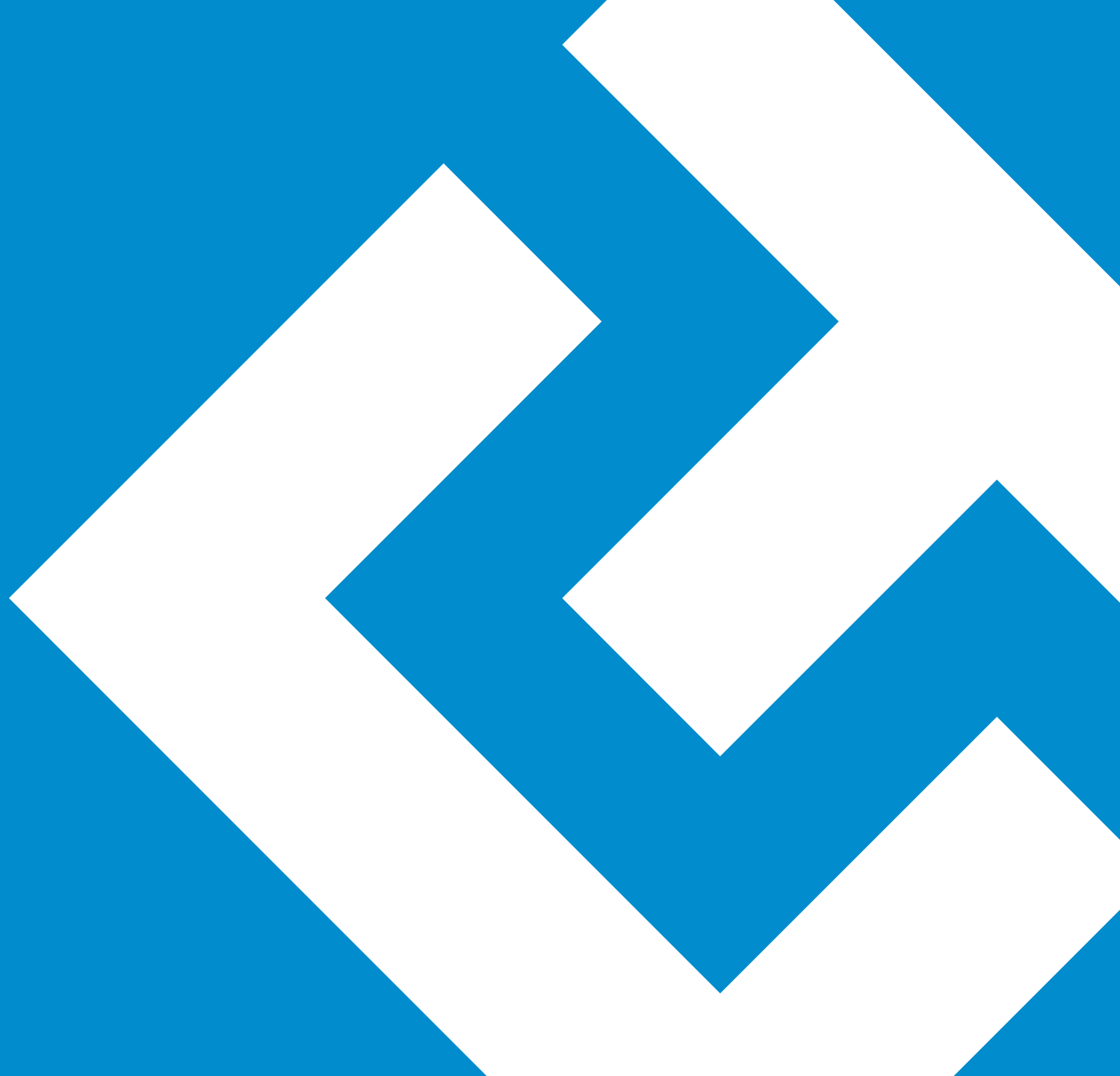
Identifikátor:  
HORIZON-WIDERA-2022-ACCESS-07-01  
Rozpočet celkem: 40 mil. €  
Rozpočet na nového partnera: 0,2–0,5 mil. €  
Typ: Jednokolová  
Datum otevření: 27. 1. 2022  
Termíny uzavření: 20. 4. a 10. 11. 2022  
Předpokládaný počet projektů: 80

[www.tc.cz](http://www.tc.cz)

# ERA TALENTS

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New Widening instrument  
in 2022



# ERA TALENTS 2022 - **NEW**

To build R&I support capacity, such as knowledge brokers, data stewards, research infrastructure operators, etc.

## RATIONALE

- MAIN AIM – to boost interoperability of careers and employability of research and innovation talents across sectors, with a centre of gravity in Widening countries
- Seconded staff must be actively engaged at least 6 months (FTE) at the sending institution before the (first) period of secondment
- Need to provide an estimate of the number of the seconded ERA talents
- Allocate at least 70% of the budget for secondments for the benefit of WCs
- Mandatory return phase for every cross-border secondment from a WC - support for return, incl. salaries, allowed for up to 12 months within grant duration

## OVERVIEW

- HORIZON-WIDERA-2022-TALENTS-03-01
- **Opening: 29 June 2022**
- **Deadline: 15 November 2022**
- Overall indicative budget: M€ 24
- Budget per project: M€ 1 – 3
- Consortium: 1 + 2
- Secondments must last between 3 and 24 months for the same staff member
- Project duration: up to 4 years
- Expected no. of projects: 12

# CZ-SK INFODAY ON ERA TALENTS

- **When: 15 June 2022 (2 – 3 p.m.)**
- Where: online
- Aim: to introduce in more details the new mobility instrument
- Invitation and agenda [here](#), registration [here](#) or through QRC



# EC INFODAY ON ERA TALENTS

- When: 27 April 2022
- Where: online
- <https://bit.ly/3vXLHky>
- Video recording and presentations available (Hop On Facility covered as well)



# DISSEMINATION AND EXPLOITATION SUPPORT FACILITY

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## PATHWAYS TO SYNERGIES

New Widening instruments  
in 2023-2024



# 1

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WIDERA WP



# 2

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WIDENING  
INSTRUMENTS



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ERA CALLS AND  
TOPICS



# ERA CALL 2021 - OUTCOMES

## 2021 TOPICS TABLE

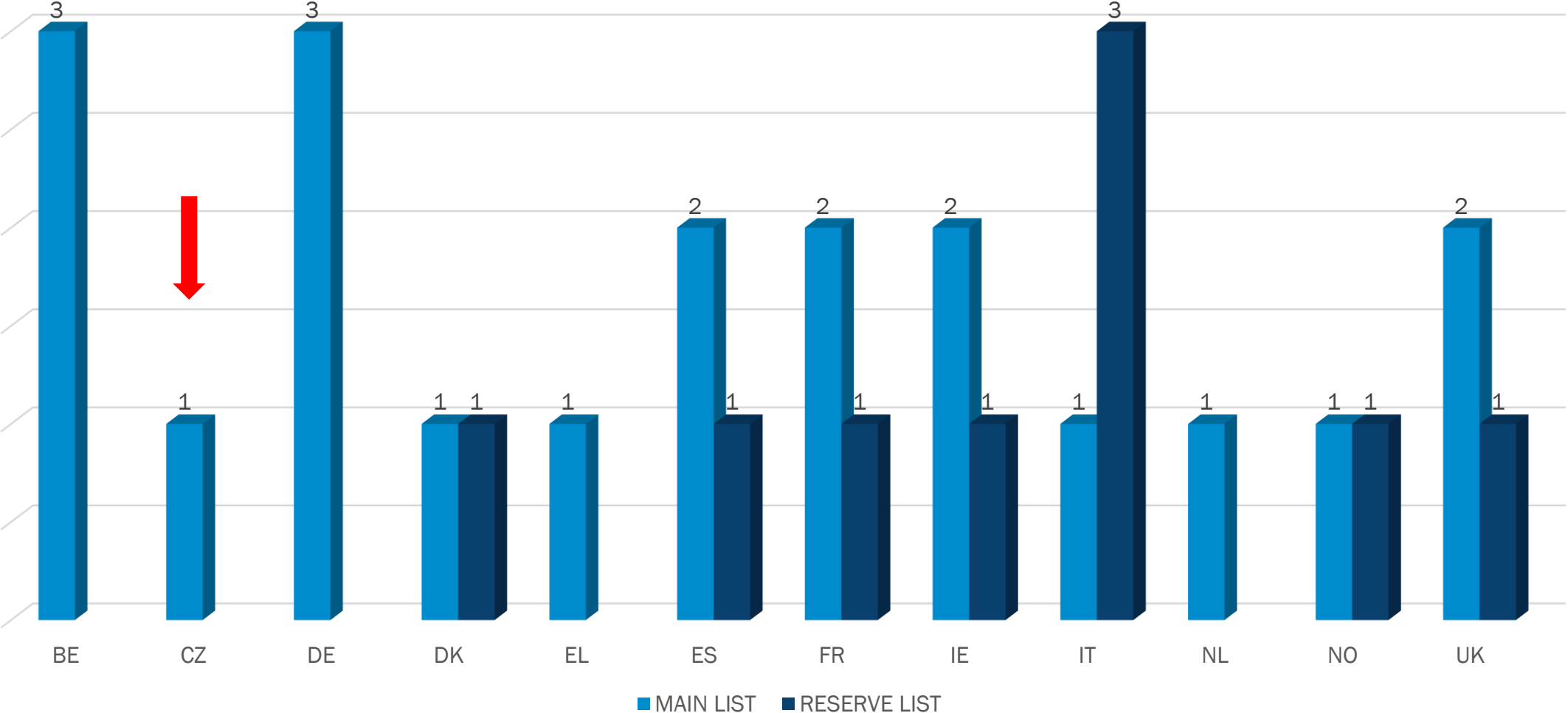
- Topics support creation of a single, borderless market for research, innovation and technology across the EU
- Project duration usually not set
- Project types: CSA (30 pages) or RIA (45 pages)
- 18 topics in 2021 call - 26 projects to be funded
- Opening: 22 June 2021
- Deadline: 23 September 2021
- 44 proposals submitted
- 20 grants awarded, 9 proposals on the reserve list



# ERA CALL 2021 - OUTCOMES

	Topic	Budget (M€)	Expected grants	Submitted	Awarded grants
2021-ERA-01-09	<b>ERA-NETs (national R&amp;I programmes)</b>	<b>10.5</b>	<b>4</b>	<b>1</b>	<b>1</b>
2021-ERA-01-20	Training scheme for RMA	3	2	5	2
2021-ERA-01-30	<b>Macro-economic modelling</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>
2021-ERA-01-32	Standardisation Booster	2	1	2	1 (+1)
2021-ERA-01-33	<b>IP management</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>
2021-ERA-01-40	Open science practice	2	1	1	1
2021-ERA-01-41	<b>Global FAIR data policy</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>
2021-ERA-01-43	Open access publishing	3	1	1	1
2021-ERA-01-44	<b>Societal trust in science, R&amp;I</b>	<b>2</b>	<b>1</b>	<b>8</b>	<b>3 (+1)</b>
2021-ERA-01-45	Reward the practice of OS	2	1	4	1 (+2)
2021-ERA-01-50	<b>Protection of HEIs from threats</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>
2021-ERA-01-60	Citizen science - capacity building	4	1	2	1
2021-ERA-01-61	Citizen science - recognition	5	1	4	1 (+2)
2021-ERA-01-70	STE(A)M for Science Education	5	3	4	3 (+1)
2021-ERA-01-80	CoE on gender equality	5	1	4	1 (+1)
2021-ERA-01-81	Implementation of ERA GE	3	1	1	1
2021-ERA-01-90	Research ethics and integrity	4.5	1	3	1 (+1)
2021-ERA-01-91	Quality of Research Ethics expertise	4.5	1	1	1
<b>Grand Total</b>		<b>61.5</b>	<b>26</b>	<b>44</b>	<b>20 (+9)</b>

# SUCCESSFUL PROJECT COORDINATORS



# ERA CALL 2022

## 2022 TOPICS TABLE

- Topics support creation of a single, borderless market for research, innovation and technology across the EU
- Project duration usually not set
- Project types: CSA (30 pages) or RIA (45 pages)
- 14 topics in 2022 call - 26 projects to be funded
- Opening: 19 January 2022
- Deadline: 20 April 2022
- No. of proposals submitted – n/a

Czech infoday on ERA call 2022  
11 March 2022

# ERA CALL 2023 (DRAFT)

- Topics support creation of a single, borderless market for research, innovation and technology across the EU
- Topics aligned with ERA Policy Agenda actions
- Project duration usually not set
- Project types: CSA (30 pages) **NO RIAs**
- 12 topics in 2023 call - 17 projects to be funded **LESS TOPICS**
- **Opening: 22 December 2022**
- **Deadline: 28 March 2023**

# 12 ERA TOPICS 2023 (EXPECTED – 17 PROJECTS)

## PRIORITISING INVESTMENTS AND REFORMS

- Programme level collaboration between national R&I policy makers (ERA-NETs)
- Towards a European R&I Foresight Community to inform R&I policy decisions in the European Research Area

## TRANSLATING R&I RESULTS INTO ECONOMY

- Experimentation and exchange of good practices for value creation
- Development of new approaches to the macroeconomic modelling of research and innovation

## DEEPENING THE EUROPEAN RESEARCH AREA

- Building a virtual EU Info Platform on Contemporary China
- Support to reforms of research assessment in the ERA
- Laying the groundwork towards Europe-wide citizen science campaigns
- Policy support to facilitate the implementation of a zero-tolerance approach towards gender-based violence in the ERA
- Support to the implementation of an EU Manifesto for STE(A)M education and career paths to tackle gender inequalities in the ERA
- Research ethics for environmental and climate technologies
- The future of research ethics review in the changing research environments



# QUESTIONS?

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**Anna Vosečková**

WIDERA NCP, EIT NCP

+420 606 062 739

voseckova@tc.cz

[www.tc.cz](http://www.tc.cz)